



# Five-Year Capital Forecasts 2018-2022



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**SUMMARY OF FIVE YEAR CAPITAL &  
EXTRA-ORDINARY EXPENDITURES**  
Corporate Capital Summary

| COMMITTEE/FUNCTION                                  | 2017<br>Approved<br>Budget | 2018-2022 Five Year Capital & Extra-Ordinary Expenditures |            |            |            |            |            |
|-----------------------------------------------------|----------------------------|-----------------------------------------------------------|------------|------------|------------|------------|------------|
|                                                     |                            | 2018                                                      | 2019       | 2020       | 2021       | 2022       | TOTAL      |
| <b>CORPORATE SERVICES</b>                           |                            |                                                           |            |            |            |            |            |
| Clerk & Council Services                            | 9,000                      | 23,000                                                    | 23,000     | 23,000     | 23,000     | 23,000     | 115,000    |
| Finance                                             |                            |                                                           | 0          |            |            |            |            |
| Human Resources                                     | 30,200                     | 30,200                                                    | 30,200     | 30,200     | 30,200     | 30,200     | 151,000    |
| Information Technology                              | 53,000                     | 53,000                                                    | 53,000     | 53,000     | 54,000     | 54,000     | 267,000    |
| General Administration                              |                            |                                                           |            | 0          |            |            | 0          |
| Property - Administration Building                  | 78,740                     | 80,300                                                    | 81,900     | 83,500     | 85,200     | 86,900     | 417,800    |
| Property - Administration Building - Debenture Paym | 706,539                    | 706,539                                                   | 706,539    | 706,539    | 706,539    | 706,539    | 3,532,695  |
| SUB TOTAL                                           | 877,479                    | 893,039                                                   | 894,639    | 896,239    | 898,939    | 900,639    | 4,483,495  |
| <b>PLANNING AND COMMUNITY DEVELOPMENT</b>           |                            |                                                           |            |            |            |            |            |
| Planning & Development                              | 9,500                      | 4,000                                                     | 4,000      | 5,500      | 6,000      | 5,500      | 25,000     |
| Trails                                              | 50,000                     | 75,000                                                    | 75,000     | 75,000     | 75,000     | 75,000     | 375,000    |
| Economic Development                                | 15,000                     | 42,500                                                    | 42,500     | 42,500     | 42,500     | 42,500     | 212,500    |
| Tourism                                             | 17,500                     | 17,500                                                    | 17,500     | 17,500     | 17,500     | 17,500     | 87,500     |
| Heritage                                            | 310,900                    | 317,300                                                   | 323,700    | 330,300    | 337,000    | 343,700    | 1,652,000  |
| SUB TOTAL                                           | 402,900                    | 456,300                                                   | 462,700    | 470,800    | 478,000    | 484,200    | 2,352,000  |
| <b>SOCIAL SERVICES</b>                              |                            |                                                           |            |            |            |            |            |
| Ontario Works and Child Care                        | 43,600                     | 43,600                                                    | 43,600     | 43,600     | 43,600     | 43,600     | 218,000    |
| Housing                                             | 1,316,278                  | 1,342,604                                                 | 1,369,456  | 1,396,845  | 1,424,782  | 1,453,277  | 6,986,964  |
| Grey Gables                                         | 195,234                    | 208,658                                                   | 222,753    | 237,552    | 253,091    | 269,407    | 1,191,461  |
| Grey Gables - Debenture Payments                    | 73,234                     | 73,234                                                    | 73,234     | 73,234     | 73,234     | 73,234     | 366,170    |
| Lee Manor                                           | 212,727                    | 219,109                                                   | 225,682    | 232,452    | 239,426    | 246,609    | 1,163,278  |
| Rockwood Terrace                                    | 310,689                    | 320,009                                                   | 329,610    | 339,498    | 349,683    | 360,173    | 1,698,973  |
| Long Term Care Redevelopment                        | 1,361,010                  | 1,361,010                                                 | 1,361,010  | 0          |            |            | 2,722,020  |
| Long Term Care Redevelopment - Debenture Payme      |                            |                                                           |            | 1,316,093  | 1,316,093  | 1,316,093  | 3,948,279  |
| SUB TOTAL                                           | 3,512,772                  | 3,568,224                                                 | 3,625,345  | 3,639,274  | 3,699,909  | 3,762,393  | 18,295,145 |
| <b>TRANSPORTATION AND PUBLIC SAFETY</b>             |                            |                                                           |            |            |            |            |            |
| Construction, Resurfacing and Minor Capital         | 7,252,262                  | 7,593,541                                                 | 7,962,601  | 8,357,292  | 8,774,829  | 9,206,612  | 41,894,875 |
| Machinery                                           | 675,000                    | 722,000                                                   | 769,000    | 816,000    | 863,000    | 910,000    | 4,080,000  |
| Housing                                             | 300,000                    | 300,000                                                   | 300,000    | 300,000    | 300,000    | 300,000    | 1,500,000  |
| Paramedic Services                                  | 552,541                    | 567,896                                                   | 583,585    | 599,617    | 615,999    | 632,741    | 2,999,838  |
| Paramedic Services - Debenture Payments             | 47,411                     | 56,093                                                    | 56,093     | 56,093     | 56,093     | 56,093     | 280,465    |
| SUB TOTAL                                           | 8,827,214                  | 9,239,530                                                 | 9,671,279  | 10,129,002 | 10,609,921 | 11,105,446 | 50,755,178 |
| NET LEVY REQUIREMENTS                               | 13,620,365                 | 14,157,093                                                | 14,653,963 | 15,135,315 | 15,686,769 | 16,252,678 | 75,885,818 |



**SUMMARY OF FIVE YEAR CAPITAL &  
EXTRA-ORDINARY EXPENDITURES**  
Corporate Services Summary

| COMMITTEE/FUNCTION                        | 2017<br>Approved<br>Budget | 2018-2022 Five Year Capital & Extra-Ordinary Expenditures |                |                |                |                |                  |
|-------------------------------------------|----------------------------|-----------------------------------------------------------|----------------|----------------|----------------|----------------|------------------|
|                                           |                            | 2018                                                      | 2019           | 2020           | 2021           | 2022           | TOTAL            |
| Clerk & Council Services                  | 9,000                      | 23,000                                                    | 23,000         | 23,000         | 23,000         | 23,000         | 115,000          |
| Finance                                   |                            |                                                           | 0              |                |                |                | 0                |
| Human Resources                           | 30,200                     | 30,200                                                    | 30,200         | 30,200         | 30,200         | 30,200         | 151,000          |
| Information Technology                    | 53,000                     | 53,000                                                    | 53,000         | 53,000         | 54,000         | 54,000         | 267,000          |
| General Administration                    |                            |                                                           |                | 0              |                |                | 0                |
| Property - Administration Building        | 78,740                     | 80,300                                                    | 81,900         | 83,500         | 85,200         | 86,900         | 417,800          |
| Property - Administration Building - Debt | 706,539                    | 706,539                                                   | 706,539        | 706,539        | 706,539        | 706,539        | 3,532,695        |
| <b>NET LEVY REQUIREMENTS</b>              | <b>877,479</b>             | <b>893,039</b>                                            | <b>894,639</b> | <b>896,239</b> | <b>898,939</b> | <b>900,639</b> | <b>4,483,495</b> |



**1. Department / Function: Clerk & Council Services**

**Details of Project/Study: Update Corporate Communications Strategy**

**2. Total Gross Cost of Proposed Capital Project/Study: \$45,000**

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              | \$45,000              |           |                 |

To contract the services of a consultant to update the County's Corporate Communications Strategy completed in 2016 to ensure resources are aligned as efficiently as possible and there continues to be a consistent look and feel for corporate communications.

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018    | 2019    | 2020    | 2021    | 2022    | Total           |
|--------------|---------|---------|---------|---------|---------|-----------------|
| <b>Gross</b> | \$9,000 | \$9,000 | \$9,000 | \$9,000 | \$9,000 | <b>\$45,000</b> |
| <b>Net</b>   | \$9,000 | \$9,000 | \$9,000 | \$9,000 | \$9,000 | <b>\$45,000</b> |

**3. Estimated Useful Life: 5 years**

**4. Location of Project/Study (if applicable):**

| Facility Name / Address        | Municipality       |
|--------------------------------|--------------------|
| County Administration Building | City of Owen Sound |

**5. Need or Benefit(s) of Project (including safety issues):**

Communication is embedded into everything the County does and serves a major role in the Corporate Strategic Plan and the Economic Development Strategy. It involves all stakeholders including staff, public, businesses and other levels of government. Communication continues to be critical in being proactive in our messaging and provides a coordinated approach to maximizing our communication resources and strengthening internal and external collaboration.

**6. Scheduling and Cost of Project/Study in 2017-2021 Capital Plan: Update Corporate Communications Strategy**

|              | 2017    | 2018    | 2019    | 2020    | 2021    | Total           |
|--------------|---------|---------|---------|---------|---------|-----------------|
| <b>Gross</b> | \$9,000 | \$9,000 | \$9,000 | \$9,000 | \$9,000 | <b>\$45,000</b> |
| <b>Net</b>   | \$9,000 | \$9,000 | \$9,000 | \$9,000 | \$9,000 | <b>\$45,000</b> |

**7. Consequences/Implications of Not Undertaking Project (including alternatives):**

There will be a lack of coordinated effort in communicating with our stakeholders-both internal and external. The County may lose the momentum it has gained in recent years on educating people on who we are and what we do. The advances in technology used to support various mediums of communication will not be maximized and the outreach completed through these channels will end.

**8. Identify Sources and Amounts of Funding**

|      | To Reserve -<br>funds to<br>reserve annually |
|------|----------------------------------------------|
| 2018 | \$9,000                                      |
| 2019 | \$9,000                                      |

|              |                 |
|--------------|-----------------|
| 2020         | \$9,000         |
| 2021         | \$9,000         |
| 2022         | \$9,000         |
| <b>Total</b> | <b>\$45,000</b> |

**9. Compliance with Council objective/strategic plan (if applicable):**

Communication is an essential part of increasing the awareness of municipal government and Grey County in general. With the ever-increasing range of programs offered, communication provides a link to those through various channels to stakeholders. Currently 4.2 of the Corporate Operating Plan identifies promoting effective coordination and communication between and amongst the County and its nine lower tier municipalities.

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

The Corporate Communications Plan, like any other guiding plan need to be refreshed on a regular basis. It is recommended to allocate funds annually to reserve over a five year period in order to reduce the impact on the levy.

**1. Department / Function: Clerk & Council Services**

**Details of Project/Study: Incremental Funding to Replace Electronic Records Management System (EDRMS)**

**2. Total Gross Cost of Proposed Capital Project/Study: \$14,000**

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              |                       |           | \$14,000        |

To reserve to replace software

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018     | 2019     | 2020     | 2021     | 2022     | Total           |
|--------------|----------|----------|----------|----------|----------|-----------------|
| <b>Gross</b> | \$14,000 | \$14,000 | \$14,000 | \$14,000 | \$14,000 | <b>\$70,000</b> |
| <b>Net</b>   | \$14,000 | \$14,000 | \$14,000 | \$14,000 | \$14,000 | <b>\$70,000</b> |

**3. Estimated Useful Life: Ten years**

**4. Location of Project/Study (if applicable):**

| Facility Name / Address | Municipality |
|-------------------------|--------------|
|-------------------------|--------------|

**5. Need or Benefit(s) of Project (including safety issues):**

An EDRMS is fundamental to the administrative operation of the County. It allows for such things as the proper classification and retention of electronic records, maximizes space on servers by eliminating multiple copies of the same document and provides for cross departmental collaboration. The County is on its second platform of EDRMS. It is recommended that funds be set aside on an annual basis to provide for replacement in ten years, if required. Costing has been based on purchase of Alfresco in 2016 with a 2% inflation factor per year applied.

**6. Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:**

|              | 2017 | 2018 | 2019 | 2020 | 2021 | Total      |
|--------------|------|------|------|------|------|------------|
| <b>Gross</b> | \$0  | \$0  | \$0  | \$0  | \$0  | <b>\$0</b> |
| <b>Net</b>   | \$0  | \$0  | \$0  | \$0  | \$0  | <b>\$0</b> |

**7. Consequences/Implications of Not Undertaking Project (including alternatives):**

The County's ability to meet its legislative requirements for managing records, including its obligation to meet MFIPPA and providing open and transparent government would be hampered. While the preferred option is to continue with the same software with regular updates, this isn't always possible. The County's experience has been that technology and requirements for EDRMS change rapidly and there will likely be a need to change software platforms.

**8. Identify Sources and Amounts of Funding**

|      | To Reserve - EDRMS Software Reserve |
|------|-------------------------------------|
| 2018 | \$14,000                            |
| 2019 | \$14,000                            |

|              |                 |
|--------------|-----------------|
| 2020         | \$14,000        |
| 2021         | \$14,000        |
| 2022         | \$14,000        |
| <b>Total</b> | <b>\$70,000</b> |

**9. Compliance with Council objective/strategic plan (if applicable):**

An EDRMS supports Goal 3 of delivering excellence in governance and service.

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

Setting aside funding on an annual basis will ensure adequate funds are available without negatively impacting the levy.

A well functioning EDRMS system helps to ensure that the County meets its requirements for records retention and MFIPPA.

Implementing a new EDRMS system causes significant demands on staffing; particularly in the IT and Clerk's Departments. Any system change will need to be incorporated into departmental work plans. Additionally significant change management is involved and resources need to be dedicated to staff training.

## SUMMARY OF FIVE YEAR CAPITAL & EXTRA-ORDINARY EXPENDITURES

### Finance

| PROJECT                                 | 2017<br>Approved<br>Budget | 2018-2022 Five Year Capital & Extra-Ordinary Expenditures |          |      |      |      |          |
|-----------------------------------------|----------------------------|-----------------------------------------------------------|----------|------|------|------|----------|
|                                         |                            | 2018                                                      | 2019     | 2020 | 2021 | 2022 | TOTAL    |
| Multi-User Budgeting Software           |                            |                                                           | 70,000   |      |      |      | 70,000   |
| From Reserve - One-Time Funding Reserve |                            |                                                           | (70,000) |      |      |      | (70,000) |
| NET LEVY REQUIREMENTS                   | 0                          | 0                                                         | 0        | 0    | 0    | 0    | 0        |

**1. Department / Function: Finance**

**Details of Project/Study: Multi-User Budgeting Software**

**2. Total Gross Cost of Proposed Capital Project/Study: \$70,000**

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              | \$70,000              |           |                 |

Includes base price of software, enhancement, support, installation, and integration.

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018 | 2019     | 2020 | 2021 | 2022 | Total           |
|--------------|------|----------|------|------|------|-----------------|
| <b>Gross</b> | \$0  | \$70,000 | \$0  | \$0  | \$0  | <b>\$70,000</b> |
| <b>Net</b>   | \$0  | \$0      | \$0  | \$0  | \$0  | <b>\$0</b>      |

**3. Estimated Useful Life: 20**

**4. Location of Project/Study (if applicable):**

| Facility Name / Address             | Municipality       |
|-------------------------------------|--------------------|
| Grey County Administration Building | City of Owen Sound |

**5. Need or Benefit(s) of Project (including safety issues):**

Budget preparation and management solution. Track all budget changes. Provide notifications throughout the approval process. Ability to versioning and "what-if" scenarios. Integration with financial and payroll. Salary and position planning to model costs associated with positions and employees.

**6. Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:**

|              | 2017 | 2018 | 2019 | 2020 | 2021 | Total      |
|--------------|------|------|------|------|------|------------|
| <b>Gross</b> | \$0  | \$0  | \$0  | \$0  | \$0  | <b>\$0</b> |
| <b>Net</b>   | \$0  | \$0  | \$0  | \$0  | \$0  | <b>\$0</b> |

**7. Consequences/Implications of Not Undertaking Project (including alternatives):**

Currently budgets are prepared with various word documents, spreadsheets, etc. Budget numbers are imported by spreadsheets into financial software. Corporate changes require recalculations of individual spreadsheets, and multiple imports. Software would provide efficiency and less chance for errors. Provide documentation for departments and finance staff for review and historical reference.

**8. Identify Sources and Amounts of Funding**

|              | From Reserve -<br>One-Time<br>Funding Reserve | Taxation   |
|--------------|-----------------------------------------------|------------|
| 2018         | \$0                                           | \$0        |
| 2019         | \$70,000                                      | \$0        |
| 2020         | \$0                                           | \$0        |
| 2021         | \$0                                           | \$0        |
| 2022         | \$0                                           | \$0        |
| <b>Total</b> | <b>\$70,000</b>                               | <b>\$0</b> |

**9. Compliance with Council objective/strategic plan (if applicable):**

Budgeting software will provide greater operational efficiency. Assist in long term financial planning.

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

Enhancement and support costs are estimated to cost \$10K annually.



**1. Department / Function: Human Resources**

**Details of Project/Study: Market Salary Review - Non-Union**

**2. Total Gross Cost of Proposed Capital Project/Study: \$30,000**

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              | \$30,000              |           |                 |

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018    | 2019     | 2020    | 2021    | 2022    | Total           |
|--------------|---------|----------|---------|---------|---------|-----------------|
| <b>Gross</b> | \$7,500 | \$30,000 | \$7,500 | \$7,500 | \$7,500 | <b>\$60,000</b> |
| <b>Net</b>   | \$7,500 | \$7,500  | \$7,500 | \$7,500 | \$7,500 | <b>\$37,500</b> |

**3. Estimated Useful Life: 4 - 5 years**

**4. Location of Project/Study (if applicable):**

| Facility Name / Address | Municipality |
|-------------------------|--------------|
| Non Union Employees     |              |

**5. Need or Benefit(s) of Project (including safety issues):**

Part of a proactive salary administration program includes comparing internal wages with outside comparators to ensure market competitiveness. Unionized wages are often compared during collective bargaining. Council compensation is marketed once per term of Council. Non Union salaries were last compared to the market in 2013 - 2014.

**6. Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:**

|              | 2017    | 2018    | 2019     | 2020    | 2021    | Total           |
|--------------|---------|---------|----------|---------|---------|-----------------|
| <b>Gross</b> | \$7,500 | \$7,500 | \$30,000 | \$7,500 | \$7,500 | <b>\$60,000</b> |
| <b>Net</b>   | \$7,500 | \$7,500 | \$7,500  | \$7,500 | \$7,500 | <b>\$37,500</b> |

**7. Consequences/Implications of Not Undertaking Project (including alternatives):**

By not comparing internal wages to market periodically you run the risk of falling behind. County Council has previously determined that non union wages should fall somewhere between the 45th and 55th percentile of our approved comparators. This requires a review of those comparators. By not keeping our compensation competitive you run the risk of not being able to recruit and retain qualified individuals.

**8. Identify Sources and Amounts of Funding**

|              | To Reserve -<br>Market Salary<br>Review Reserve | Taxation       | From Reserve -<br>Market Salary<br>Reserve |
|--------------|-------------------------------------------------|----------------|--------------------------------------------|
| 2018         | \$7,500                                         | \$0            | \$0                                        |
| 2019         | \$0                                             | \$7,500        | \$22,500                                   |
| 2020         | \$7,500                                         | \$0            | \$0                                        |
| 2021         | \$7,500                                         | \$0            | \$0                                        |
| 2022         | \$7,500                                         | \$0            | \$0                                        |
| <b>Total</b> | <b>\$30,000</b>                                 | <b>\$7,500</b> | <b>\$22,500</b>                            |

**9. Compliance with Council objective/strategic plan (if applicable):**

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

**1. Department / Function: Human Resources**

**Details of Project/Study: Human Resources Software Update**

**2. Total Gross Cost of Proposed Capital Project/Study: \$68,100**

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              | \$68,100              |           |                 |

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018     | 2019     | 2020     | 2021     | 2022     | Total            |
|--------------|----------|----------|----------|----------|----------|------------------|
| <b>Gross</b> | \$68,100 | \$22,700 | \$22,700 | \$22,700 | \$22,700 | <b>\$158,900</b> |
| <b>Net</b>   | \$22,700 | \$22,700 | \$22,700 | \$22,700 | \$22,700 | <b>\$113,500</b> |

**3. Estimated Useful Life: 10 years**

**4. Location of Project/Study (if applicable):**

| Facility Name / Address | Municipality |
|-------------------------|--------------|
|-------------------------|--------------|

**5. Need or Benefit(s) of Project (including safety issues):**

The Human Resources Information System (HRIS) software, HRWARE, was purchased in 2013. Mid 2014, the vendor announced that the current software was being rewritten to a new system and the current version would no longer be supported after 2018. This project will cover the costs to convert our current software to the new version in 2018. The vendor has also announced that the newer version allows for more flexibility with less reliance on the vendor to make changes.

The vendor is considering extending support of the current software for one more year. Should an extension be granted, we would delay the upgrade until 2019

It is also recommended that funds be set aside for future upgrades.

**6. Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:**

|              | 2017     | 2018     | 2019     | 2020     | 2021     | Total            |
|--------------|----------|----------|----------|----------|----------|------------------|
| <b>Gross</b> | \$22,700 | \$68,100 | \$22,700 | \$22,700 | \$22,700 | <b>\$158,900</b> |
| <b>Net</b>   | \$22,700 | \$22,700 | \$22,700 | \$22,700 | \$22,700 | <b>\$113,500</b> |

**7. Consequences/Implications of Not Undertaking Project (including alternatives):**

By continuing to use software that is no longer supported by the vendor, you run the risk of the software not keeping up to date with legislative changes, system failures, etc.

**8. Identify Sources and Amounts of Funding**

|              | To Reserve - HRIS Reserve | Taxation        | From Reserve - HRIS Reserve |
|--------------|---------------------------|-----------------|-----------------------------|
| 2018         | \$0                       | \$22,700        | \$45,400                    |
| 2019         | \$22,700                  | \$0             | \$0                         |
| 2020         | \$22,700                  | \$0             | \$0                         |
| 2021         | \$22,700                  | \$0             | \$0                         |
| 2022         | \$22,700                  | \$0             | \$0                         |
| <b>Total</b> | <b>\$90,800</b>           | <b>\$22,700</b> | <b>\$45,400</b>             |

**9. Compliance with Council objective/strategic plan (if applicable):**

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

\$5000 per year starting in 2019 for increased costs on maintenance and enhancement fees and annual hosting services as the new version of software will be web based.

**SUMMARY OF FIVE YEAR CAPITAL &  
EXTRA-ORDINARY EXPENDITURES  
Information Technology**

| PROJECT                                                      | 2017<br>Approved<br>Budget | 2018-2022 Five Year Capital & Extra-Ordinary Expenditures |               |               |               |               |                |
|--------------------------------------------------------------|----------------------------|-----------------------------------------------------------|---------------|---------------|---------------|---------------|----------------|
|                                                              |                            | 2018                                                      | 2019          | 2020          | 2021          | 2022          | TOTAL          |
| <b>Corporate Web Site</b>                                    |                            |                                                           |               |               | 40,000        |               | 40,000         |
| From Reserve - IT Reserve                                    |                            |                                                           |               |               | (40,000)      |               | (40,000)       |
| To Reserve - IT Reserve                                      | 8,000                      | 8,000                                                     | 8,000         | 8,000         | 8,000         | 8,000         | 40,000         |
| <b>Replace Complete Telephone System</b>                     |                            |                                                           |               |               | 50,000        |               | 50,000         |
| From Reserve - Telephone Reserve                             |                            |                                                           |               |               | (50,000)      |               | (50,000)       |
| To Reserve - Telephone Reserve                               | 10,000                     | 10,000                                                    | 10,000        | 10,000        | 10,000        | 10,000        | 50,000         |
| <b>IT Strategic Plan Update</b>                              |                            |                                                           |               |               | 45,000        |               | 45,000         |
| From Reserve - Council/Departmental<br>Strategic Plan Review |                            |                                                           |               |               | (45,000)      |               | (45,000)       |
| <b>Replacement of Photocopiers</b>                           | 50,000                     | 48,000                                                    | 42,000        | 30,000        | 25,000        | 48,000        | 193,000        |
| From Reserve - Copier Reserve                                | (50,000)                   | (48,000)                                                  | (42,000)      | (30,000)      | (25,000)      | (48,000)      | (193,000)      |
| To Reserve - Copier Reserve                                  | 30,000                     | 30,000                                                    | 30,000        | 30,000        | 30,000        | 30,000        | 150,000        |
| <b>Ortho Photography</b>                                     |                            |                                                           |               | 24,000        |               |               | 24,000         |
| From Reserve - Ortho Photography                             |                            |                                                           |               | (24,000)      |               |               | (24,000)       |
| To Reserve - Ortho Photography                               | 5,000                      | 5,000                                                     | 5,000         | 5,000         | 6,000         | 6,000         | 27,000         |
| <b>Tower Replacement (Ceylon and<br/>Woodford)</b>           |                            |                                                           |               |               |               |               |                |
| To Reserve - Tower Replacement<br>Reserve                    | 21,000                     | 21,000                                                    | 21,000        | 21,000        | 21,000        | 21,000        | 105,000        |
| User Fee to Offset Transfer to Reserve                       | (21,000)                   | (21,000)                                                  | (21,000)      | (21,000)      | (21,000)      | (21,000)      | (105,000)      |
| <b>Network and Desktop Software<br/>Replacement</b>          |                            |                                                           | 100,000       |               |               |               | 100,000        |
| From Reserve - IT Reserve                                    |                            |                                                           | (100,000)     |               |               |               | (100,000)      |
| <b>Network Storage Equipment</b>                             | 100,000                    |                                                           |               |               | 120,000       |               | 120,000        |
| From Reserve - IT General                                    | (100,000)                  |                                                           |               |               | (120,000)     |               | (120,000)      |
| To Reserve - IT General                                      | 20,000                     | 20,000                                                    | 20,000        | 20,000        | 20,000        | 20,000        | 100,000        |
| User Fee to Offset Transfer to Reserve                       | (20,000)                   | (20,000)                                                  | (20,000)      | (20,000)      | (20,000)      | (20,000)      | (100,000)      |
| <b>NET LEVY REQUIREMENTS</b>                                 | <b>53,000</b>              | <b>53,000</b>                                             | <b>53,000</b> | <b>53,000</b> | <b>54,000</b> | <b>54,000</b> | <b>267,000</b> |

**1. Department / Function: Information Technology**

**Details of Project/Study: Corporate Web Site**

**2. Total Gross Cost of Proposed Capital Project/Study: \$40,000**

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              | \$40,000              |           |                 |

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018    | 2019    | 2020    | 2021     | 2022    | Total           |
|--------------|---------|---------|---------|----------|---------|-----------------|
| <b>Gross</b> | \$8,000 | \$8,000 | \$8,000 | \$48,000 | \$8,000 | <b>\$80,000</b> |
| <b>Net</b>   | \$8,000 | \$8,000 | \$8,000 | \$8,000  | \$8,000 | <b>\$40,000</b> |

**3. Estimated Useful Life:** 4-5 years between design refresh. Technology refresh may be needed if current technology becomes outdated.

**4. Location of Project/Study (if applicable):**

| Facility Name / Address | Municipality |
|-------------------------|--------------|
| Admin Building          |              |

**5. Need or Benefit(s) of Project (including safety issues):**

The web site will need a refresh and contract a design firm for the re-design

**6. Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:**

|              | 2017    | 2018    | 2019    | 2020    | 2021     | Total           |
|--------------|---------|---------|---------|---------|----------|-----------------|
| <b>Gross</b> | \$8,000 | \$8,000 | \$8,000 | \$8,000 | \$48,000 | <b>\$80,000</b> |
| <b>Net</b>   | \$8,000 | \$8,000 | \$8,000 | \$8,000 | \$8,000  | <b>\$40,000</b> |

**7. Consequences/Implications of Not Undertaking Project (including alternatives):**

The web is a dynamic medium. If sites are not updated they become stale and are not as effective at providing the information the public needs.

**8. Identify Sources and Amounts of Funding**

|              | To Reserve - IT Reserve | From Reserve - IT Reserve | Taxation   |
|--------------|-------------------------|---------------------------|------------|
| 2018         | \$8,000                 | \$0                       | \$0        |
| 2019         | \$8,000                 | \$0                       | \$0        |
| 2020         | \$8,000                 | \$0                       | \$0        |
| 2021         | \$8,000                 | \$40,000                  | \$0        |
| 2022         | \$8,000                 | \$0                       | \$0        |
| <b>Total</b> | <b>\$40,000</b>         | <b>\$40,000</b>           | <b>\$0</b> |

**9. Compliance with Council objective/strategic plan (if applicable):**

4.4 Embrace and continually invest in technology in order to enhance the operations of all county services as well as the county's overall state of future preparedness.

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

n/a

**1. Department / Function: Information Technology**

**Details of Project/Study: Replace Complete Telephone System**

**2. Total Gross Cost of Proposed Capital Project/Study: \$50,000**

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              |                       | \$50,000  |                 |

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018     | 2019     | 2020     | 2021     | 2022     | Total            |
|--------------|----------|----------|----------|----------|----------|------------------|
| <b>Gross</b> | \$10,000 | \$10,000 | \$10,000 | \$60,000 | \$10,000 | <b>\$100,000</b> |
| <b>Net</b>   | \$10,000 | \$10,000 | \$10,000 | \$10,000 | \$10,000 | <b>\$50,000</b>  |

**3. Estimated Useful Life: 10 years**

**4. Location of Project/Study (if applicable):**

| Facility Name / Address    | Municipality |
|----------------------------|--------------|
| All Facilities with Phones |              |

**5. Need or Benefit(s) of Project (including safety issues):**

Starting in 2010, an annual transfer to reserve of \$10,000 for future lifecycle replacement likely in 2021. Telephone system has over 10 year MTBF (mean time between failures). Software is on a maintenance agreement so this is the cost of the hardware portion of the phone system.

**6. Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:**

|              | 2017     | 2018     | 2019     | 2020     | 2021     | Total            |
|--------------|----------|----------|----------|----------|----------|------------------|
| <b>Gross</b> | \$10,000 | \$10,000 | \$10,000 | \$10,000 | \$60,000 | <b>\$100,000</b> |
| <b>Net</b>   | \$10,000 | \$10,000 | \$10,000 | \$10,000 | \$10,000 | <b>\$50,000</b>  |

**7. Consequences/Implications of Not Undertaking Project (including alternatives):**

No telephone service and/or frequent breakdowns

**8. Identify Sources and Amounts of Funding**

|              | To Reserve - Telephone Reserve | From Reserve - Telephone Reserve |
|--------------|--------------------------------|----------------------------------|
| 2018         | \$10,000                       | \$0                              |
| 2019         | \$10,000                       | \$0                              |
| 2020         | \$10,000                       | \$0                              |
| 2021         | \$10,000                       | \$50,000                         |
| 2022         | \$10,000                       | \$0                              |
| <b>Total</b> | <b>\$50,000</b>                | <b>\$50,000</b>                  |

**9. Compliance with Council objective/strategic plan (if applicable):**

4.4 Embrace and continually invest in technology in order to enhance the operations of all county services as well as the county's overall state of future preparedness.

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

**1. Department / Function: Information Technology**

**Details of Project/Study: IT Strategic Plan Update**

**2. Total Gross Cost of Proposed Capital Project/Study: \$45,000**

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              | \$45,000              |           |                 |

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018 | 2019 | 2020 | 2021     | 2022 | Total           |
|--------------|------|------|------|----------|------|-----------------|
| <b>Gross</b> | \$0  | \$0  | \$0  | \$45,000 | \$0  | <b>\$45,000</b> |
| <b>Net</b>   | \$0  | \$0  | \$0  | \$0      | \$0  | <b>\$0</b>      |

**3. Estimated Useful Life: 5 years**

**4. Location of Project/Study (if applicable):**

| Facility Name / Address | Municipality       |
|-------------------------|--------------------|
| Admin Building          | City of Owen Sound |

**5. Need or Benefit(s) of Project (including safety issues):**

The ITSP update was completed in 2016. Ongoing updates should occur and the next update is planned for 2021.

**6. Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:**

|              | 2017 | 2018 | 2019 | 2020 | 2021     | Total           |
|--------------|------|------|------|------|----------|-----------------|
| <b>Gross</b> | \$0  | \$0  | \$0  | \$0  | \$45,000 | <b>\$45,000</b> |
| <b>Net</b>   | \$0  | \$0  | \$0  | \$0  | \$0      | <b>\$0</b>      |

**7. Consequences/Implications of Not Undertaking Project (including alternatives):**

County will lose focus on goals of the IT department. We can also do this internally but it is helpful to have an outside view of the corporation every 5 years

**8. Identify Sources and Amounts of Funding**

|              | From Reserve -<br>Council/Departmental<br>Strategic Plan Review |
|--------------|-----------------------------------------------------------------|
| 2018         | \$0                                                             |
| 2019         | \$0                                                             |
| 2020         | \$0                                                             |
| 2021         | \$45,000                                                        |
| 2022         | \$0                                                             |
| <b>Total</b> | <b>\$45,000</b>                                                 |

**9. Compliance with Council objective/strategic plan (if applicable):**

4.4 Embrace and continually invest in technology in order to enhance the operations of all county services as well as the county's overall state of future preparedness. 6.1 Update all departmental work/operating plans to align with this Strategic Plan and identify specific initiatives and budget implications over a multi-year period (three years for operating and ten years for capital).

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

**1. Department / Function: Information Technology**

**Details of Project/Study: Replacement of Photocopiers**

**2. Total Gross Cost of Proposed Capital Project/Study: \$30,000**

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              |                       |           | \$30,000        |

Copiers to be replaced as they wear out. 2018 - \$5,000 Chatsworth Depot, \$5,000 Clarksburg Depot, \$7,000 Grey Roots, \$5,000 Hanover Early Years, \$20,000 (3) Administration Building, \$6,000 Grey Gables.

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018     | 2019     | 2020     | 2021     | 2022     | Total            |
|--------------|----------|----------|----------|----------|----------|------------------|
| <b>Gross</b> | \$78,000 | \$72,000 | \$60,000 | \$55,000 | \$78,000 | <b>\$343,000</b> |
| <b>Net</b>   | \$30,000 | \$30,000 | \$30,000 | \$30,000 | \$30,000 | <b>\$150,000</b> |

**3. Estimated Useful Life: 5 years**

**4. Location of Project/Study (if applicable):**

| Facility Name / Address                      | Municipality |
|----------------------------------------------|--------------|
| All County Facilities - Admin/Homes/TAPS/EMS |              |

**5. Need or Benefit(s) of Project (including safety issues):**

Photocopiers have a 5-7 year life. New equipment has a lower operating cost and better performance. An analysis has been done of our current equipment and the chart in (2) is the best schedule for replacement.

**6. Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:**

|              | 2017     | 2018     | 2019     | 2020     | 2021     | Total            |
|--------------|----------|----------|----------|----------|----------|------------------|
| <b>Gross</b> | \$80,000 | \$55,000 | \$72,000 | \$60,000 | \$55,000 | <b>\$322,000</b> |
| <b>Net</b>   | \$30,000 | \$30,000 | \$30,000 | \$30,000 | \$30,000 | <b>\$150,000</b> |

**7. Consequences/Implications of Not Undertaking Project (including alternatives):**

Breakdowns, lost productivity.

**8. Identify Sources and Amounts of Funding**

|              | From Reserve - Copier Reserve | To Reserve - Copier Reserve |
|--------------|-------------------------------|-----------------------------|
| 2018         | \$48,000                      | \$30,000                    |
| 2019         | \$42,000                      | \$30,000                    |
| 2020         | \$30,000                      | \$30,000                    |
| 2021         | \$25,000                      | \$30,000                    |
| 2022         | \$48,000                      | \$30,000                    |
| <b>Total</b> | <b>\$193,000</b>              | <b>\$150,000</b>            |

**9. Compliance with Council objective/strategic plan (if applicable):**

Section 1.6 of the County Strat Plan: Accelerate the commitment to lifecycle planning for long term investment in county owned capital assets

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

**1. Department / Function: Information Technology**

**Details of Project/Study: Ortho Photography**

**2. Total Gross Cost of Proposed Capital Project/Study: \$24,000**

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              | \$24,000              |           |                 |

Total cost of purchasing orthophotography is \$24,000 every 4 years.

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018    | 2019    | 2020     | 2021    | 2022    | Total           |
|--------------|---------|---------|----------|---------|---------|-----------------|
| <b>Gross</b> | \$5,000 | \$5,000 | \$29,000 | \$6,000 | \$6,000 | <b>\$51,000</b> |
| <b>Net</b>   | \$5,000 | \$5,000 | \$5,000  | \$6,000 | \$6,000 | <b>\$27,000</b> |

**3. Estimated Useful Life: 3-4 years**

**4. Location of Project/Study (if applicable):**

| Facility Name / Address | Municipality |
|-------------------------|--------------|
| All Departments         |              |

**5. Need or Benefit(s) of Project (including safety issues):**

The purchase of the first fly over ortho photography has been a tremendous asset to the County and its member municipalities and the other contributing partners. The 2006 photos provide us with a starting point and the 2010 and 2015 photos give us the ability to monitor changes in land use, lake and water levels, identify natural heritage features, etc. The availability of the ortho photography on the public GIS site provides another level of information to our ratepayers. As the value of the photography is realized, more funding partners may come forward and the cost may be reduced. The intention is for a fly over again in 2019, with a leaf off product.

**6. Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:**

|              | 2017    | 2018    | 2019    | 2020     | 2021    | Total           |
|--------------|---------|---------|---------|----------|---------|-----------------|
| <b>Gross</b> | \$5,000 | \$5,000 | \$5,000 | \$29,000 | \$6,000 | <b>\$50,000</b> |
| <b>Net</b>   | \$5,000 | \$5,000 | \$5,000 | \$5,000  | \$6,000 | <b>\$26,000</b> |

**7. Consequences/Implications of Not Undertaking Project (including alternatives):**

It is imperative to maintain as up-to-date data for our many applications. If all the partners of the consortium continue their involvement, the cost in future years may decrease.

**8. Identify Sources and Amounts of Funding**

|              | To Reserve -<br>Ortho<br>Photography | From Reserve -<br>Ortho<br>Photography | Taxation   |
|--------------|--------------------------------------|----------------------------------------|------------|
| 2018         | \$5,000                              | \$0                                    | \$0        |
| 2019         | \$5,000                              | \$0                                    | \$0        |
| 2020         | \$5,000                              | \$24,000                               | \$0        |
| 2021         | \$6,000                              | \$0                                    | \$0        |
| 2022         | \$6,000                              | \$0                                    | \$0        |
| <b>Total</b> | <b>\$27,000</b>                      | <b>\$24,000</b>                        | <b>\$0</b> |

**9. Compliance with Council objective/strategic plan (if applicable):**

Ortho photography continues to assist decision makers at both the County and local level with more up to date imagery, reduces the frequency of site inspections, provides information for better informed decision making ensuring conformity with the County Official Plan and consistency with the Provincial Policy Statement.

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

Currently all GIS storage is housed on its own server which has capacity with the existing ortho photography, the data space requirements are built into the IT data storage plan

**1. Department / Function: Information Technology**

**Details of Project/Study: Tower Replacement (Ceylon and Woodford)**

**2. Total Gross Cost of Proposed Capital Project/Study: \$390,000**

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              | \$390,000             |           |                 |

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018     | 2019     | 2020     | 2021     | 2022     | Total            |
|--------------|----------|----------|----------|----------|----------|------------------|
| <b>Gross</b> | \$21,000 | \$21,000 | \$21,000 | \$21,000 | \$21,000 | <b>\$105,000</b> |
| <b>Net</b>   | \$0      | \$0      | \$0      | \$0      | \$0      | <b>\$0</b>       |

**3. Estimated Useful Life: 50 years**

**4. Location of Project/Study (if applicable):**

| Facility Name / Address                                     | Municipality |
|-------------------------------------------------------------|--------------|
| 618072 Grey Road 18 (Woodford), 405451 Grey Road 4 (Ceylon) |              |

**5. Need or Benefit(s) of Project (including safety issues):**

Towers have a 50 year life. We are budgeting to replace the tower every 50 years

**6. Scheduling and Cost of Project/Study in 2017-2021 Capital Plan: 12,750**

|              | 2017     | 2018     | 2019     | 2020     | 2021     | Total            |
|--------------|----------|----------|----------|----------|----------|------------------|
| <b>Gross</b> | \$21,000 | \$21,000 | \$21,000 | \$21,000 | \$21,000 | <b>\$105,000</b> |
| <b>Net</b>   | \$0      | \$0      | \$0      | \$0      | \$0      | <b>\$0</b>       |

**7. Consequences/Implications of Not Undertaking Project (including alternatives):**

Tower cannot be insured and may collapse

**8. Identify Sources and Amounts of Funding**

|              | To Reserve - Tower Replacement Reserve | User Fee to Offset Transfer to Reserve |
|--------------|----------------------------------------|----------------------------------------|
| 2018         | \$21,000                               | \$21,000                               |
| 2019         | \$21,000                               | \$21,000                               |
| 2020         | \$21,000                               | \$21,000                               |
| 2021         | \$21,000                               | \$21,000                               |
| 2022         | \$21,000                               | \$21,000                               |
| <b>Total</b> | <b>\$105,000</b>                       | <b>\$105,000</b>                       |

**9. Compliance with Council objective/strategic plan (if applicable):**

Section 1.6 of the Corporate Strat Plan: "Accelerate the commitment to lifecycle planning for long term investment in county owned capital assets"

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

1. **Department / Function:** Information Technology  
**Details of Project/Study:** **Network and Desktop Software Replacement**

2. **Total Gross Cost of Proposed Capital Project/Study:** \$100,000

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              |                       | \$100,000 |                 |

Microsoft Office replacement

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018 | 2019      | 2020 | 2021 | 2022 | Total            |
|--------------|------|-----------|------|------|------|------------------|
| <b>Gross</b> | \$0  | \$100,000 | \$0  | \$0  | \$0  | <b>\$100,000</b> |
| <b>Net</b>   | \$0  | \$0       | \$0  | \$0  | \$0  | <b>\$0</b>       |

3. **Estimated Useful Life:** 5 years

4. **Location of Project/Study (if applicable):**

| Facility Name / Address | Municipality |
|-------------------------|--------------|
| All sites of County     |              |

5. **Need or Benefit(s) of Project (including safety issues):**

Software needs to be upgraded to maintain security and compatibility with current systems

6. **Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:**

|              | 2017 | 2018 | 2019      | 2020 | 2021 | Total            |
|--------------|------|------|-----------|------|------|------------------|
| <b>Gross</b> | \$0  | \$0  | \$100,000 | \$0  | \$0  | <b>\$100,000</b> |
| <b>Net</b>   | \$0  | \$0  | \$0       | \$0  | \$0  | <b>\$0</b>       |

7. **Consequences/Implications of Not Undertaking Project (including alternatives):**

security and interoperability issues with outside agencies and public

8. **Identify Sources and Amounts of Funding**

|              | From Reserve - IT Reserve |
|--------------|---------------------------|
| 2018         | \$0                       |
| 2019         | \$100,000                 |
| 2020         | \$0                       |
| 2021         | \$0                       |
| 2022         | \$0                       |
| <b>Total</b> | <b>\$100,000</b>          |

9. **Compliance with Council objective/strategic plan (if applicable):**

4.4 Embrace and continually invest in technology in order to enhance the operations of all county services as well as the county's overall state of future preparedness.

10. **Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

None

1. **Department / Function: Information Technology**  
**Details of Project/Study: Network Storage Equipment**

2. **Total Gross Cost of Proposed Capital Project/Study: \$100,000**

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              |                       | \$100,000 |                 |

Storage

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018     | 2019     | 2020     | 2021      | 2022     | Total            |
|--------------|----------|----------|----------|-----------|----------|------------------|
| <b>Gross</b> | \$20,000 | \$20,000 | \$20,000 | \$140,000 | \$20,000 | <b>\$220,000</b> |
| <b>Net</b>   | \$0      | \$0      | \$0      | \$0       | \$0      | <b>\$0</b>       |

3. **Estimated Useful Life: 5-6 years**

4. **Location of Project/Study (if applicable):**

| Facility Name / Address | Municipality |
|-------------------------|--------------|
|-------------------------|--------------|

5. **Need or Benefit(s) of Project (including safety issues):**  
data loss

6. **Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:**

|              | 2017      | 2018     | 2019     | 2020     | 2021      | Total            |
|--------------|-----------|----------|----------|----------|-----------|------------------|
| <b>Gross</b> | \$120,000 | \$20,000 | \$20,000 | \$20,000 | \$140,000 | <b>\$320,000</b> |
| <b>Net</b>   | \$0       | \$0      | \$0      | \$0      | \$0       | <b>\$0</b>       |

7. **Consequences/Implications of Not Undertaking Project (including alternatives):**  
data loss

8. **Identify Sources and Amounts of Funding**

|              | From Reserve - IT General | To Reserve - IT General | User Fee to Offset Transfer to Reserve |
|--------------|---------------------------|-------------------------|----------------------------------------|
| 2018         | \$0                       | \$20,000                | \$20,000                               |
| 2019         | \$0                       | \$20,000                | \$20,000                               |
| 2020         | \$0                       | \$20,000                | \$20,000                               |
| 2021         | \$120,000                 | \$20,000                | \$20,000                               |
| 2022         | \$0                       | \$20,000                | \$20,000                               |
| <b>Total</b> | <b>\$120,000</b>          | <b>\$100,000</b>        | <b>\$100,000</b>                       |

9. **Compliance with Council objective/strategic plan (if applicable):**

4.4 Embrace and continually invest in technology in order to enhance the operations of all county services as well as the county's overall state of future preparedness.

10. **Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**  
none

## SUMMARY OF FIVE YEAR CAPITAL & EXTRA-ORDINARY EXPENDITURES

### General Administration

1. **Department / Function: General Administration**

**Details of Project/Study: Building Condition Assessments and Reserve Fund Studies Update**

2. **Total Gross Cost of Proposed Capital Project/Study: \$115,000**

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              | \$115,000             |           |                 |

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018 | 2019 | 2020      | 2021 | 2022 | Total            |
|--------------|------|------|-----------|------|------|------------------|
| <b>Gross</b> | \$0  | \$0  | \$115,000 | \$0  | \$0  | <b>\$115,000</b> |
| <b>Net</b>   | \$0  | \$0  | \$0       | \$0  | \$0  | <b>\$0</b>       |

3. **Estimated Useful Life: 5 years**

4. **Location of Project/Study (if applicable):**

| Facility Name / Address   | Municipality |
|---------------------------|--------------|
| Various County Facilities |              |

5. **Need or Benefit(s) of Project (including safety issues):**

Update the building condition assessments of approximately 50 selected County owned facilities. These condition assessments will document the current condition, as well determine the remaining useful life of the County owned assets. Condition assessments will include but not be limited to the identification of structure, building exterior, building interior, elevator systems, electrical systems, mechanical systems, large equipment items, and code compliance deficiencies. Identified capital repairs will be filtered through a set of criteria, to be developed with the County that will determine a long-term capital re-investment strategy.

6. **Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:**

|              | 2017 | 2018 | 2019 | 2020 | 2021      | Total            |
|--------------|------|------|------|------|-----------|------------------|
| <b>Gross</b> | \$0  | \$0  | \$0  | \$0  | \$115,000 | <b>\$115,000</b> |
| <b>Net</b>   | \$0  | \$0  | \$0  | \$0  | \$0       | <b>\$0</b>       |

7. **Consequences/Implications of Not Undertaking Project (including alternatives):**

If an update to these building condition assessments is not undertaken, proper budget planning may not occur. Capital improvements will be required that may not have been anticipated and budget impacts may occur.

8. **Identify Sources and Amounts of Funding**

|      | From Reserve -<br>Federal Gas Tax<br>Reserve |
|------|----------------------------------------------|
| 2018 | \$0                                          |
| 2019 | \$0                                          |
| 2020 | \$115,000                                    |
| 2021 | \$0                                          |
| 2022 | \$0                                          |

|              |                  |
|--------------|------------------|
| <b>Total</b> | <b>\$115,000</b> |
|--------------|------------------|

**9. Compliance with Council objective/strategic plan (if applicable):**

Part of the County of Grey's Corporate Strategic Plan 2012-2015. Action Item 1.6 Accelerate the commitment to lifecycle planning for long-term investment in county-owned capital assets.

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

Building Condition Assessments and Reserve Fund Studies will require updates every 5 years to remain current and relevant.

1. **Department / Function: General Administration**

Details of Project/Study: **Update of Corporate Strategic Plan**

2. **Total Gross Cost of Proposed Capital Project/Study: \$45,000**

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              | \$45,000              |           |                 |

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018 | 2019 | 2020     | 2021 | 2022 | Total           |
|--------------|------|------|----------|------|------|-----------------|
| <b>Gross</b> | \$0  | \$0  | \$45,000 | \$0  | \$0  | <b>\$45,000</b> |
| <b>Net</b>   | \$0  | \$0  | \$0      | \$0  | \$0  | <b>\$0</b>      |

3. **Estimated Useful Life:** 4 years; to be completed each term of council in its second year

4. **Location of Project/Study (if applicable):**

| Facility Name / Address | Municipality |
|-------------------------|--------------|
|-------------------------|--------------|

5. **Need or Benefit(s) of Project (including safety issues):**

The Corporate Strategic Plan is the guiding document which forms the basis of the corporate operating plan and departmental work plans. The process includes community engagement to ensure that the community has input into the process and council has an understanding of the community's needs. This is perhaps more important at the County level which is a little further removed from the electorate than local municipalities.

6. **Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:**

|              | 2017 | 2018 | 2019 | 2020     | 2021 | Total           |
|--------------|------|------|------|----------|------|-----------------|
| <b>Gross</b> | \$0  | \$0  | \$0  | \$81,000 | \$0  | <b>\$81,000</b> |
| <b>Net</b>   | \$0  | \$0  | \$0  | \$0      | \$0  | <b>\$0</b>      |

7. **Consequences/Implications of Not Undertaking Project (including alternatives):**

It is often said that any road will get you there if you don't know where you are going. The Corporate Strategic Plan serves as the guiding document to ensure that financial and human resources remain aligned with council's priorities. It is often easy to add ad hoc initiatives and the use of a corporate strategic plan, supported by the corporate operating plan and departmental operating plans ensures that ad hoc initiatives line up with these or are only added if the resources are available to proceed.

8. **Identify Sources and Amounts of Funding**

|              | From Reserve - Strategic Initiatives Reserve |
|--------------|----------------------------------------------|
| 2018         | \$0                                          |
| 2019         | \$0                                          |
| 2020         | \$45,000                                     |
| 2021         | \$0                                          |
| 2022         | \$0                                          |
| <b>Total</b> | <b>\$45,000</b>                              |

**9. Compliance with Council objective/strategic plan (if applicable):**

A complete review of the Corporate Strategic Plan, including internal and external consultation, is to be undertaken every four years, as per the County of Grey Corporate Strategic Plan 2012-2015. This plan was approved by Grey County Council January 3, 2012.

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

A consultant will be contracted to support the initiative. There will be staff time involved in managing the process. It is anticipated that the process will be lead by a small group of councillors and staff and there will be added meeting time associated with this project. There will also be a need for involvement of the Communications Coordinator and efforts made to ensure that the public has as much opportunity as possible to participate.

There are no legal implications.

IT support will be minimal.

**SUMMARY OF FIVE YEAR CAPITAL &  
EXTRA-ORDINARY EXPENDITURES**  
**Property - Administration Building**

| PROJECT                                                              | 2017<br>Approved<br>Budget | 2018-2022 Five Year Capital & Extra-Ordinary Expenditures |         |           |         |         |           |
|----------------------------------------------------------------------|----------------------------|-----------------------------------------------------------|---------|-----------|---------|---------|-----------|
|                                                                      |                            | 2018                                                      | 2019    | 2020      | 2021    | 2022    | TOTAL     |
| <b>Administration/POA Building Expansion</b>                         |                            |                                                           |         |           |         |         |           |
| Debenture Payment                                                    | 706,539                    | 706,539                                                   | 706,539 | 706,539   | 706,539 | 706,539 | 3,532,695 |
| <b>Capital Improvements - County Admin. Property Bldgs. Envelope</b> |                            |                                                           |         |           |         |         |           |
| To Reserve - Admin. Property Bldgs. Reserve                          | 78,740                     | 80,300                                                    | 81,900  | 83,500    | 85,200  | 86,900  | 417,800   |
| <b>Flag Pole Replacement</b>                                         | 6,500                      | 6,500                                                     |         |           |         |         | 6,500     |
| From Reserve - Admin. Property Bldgs. Reserve                        | (6,500)                    | (6,500)                                                   |         |           |         |         | (6,500)   |
| <b>Painting of the Exterior of Admin. Bldg. and Balcony Decks</b>    |                            | 50,000                                                    |         |           |         |         | 50,000    |
| From Reserve - Admin. Property Bldgs Reserve                         |                            | (50,000)                                                  |         |           |         |         | (50,000)  |
| <b>Replace Fencing Handrails, Exterior Stairs</b>                    |                            | 12,000                                                    |         |           |         |         | 12,000    |
| From Reserve - Admin. Property Bldgs. Reserve                        |                            | (12,000)                                                  |         |           |         |         | (12,000)  |
| <b>Replace Skylights</b>                                             |                            | 10,000                                                    |         |           |         |         | 10,000    |
| From Reserve - From Reserve - Admin Property Bldgs Reserve           |                            | (10,000)                                                  |         |           |         |         | (10,000)  |
| <b>Decommissioning of Provincial Offences Building</b>               |                            |                                                           |         | 50,000    |         |         | 50,000    |
| From Reserve - From Reserve - Admin Property Bldgs Reserve           |                            |                                                           |         | (50,000)  |         |         | (50,000)  |
| <b>Replace Asphalt, Upper Parking Lot</b>                            |                            |                                                           |         | 130,000   |         |         | 130,000   |
| From Reserve - Admin. Property Bldgs Reserve                         |                            |                                                           |         | (130,000) |         |         | (130,000) |
| <b>Roof Replacement - Existing Administration Building</b>           | 470,000                    |                                                           |         |           |         |         |           |
| From Reserve - One Time Reserve                                      | (410,000)                  |                                                           |         |           |         |         |           |
| From Reserve - Admin. Property Reserve                               | (60,000)                   |                                                           |         |           |         |         |           |

| PROJECT                                                    | 2017<br>Approved<br>Budget | 2018-2022 Five Year Capital & Extra-Ordinary Expenditures |                |                |                |                |                  |
|------------------------------------------------------------|----------------------------|-----------------------------------------------------------|----------------|----------------|----------------|----------------|------------------|
|                                                            |                            | 2018                                                      | 2019           | 2020           | 2021           | 2022           | TOTAL            |
| <b>Workstation Replacement and Upgrades</b>                | 200,000                    |                                                           |                |                |                |                |                  |
| From Reserve - One Time Reserve                            | (200,000)                  |                                                           |                |                |                |                |                  |
| <b>Replace Carpet - Existing Administration Building</b>   | 112,000                    |                                                           |                |                |                |                |                  |
| From Reserve - One Time Reserve                            | (112,000)                  |                                                           |                |                |                |                |                  |
| <b>Building Security and Council Chambers Audio/Visual</b> | 100,000                    |                                                           |                |                |                |                |                  |
| From Reserve - One Time Reserve                            | (100,000)                  |                                                           |                |                |                |                |                  |
| <b>HVAC system Morrison Building</b>                       | 13,500                     |                                                           |                |                |                |                |                  |
| From Reserve - Admin Property Bldgs. Reserve               | (13,500)                   |                                                           |                |                |                |                |                  |
| <b>NET LEVY REQUIREMENTS</b>                               | <b>785,279</b>             | <b>786,839</b>                                            | <b>788,439</b> | <b>790,039</b> | <b>791,739</b> | <b>793,439</b> | <b>3,950,495</b> |

1. **Department / Function: Property - Administration Building**  
**Details of Project/Study: Administration/POA Building Expansion**

2. **Total Gross Cost of Proposed Capital Project/Study: \$12,123,277**

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              | \$12,123,277          |           |                 |

Project gross cost estimate based on the awarded RFP-FIN-01-16 for the Administration Building Addition and Alterations. Project was awarded to Devlan Construction Ltd. for a bid price of \$10,643,000, excluding HST.

Project cost includes a \$250,000 contingency for items required relating to Site Plan Approval. As well as Architect services fees and other client fees. Total estimated project cost, net of refundable HST, is \$12,123,277.

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018      | 2019      | 2020      | 2021      | 2022      | Total              |
|--------------|-----------|-----------|-----------|-----------|-----------|--------------------|
| <b>Gross</b> | \$706,539 | \$706,539 | \$706,539 | \$706,539 | \$706,539 | <b>\$3,532,695</b> |
| <b>Net</b>   | \$706,539 | \$706,539 | \$706,539 | \$706,539 | \$706,539 | <b>\$3,532,695</b> |

3. **Estimated Useful Life: 50 years**

4. **Location of Project/Study (if applicable):**

| Facility Name / Address | Municipality       |
|-------------------------|--------------------|
| 595 9th Avenue East     | City of Owen Sound |

5. **Need or Benefit(s) of Project (including safety issues):**

The firm of Ventin Group Ltd. Architects was contracted to undertake an analysis of the County's current space needs for the County's administration building and Provincial Offences' (POA) administration and court facilities, to determine what the County's potential needs will be in the future (10-15 years) for the County's departments (staff, clients and the public).

The study concluded that there is a deficiency of 73,700 sq. ft. in the administration building and 29,600 sq. ft. in the POA building to meet current and future needs. One of the most pressing needs is to create more functional space for the POA functions, including courtroom facilities.

A task force was established in 2012 to review the findings, conclusions and recommendations of the Ventin Group's analysis of Grey County administration space needs, as outlined in its report, Space Need Study of the Administration/POA Court dated October 11, 2011, and undertake additional research and enquiry as deemed necessary to make recommendations to the Corporate Services Committee on a preferred course of action to satisfy identified space needs.

Space Needs Task Force has recommended as of April 9, 2013 to hire the Ventin Group to provide, as the next step in the process, concept design drawings, suggested floor plan layouts and construction cost estimates for a 35-40,000 square foot addition at the rear of the administration building.

On February 21, 2014, the Space Needs Task Force recommended to the Corporate Services Committee that a two storey addition to the County Administration building be considered as proposed by Ventin Group Architects. Once the preferred option for the addition is confirmed, the Ventin Group will develop more detailed drawings and estimated costs for consideration.

The Ventin Group provided an overview of the proposed addition and renovation to the Grey County Administration Building to County Council on April 7, 2015. As part of this presentation, the Ventin Group provided a estimated construction cost for the Administration/POA Building renovation/expansion of \$11,990,700 based on the Class 'D' estimate that had been completed.

County Council endorsed at the April 7, 2015 council session, that the Ventin Group be authorized to complete detailed construction drawings for the proposed addition and renovation to the Administration Building and that these drawings be brought back to County Council for consideration prior to the tendering process.

In January 2016, the estimated project cost was revised to \$13,348,001 inclusive of architectural, engineering and permit fees with \$524,958 expensed in the 2015 capital budget. This results in an estimate expense of \$12,823,043 in 2016 that would be funded through use of \$140,000 from development charges, \$2,854,138 from reserve funding and issuing a debenture for the remaining \$9,828,905.

The County received 26 submissions to the RFP-FIN-01-16. The tender closed on May 19, 2016. This project was recommended to be awarded to Devlan Construction Ltd with their tendered price of \$10,643,000 in Report FR-CC-18-16.

#### 6. Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:

|              | 2017      | 2018      | 2019      | 2020      | 2021      | Total              |
|--------------|-----------|-----------|-----------|-----------|-----------|--------------------|
| <b>Gross</b> | \$816,204 | \$816,204 | \$816,204 | \$816,204 | \$816,204 | <b>\$4,081,020</b> |
| <b>Net</b>   | \$816,204 | \$816,204 | \$816,204 | \$816,204 | \$816,204 | <b>\$4,081,020</b> |

#### 7. Consequences/Implications of Not Undertaking Project (including alternatives):

Efficient and effective space allocation is essential for service excellence and the health, safety and wellness of employees.

#### 8. Identify Sources and Amounts of Funding

|              | Debenture  | To Reserve - Administration/POA Building Expansion Reserve | From Reserve - Administration/POA Building Expansion Reserve | From Reserve - Development Charges | Debenture Payment  |
|--------------|------------|------------------------------------------------------------|--------------------------------------------------------------|------------------------------------|--------------------|
| 2018         | \$0        | \$0                                                        | \$0                                                          | \$0                                | \$706,539          |
| 2019         | \$0        | \$0                                                        | \$0                                                          | \$0                                | \$706,539          |
| 2020         | \$0        | \$0                                                        | \$0                                                          | \$0                                | \$706,539          |
| 2021         | \$0        | \$0                                                        | \$0                                                          | \$0                                | \$706,539          |
| 2022         | \$0        | \$0                                                        | \$0                                                          | \$0                                | \$706,539          |
| <b>Total</b> | <b>\$0</b> | <b>\$0</b>                                                 | <b>\$0</b>                                                   | <b>\$0</b>                         | <b>\$3,532,695</b> |

#### 9. Compliance with Council objective/strategic plan (if applicable):

Addressing administration space issues is a key to the strategic objective of improving the effectiveness and efficiency fo servicy delivery. It is also fundamental that the work place environment be safe, comfortable and supportive of employee wellness.

#### 10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):

1. **Department / Function: Property - Administration Building**  
**Details of Project/Study: Capital Improvements - County Admin. Property Bldgs. Envelope**

2. **Total Gross Cost of Proposed Capital Project/Study: \$417,800**

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              | \$417,800             |           |                 |

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018     | 2019     | 2020     | 2021     | 2022     | Total            |
|--------------|----------|----------|----------|----------|----------|------------------|
| <b>Gross</b> | \$80,300 | \$81,900 | \$83,500 | \$85,200 | \$86,900 | <b>\$417,800</b> |
| <b>Net</b>   | \$80,300 | \$81,900 | \$83,500 | \$85,200 | \$86,900 | <b>\$417,800</b> |

3. **Estimated Useful Life:** Ongoing for the life of the building

4. **Location of Project/Study (if applicable):**

| Facility Name / Address                                                   | Municipality       |
|---------------------------------------------------------------------------|--------------------|
| Admin. Bldg., Admin. Garage, Morrison Bldg., and Old Museum Storage Bldg. | City of Owen Sound |

5. **Need or Benefit(s) of Project (including safety issues):**

Maintain funding levels to provide reserve funding for future capital maintenance and repairs which will become necessary for this envelope of buildings. Items were identified in the 2011 Building Condition Assessment Study, sufficient annual contributions need to be made to reserve in order to ensure adequate funds are available for the replacement of future building and equipment components.

6. **Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:**

|              | 2017     | 2018     | 2019     | 2020     | 2021     | Total            |
|--------------|----------|----------|----------|----------|----------|------------------|
| <b>Gross</b> | \$78,740 | \$81,890 | \$85,166 | \$88,572 | \$92,116 | <b>\$426,484</b> |
| <b>Net</b>   | \$78,740 | \$81,890 | \$85,166 | \$88,572 | \$92,116 | <b>\$426,484</b> |

7. **Consequences/Implications of Not Undertaking Project (including alternatives):**

Mechanical or structural failures to major components of the building and by not having sufficient funds being set aside will have serious impact on future budgets.

8. **Identify Sources and Amounts of Funding**

|              | To Reserve -<br>Admin.<br>Property Bldgs.<br>Reserve |
|--------------|------------------------------------------------------|
| 2018         | \$80,300                                             |
| 2019         | \$81,900                                             |
| 2020         | \$83,500                                             |
| 2021         | \$85,200                                             |
| 2022         | \$86,900                                             |
| <b>Total</b> | <b>\$417,800</b>                                     |

**9. Compliance with Council objective/strategic plan (if applicable):**

1.6 Accelerate the commitment to lifecycle planning for long term investment in county owned capital assets.

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

**1. Department / Function: Property - Administration Building**

**Details of Project/Study: Flag Pole Replacement**

**2. Total Gross Cost of Proposed Capital Project/Study: \$6,500**

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              | \$6,500               |           |                 |

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018    | 2019 | 2020 | 2021 | 2022 | Total          |
|--------------|---------|------|------|------|------|----------------|
| <b>Gross</b> | \$6,500 | \$0  | \$0  | \$0  | \$0  | <b>\$6,500</b> |
| <b>Net</b>   | \$0     | \$0  | \$0  | \$0  | \$0  | <b>\$0</b>     |

**3. Estimated Useful Life:**

**4. Location of Project/Study (if applicable):**

| Facility Name / Address         | Municipality       |
|---------------------------------|--------------------|
| 595 9th Avenue East, Owen Sound | City of Owen Sound |

**5. Need or Benefit(s) of Project (including safety issues):**

Installation of fiberglass flag poles installed into soft ground at the administration building. Three poles to be installed.

**6. Scheduling and Cost of Project/Study in 2017-2021 Capital Plan: \$6,500 - 2016 Budget**

|              | 2017 | 2018 | 2019 | 2020 | 2021 | Total      |
|--------------|------|------|------|------|------|------------|
| <b>Gross</b> | \$0  | \$0  | \$0  | \$0  | \$0  | <b>\$0</b> |
| <b>Net</b>   | \$0  | \$0  | \$0  | \$0  | \$0  | <b>\$0</b> |

**7. Consequences/Implications of Not Undertaking Project (including alternatives):**

Without the installation of new poles, the current poles could become a safety issue as they are currently loose in the ground.

**8. Identify Sources and Amounts of Funding**

|              | From Reserve -<br>Admin.<br>Property Bldgs.<br>Reserve |
|--------------|--------------------------------------------------------|
| 2018         | \$6,500                                                |
| 2019         | \$0                                                    |
| 2020         | \$0                                                    |
| 2021         | \$0                                                    |
| 2022         | \$0                                                    |
| <b>Total</b> | <b>\$6,500</b>                                         |

**9. Compliance with Council objective/strategic plan (if applicable):**

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

1. **Department / Function:** **Property - Administration Building**  
**Details of Project/Study:** **Painting of the Exterior of Admin. Bldg. and Balcony Decks**

2. **Total Gross Cost of Proposed Capital Project/Study:** \$50,000

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              | \$50,000              |           |                 |

Maintain exterior of building - period painting and balcony deck treatment is required. This project has been deferred for several years as the work would need to be redone after a building renovation.

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018     | 2019 | 2020 | 2021 | 2022 | Total           |
|--------------|----------|------|------|------|------|-----------------|
| <b>Gross</b> | \$50,000 | \$0  | \$0  | \$0  | \$0  | <b>\$50,000</b> |
| <b>Net</b>   | \$0      | \$0  | \$0  | \$0  | \$0  | <b>\$0</b>      |

3. **Estimated Useful Life:** 7+ years

4. **Location of Project/Study (if applicable):**

| Facility Name / Address | Municipality       |
|-------------------------|--------------------|
| 595 9th Avenue East     | City of Owen Sound |

5. **Need or Benefit(s) of Project (including safety issues):**

In 2007 extensive repairs and painting were completed to the exterior of the Administration building. This included parging, painting walls and treating the balcony decks. To maintain the exterior of the building, periodic painting and balcony deck treatment will be required. This project was not completed in 2015, carried forward to 2016 and now recommended to be further deferred to 2018 until after a building renovation has been completed.

6. **Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:**

|              | 2017     | 2018 | 2019 | 2020 | 2021 | Total           |
|--------------|----------|------|------|------|------|-----------------|
| <b>Gross</b> | \$35,000 | \$0  | \$0  | \$0  | \$0  | <b>\$35,000</b> |
| <b>Net</b>   | \$0      | \$0  | \$0  | \$0  | \$0  | <b>\$0</b>      |

7. **Consequences/Implications of Not Undertaking Project (including alternatives):**

Weathering will deteriorate the building as it continues to age and if this preventative maintenance is not done periodically, it will result in more extensive repairs and refurbishing using more specialized contractors to maintain the appearance of the building.

8. **Identify Sources and Amounts of Funding**

|      | From Reserve -<br>Admin.<br>Property Bldgs<br>Reserve |
|------|-------------------------------------------------------|
| 2018 | \$50,000                                              |
| 2019 | \$0                                                   |
| 2020 | \$0                                                   |
| 2021 | \$0                                                   |

|              |                 |
|--------------|-----------------|
| 2022         | \$0             |
| <b>Total</b> | <b>\$50,000</b> |

9. **Compliance with Council objective/strategic plan (if applicable):**

10. **Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

1. **Department / Function:** **Property - Administration Building**  
**Details of Project/Study:** **Replace Fencing Handrails, Exterior Stairs**

2. **Total Gross Cost of Proposed Capital Project/Study:** \$12,000

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
| \$12,000     |                       |           |                 |

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018     | 2019 | 2020 | 2021 | 2022 | Total           |
|--------------|----------|------|------|------|------|-----------------|
| <b>Gross</b> | \$12,000 | \$0  | \$0  | \$0  | \$0  | <b>\$12,000</b> |
| <b>Net</b>   | \$0      | \$0  | \$0  | \$0  | \$0  | <b>\$0</b>      |

3. **Estimated Useful Life:** 30 years

4. **Location of Project/Study (if applicable):**

| Facility Name / Address                                  | Municipality       |
|----------------------------------------------------------|--------------------|
| Administration Building, 595 9th Avenue East, Owen Sound | City of Owen Sound |

5. **Need or Benefit(s) of Project (including safety issues):**

Exterior pipe hand rails on north and south sides of building and handrails at sidewalks to west of building. Bases are rusting and will need to be replaced for safety reasons as noted in the Building Condition Assessment 2011

6. **Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:**

|              | 2017     | 2018 | 2019 | 2020 | 2021 | Total           |
|--------------|----------|------|------|------|------|-----------------|
| <b>Gross</b> | \$11,000 | \$0  | \$0  | \$0  | \$0  | <b>\$11,000</b> |
| <b>Net</b>   | \$0      | \$0  | \$0  | \$0  | \$0  | <b>\$0</b>      |

7. **Consequences/Implications of Not Undertaking Project (including alternatives):**

Safety issues and associated liability

8. **Identify Sources and Amounts of Funding**

|              | From Reserve -<br>Admin.<br>Property Bldgs.<br>Reserve |
|--------------|--------------------------------------------------------|
| 2018         | \$12,000                                               |
| 2019         | \$0                                                    |
| 2020         | \$0                                                    |
| 2021         | \$0                                                    |
| 2022         | \$0                                                    |
| <b>Total</b> | <b>\$12,000</b>                                        |

**9. Compliance with Council objective/strategic plan (if applicable):**

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

**1. Department / Function: Property - Administration Building**

**Details of Project/Study: Replace Skylights**

**2. Total Gross Cost of Proposed Capital Project/Study: \$10,000**

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              | \$10,000              |           |                 |

Remove and dispose of existing skylights, replace and seal new skylights

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018     | 2019 | 2020 | 2021 | 2022 | Total           |
|--------------|----------|------|------|------|------|-----------------|
| <b>Gross</b> | \$10,000 | \$0  | \$0  | \$0  | \$0  | <b>\$10,000</b> |
| <b>Net</b>   | \$0      | \$0  | \$0  | \$0  | \$0  | <b>\$0</b>      |

**3. Estimated Useful Life:**

**4. Location of Project/Study (if applicable):**

| Facility Name / Address                                  | Municipality       |
|----------------------------------------------------------|--------------------|
| Administration Building, 595 9th Avenue East, Owen Sound | City of Owen Sound |

**5. Need or Benefit(s) of Project (including safety issues):**

The existing skylights are not leaking but are nearing the end of life.

**6. Scheduling and Cost of Project/Study in 2017-2021 Capital Plan: not in plan**

|              | 2017 | 2018 | 2019 | 2020 | 2021 | Total      |
|--------------|------|------|------|------|------|------------|
| <b>Gross</b> | \$0  | \$0  | \$0  | \$0  | \$0  | <b>\$0</b> |
| <b>Net</b>   | \$0  | \$0  | \$0  | \$0  | \$0  | <b>\$0</b> |

**7. Consequences/Implications of Not Undertaking Project (including alternatives):**

Water damage if skylights leak.

**8. Identify Sources and Amounts of Funding**

|              | From Reserve -<br>From Reserve -<br>Admin Property<br>Bldgs Reserve |
|--------------|---------------------------------------------------------------------|
| 2018         | \$10,000                                                            |
| 2019         | \$0                                                                 |
| 2020         | \$0                                                                 |
| 2021         | \$0                                                                 |
| 2022         | \$0                                                                 |
| <b>Total</b> | <b>\$10,000</b>                                                     |

**9. Compliance with Council objective/strategic plan (if applicable):**

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

1. **Department / Function:** **Property - Administration Building**  
**Details of Project/Study:** **Decommissioning of Provincial Offences Building**

2. **Total Gross Cost of Proposed Capital Project/Study:** \$50,000

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              | \$50,000              |           |                 |

decommission existing Provincial Offences Building. Work with contractor to remove/abate and hazardous materials, demolition of building and site restoration as required

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018 | 2019 | 2020     | 2021 | 2022 | Total           |
|--------------|------|------|----------|------|------|-----------------|
| <b>Gross</b> | \$0  | \$0  | \$50,000 | \$0  | \$0  | <b>\$50,000</b> |
| <b>Net</b>   | \$0  | \$0  | \$0      | \$0  | \$0  | <b>\$0</b>      |

3. **Estimated Useful Life:**

4. **Location of Project/Study (if applicable):**

| Facility Name / Address                                                  | Municipality       |
|--------------------------------------------------------------------------|--------------------|
| Provincial Offences Building located on Administration Building Property | City of Owen Sound |

5. **Need or Benefit(s) of Project (including safety issues):**

After Administration Building expansion completed, building no longer required.

6. **Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:** not in plan

|              | 2017 | 2018 | 2019 | 2020 | 2021 | Total      |
|--------------|------|------|------|------|------|------------|
| <b>Gross</b> | \$0  | \$0  | \$0  | \$0  | \$0  | <b>\$0</b> |
| <b>Net</b>   | \$0  | \$0  | \$0  | \$0  | \$0  | <b>\$0</b> |

7. **Consequences/Implications of Not Undertaking Project (including alternatives):**

Cost to maintain building that is no longer in use.

8. **Identify Sources and Amounts of Funding**

|              | From Reserve -<br>From Reserve -<br>Admin Property<br>Bldgs Reserve |
|--------------|---------------------------------------------------------------------|
| 2018         | \$0                                                                 |
| 2019         | \$0                                                                 |
| 2020         | \$50,000                                                            |
| 2021         | \$0                                                                 |
| 2022         | \$0                                                                 |
| <b>Total</b> | <b>\$50,000</b>                                                     |

**9. Compliance with Council objective/strategic plan (if applicable):**

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

1. **Department / Function:** **Property - Administration Building**  
**Details of Project/Study:** **Replace Asphalt, Upper Parking Lot**

2. **Total Gross Cost of Proposed Capital Project/Study:** \$130,000

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              | \$130,000             |           |                 |

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018 | 2019 | 2020      | 2021 | 2022 | Total            |
|--------------|------|------|-----------|------|------|------------------|
| <b>Gross</b> | \$0  | \$0  | \$130,000 | \$0  | \$0  | <b>\$130,000</b> |
| <b>Net</b>   | \$0  | \$0  | \$0       | \$0  | \$0  | <b>\$0</b>       |

3. **Estimated Useful Life:** 20 years

4. **Location of Project/Study (if applicable):**

| Facility Name / Address | Municipality       |
|-------------------------|--------------------|
| 595 9th Avenue East     | City of Owen Sound |

5. **Need or Benefit(s) of Project (including safety issues):**

Replace asphalt in parking lot at rear of Administration Building. Asphalt in upper parking lot has many cracks, pot holes starting to develop; Transportation Services estimate in 2013 was 5 years remaining useful life.

6. **Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:** replacement recommended in 2013-2017 plan

|              | 2017 | 2018      | 2019 | 2020 | 2021 | Total            |
|--------------|------|-----------|------|------|------|------------------|
| <b>Gross</b> | \$0  | \$130,000 | \$0  | \$0  | \$0  | <b>\$130,000</b> |
| <b>Net</b>   | \$0  | \$0       | \$0  | \$0  | \$0  | <b>\$0</b>       |

7. **Consequences/Implications of Not Undertaking Project (including alternatives):**

Maintenance requirements to repair pot holes will increase as surface degrades; trip and fall concern to staff and visitors to the County Building.

8. **Identify Sources and Amounts of Funding**

|              | From Reserve -<br>Admin.<br>Property Bldgs<br>Reserve |
|--------------|-------------------------------------------------------|
| 2018         | \$0                                                   |
| 2019         | \$0                                                   |
| 2020         | \$130,000                                             |
| 2021         | \$0                                                   |
| 2022         | \$0                                                   |
| <b>Total</b> | <b>\$130,000</b>                                      |

**9. Compliance with Council objective/strategic plan (if applicable):**

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**



**SUMMARY OF FIVE YEAR CAPITAL &  
EXTRA-ORDINARY EXPENDITURES**  
Planning and Community Development Summary

| COMMITTEE/FUNCTION           | 2017<br>Approved<br>Budget | 2018-2022 Five Year Capital & Extra-Ordinary Expenditures |                |                |                |                |                  |
|------------------------------|----------------------------|-----------------------------------------------------------|----------------|----------------|----------------|----------------|------------------|
|                              |                            | 2018                                                      | 2019           | 2020           | 2021           | 2022           | TOTAL            |
| Planning & Development       | 9,500                      | 4,000                                                     | 4,000          | 5,500          | 6,000          | 5,500          | 25,000           |
| Trails                       | 50,000                     | 75,000                                                    | 75,000         | 75,000         | 75,000         | 75,000         | 375,000          |
| Economic Development         | 15,000                     | 42,500                                                    | 42,500         | 42,500         | 42,500         | 42,500         | 212,500          |
| Tourism                      | 17,500                     | 17,500                                                    | 17,500         | 17,500         | 17,500         | 17,500         | 87,500           |
| Heritage                     | 310,900                    | 317,300                                                   | 323,700        | 330,300        | 337,000        | 343,700        | 1,652,000        |
| <b>NET LEVY REQUIREMENTS</b> | <b>402,900</b>             | <b>456,300</b>                                            | <b>462,700</b> | <b>470,800</b> | <b>478,000</b> | <b>484,200</b> | <b>2,352,000</b> |

**SUMMARY OF FIVE YEAR CAPITAL &  
EXTRA-ORDINARY EXPENDITURES**  
Planning & Development

| PROJECT                                                 | 2017<br>Approved<br>Budget | 2018-2022 Five Year Capital & Extra-Ordinary Expenditures |              |              |              |              |               |
|---------------------------------------------------------|----------------------------|-----------------------------------------------------------|--------------|--------------|--------------|--------------|---------------|
|                                                         |                            | 2018                                                      | 2019         | 2020         | 2021         | 2022         | TOTAL         |
| <b>Growth Management Study and Housing Study Update</b> |                            |                                                           | 70,000       |              |              |              | 70,000        |
| From Reserve - Development Charges                      |                            |                                                           | (56,000)     |              |              |              | (56,000)      |
| From Reserve - Growth Management Study Update Reserve   |                            |                                                           | (14,000)     |              |              |              | (14,000)      |
| To Reserve - Growth Management Study Update Reserve     | 3,500                      |                                                           |              | 1,500        | 1,500        | 1,500        | 4,500         |
| <b>Multi-Function Plotter/Scanner (MFP)</b>             |                            |                                                           | 20,000       |              |              |              | 20,000        |
| From Reserve - Plotter Replacement                      |                            |                                                           | (20,000)     |              |              |              | (20,000)      |
| To Reserve - Plotter Replacement                        | 4,000                      | 4,000                                                     | 4,000        | 4,000        | 1,000        | 4,000        | 17,000        |
| <b>Development Charges - 5 Year Review</b>              |                            |                                                           |              |              | 50,000       |              | 50,000        |
| From Reserve - Development Charges                      |                            |                                                           |              |              | (40,500)     |              | (40,500)      |
| From Reserve - General Planning                         |                            |                                                           |              |              | (6,000)      |              | (6,000)       |
| <b>Housing Data Update</b>                              |                            |                                                           |              |              |              |              |               |
| To Reserve - Planning Studies                           | 2,000                      |                                                           |              |              |              |              |               |
| <b>Planning Application - Tracking Software</b>         | 75,000                     |                                                           |              |              |              |              |               |
| From Reserve - Planning General                         | (21,000)                   |                                                           |              |              |              |              |               |
| From Reserve - Development Charges                      | (54,000)                   |                                                           |              |              |              |              |               |
| <b>Sourcewater Protection Implementation</b>            | 10,000                     |                                                           |              |              |              |              |               |
| Fed/Prov Grants                                         | (10,000)                   |                                                           |              |              |              |              |               |
| <b>NET LEVY REQUIREMENTS</b>                            | <b>9,500</b>               | <b>4,000</b>                                              | <b>4,000</b> | <b>5,500</b> | <b>6,000</b> | <b>5,500</b> | <b>25,000</b> |

**1. Department / Function: Planning & Development**

**Details of Project/Study: Growth Management Study and Housing Study Update**

**2. Total Gross Cost of Proposed Capital Project/Study: \$70,000**

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              | \$70,000              |           |                 |

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018 | 2019     | 2020    | 2021    | 2022    | Total           |
|--------------|------|----------|---------|---------|---------|-----------------|
| <b>Gross</b> | \$0  | \$70,000 | \$1,500 | \$1,500 | \$1,500 | <b>\$74,500</b> |
| <b>Net</b>   | \$0  | \$0      | \$1,500 | \$1,500 | \$1,500 | <b>\$4,500</b>  |

**3. Estimated Useful Life:**

**4. Location of Project/Study (if applicable):**

| Facility Name / Address | Municipality |
|-------------------------|--------------|
|-------------------------|--------------|

**5. Need or Benefit(s) of Project (including safety issues):**

The growth management study includes permanent population projections, household projections and employment growth projections and allocates the projected growth to the local municipalities. The Housing Study update is important to keep housing policies current in the County Official Plan as well as ensuring that we are directing housing funds to the areas of highest need. These studies have been done separately in the past but the data and information from each study is complimentary to one another and therefore it is recommended we complete both studies at the same time. The initial proposal was to update the Housing Study in 2018 when the census data was going to be released and to update the Growth Management Study in 2020. The proposal is to now do both in 2019. Based on the growth currently being experienced, it is important to update the Growth Management Study earlier to make policies and programs are responding to the needs being created from the growth. The growth projection information is used for a number of projects and studies conducted by the County including development charges background study, housing study, transportation planning, and is necessary to update policies in the County Official Plan.

**6. Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:**

|              | 2017    | 2018    | 2019    | 2020     | 2021    | Total           |
|--------------|---------|---------|---------|----------|---------|-----------------|
| <b>Gross</b> | \$3,500 | \$1,500 | \$1,500 | \$61,700 | \$2,200 | <b>\$70,400</b> |
| <b>Net</b>   | \$3,500 | \$1,500 | \$1,500 | \$1,700  | \$2,200 | <b>\$10,400</b> |

**7. Consequences/Implications of Not Undertaking Project (including alternatives):**

By not having current growth data and housing data, studies that rely on accurate growth and housing information will produce inaccurate results which can lead to decisions that are misinformed which could lead to legal challenges on the accuracy of the data/policies at the Ontario Municipal Board. It is critical to update the growth projection and allocation data to ensure that policies/studies are responsive.

**8. Identify Sources and Amounts of Funding**

|  | From Reserve - | From Reserve - | To Reserve - | From Reserve - |
|--|----------------|----------------|--------------|----------------|
|  | Growth         | Growth         | Growth       | Growth         |

|              | <b>Development Charges</b> | <b>Management Study Update Reserve</b> | <b>Management Study Update Reserve</b> | <b>Planning General Reserve</b> |
|--------------|----------------------------|----------------------------------------|----------------------------------------|---------------------------------|
| 2018         | \$0                        | \$0                                    | \$0                                    | \$0                             |
| 2019         | \$56,000                   | \$14,000                               | \$0                                    | \$0                             |
| 2020         | \$0                        | \$0                                    | \$1,500                                | \$0                             |
| 2021         | \$0                        | \$0                                    | \$1,500                                | \$0                             |
| 2022         | \$0                        | \$0                                    | \$1,500                                | \$0                             |
| <b>Total</b> | <b>\$56,000</b>            | <b>\$14,000</b>                        | <b>\$4,500</b>                         | <b>\$0</b>                      |

**9. Compliance with Council objective/strategic plan (if applicable):**

The County Strategic Plan indicates that the County should continue to grow the Grey County economy and to support healthy, connected communities. Accurate growth projection/allocation and housing information will ensure that Council has the necessary information to make informed decisions and to assist in achieving the goals in the Strategic Plan.

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

Inaccurate growth data could lead to decisions that are misinformed which could lead to legal challenges on the accuracy of the data/policies at the Ontario Municipal Board. Growth information is used for a number of studies, including the calculation of development charges, and if the data is inaccurate it could lead to improper fees being collected or imbalanced budgets which could have a financial impact on the County. The majority of this study will be funded through development charges.

The Growth Management Study Update and the last Housing Study Update was completed in 2015. It is recommended that these studies be combined and updated in 2019.

**1. Department / Function: Planning & Development**

**Details of Project/Study: Multi-Function Plotter/Scanner (MFP)**

**2. Total Gross Cost of Proposed Capital Project/Study: \$20,000**

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              |                       | \$20,000  |                 |

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018    | 2019     | 2020    | 2021    | 2022    | Total           |
|--------------|---------|----------|---------|---------|---------|-----------------|
| <b>Gross</b> | \$4,000 | \$24,000 | \$4,000 | \$1,000 | \$4,000 | <b>\$37,000</b> |
| <b>Net</b>   | \$4,000 | \$4,000  | \$4,000 | \$1,000 | \$4,000 | <b>\$17,000</b> |

**3. Estimated Useful Life: 5 years**

**4. Location of Project/Study (if applicable):**

| Facility Name / Address                    | Municipality |
|--------------------------------------------|--------------|
| County Administration Building - Tech Area |              |

**5. Need or Benefit(s) of Project (including safety issues):**

The current multi-function plotter was replaced in 2014. The MFP is estimated to be less than \$20,000 which will include a 5 year warranty and service plan. Given that the warranty will be for 5 years, the capital budget for the plotter has been adjusted anticipating that the MFP will need to be replaced in 5 years. Based on the addition and the relocation of the Planning Department, it may be necessary to purchase a second plotter so that a plotter would be available in the Transportation Services area and the Planning Department work area.

**6. Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:**

|              | 2017    | 2018    | 2019     | 2020    | 2021    | Total           |
|--------------|---------|---------|----------|---------|---------|-----------------|
| <b>Gross</b> | \$4,000 | \$4,000 | \$24,000 | \$4,000 | \$4,000 | <b>\$40,000</b> |
| <b>Net</b>   | \$4,000 | \$4,000 | \$4,000  | \$4,000 | \$4,000 | <b>\$20,000</b> |

**7. Consequences/Implications of Not Undertaking Project (including alternatives):**

If a large format plotter/scanner is not available, the ability to produce large colour maps for County and local purposes will be impacted. The County also produces maps for outside agencies including municipalities, police and fire departments as well as members of the public. The inability to produce maps will result in a loss of revenue for the County. The plotter is also utilized by other Departments, in particular the Transportation Department on a material cost sharing basis.

**8. Identify Sources and Amounts of Funding**

|      | To Reserve -<br>Plotter<br>Replacement | From Reserve -<br>Plotter<br>Replacement |
|------|----------------------------------------|------------------------------------------|
| 2018 | \$4,000                                | \$0                                      |
| 2019 | \$4,000                                | \$20,000                                 |
| 2020 | \$4,000                                | \$0                                      |
| 2021 | \$1,000                                | \$0                                      |
| 2022 | \$4,000                                | \$0                                      |

|              |                 |                 |
|--------------|-----------------|-----------------|
| <b>Total</b> | <b>\$17,000</b> | <b>\$20,000</b> |
|--------------|-----------------|-----------------|

**9. Compliance with Council objective/strategic plan (if applicable):**

Although the equipment is housed within the Planning/TAPS technical area it is utilized by many Departments throughout the Corporation. It is part of our County business.

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

The equipment is linked through the County computer network. No additional impacts should be realized as this would merely be an equipment upgrade or replacement.

**1. Department / Function: Planning & Development**

**Details of Project/Study: Development Charges - 5 Year Review**

**2. Total Gross Cost of Proposed Capital Project/Study: \$50,000**

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              | \$50,000              |           |                 |

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018 | 2019 | 2020 | 2021     | 2022 | Total           |
|--------------|------|------|------|----------|------|-----------------|
| <b>Gross</b> | \$0  | \$0  | \$0  | \$50,000 | \$0  | <b>\$50,000</b> |
| <b>Net</b>   | \$0  | \$0  | \$0  | \$3,500  | \$0  | <b>\$3,500</b>  |

**3. Estimated Useful Life:** Development Charges By-law needs to be reviewed every five years.

**4. Location of Project/Study (if applicable):**

| Facility Name / Address | Municipality |
|-------------------------|--------------|
| County of Grey          |              |

**5. Need or Benefit(s) of Project (including safety issues):**

The Development Charges By-law needs to be reviewed every five years in accordance with the Development Charges Act. The current Development Charges By-law is set to expire in January 2022 and therefore the proposal is to begin the next Development Charges Background Study in 2021 to update the By-law before it expires. Development charges allow municipalities in Ontario to recover growth-related capital from new development. It is important to review the Development Charges to forecast all the necessary growth-related capital costs projects in order to collect the appropriate fees from new development.

**6. Scheduling and Cost of Project/Study in 2017-2021 Capital Plan: N/A**

|              | 2017 | 2018 | 2019 | 2020 | 2021     | Total           |
|--------------|------|------|------|------|----------|-----------------|
| <b>Gross</b> | \$0  | \$0  | \$0  | \$0  | \$50,000 | <b>\$50,000</b> |
| <b>Net</b>   | \$0  | \$0  | \$0  | \$0  | \$3,500  | <b>\$3,500</b>  |

**7. Consequences/Implications of Not Undertaking Project (including alternatives):**

By not reviewing the development charges, the development charges by-law will expire and therefore future growth-related capital costs will be solely borne by the taxpayers instead of the costs being collected from new development. This will in turn result in property tax increases.

**8. Identify Sources and Amounts of Funding**

|              | From Reserve - Development Charges | From Reserve - General Planning | Taxation       |
|--------------|------------------------------------|---------------------------------|----------------|
| 2018         | \$0                                | \$0                             | \$0            |
| 2019         | \$0                                | \$0                             | \$0            |
| 2020         | \$0                                | \$0                             | \$0            |
| 2021         | \$40,500                           | \$6,000                         | \$3,500        |
| 2022         | \$0                                | \$0                             | \$0            |
| <b>Total</b> | <b>\$40,500</b>                    | <b>\$6,000</b>                  | <b>\$3,500</b> |

**9. Compliance with Council objective/strategic plan (if applicable):**

Action Item 6.5 of the County Strategic Plan indicates that the County should explore new or enhanced sources of revenue to offset services and program costs. Development charges are a source of revenue that can offset growth-related capital costs.

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

County staff will need to provide information to the consultants as part of the development charges review. If the development charges by-law is passed, it could be appealed and therefore would be subject to legal costs. Future development charge reviews will be funded by development charge fees.



**1. Department / Function: Trails**

**Details of Project/Study: Transfer to Trails Reserve for Future Needs**

**2. Total Gross Cost of Proposed Capital Project/Study: \$75,000**

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              |                       |           | \$75,000        |

Transfer to Trails Reserve for future capital costs associated with culvert and bridge repairs or replacements.

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018     | 2019     | 2020     | 2021     | 2022     | Total            |
|--------------|----------|----------|----------|----------|----------|------------------|
| <b>Gross</b> | \$75,000 | \$75,000 | \$75,000 | \$75,000 | \$75,000 | <b>\$375,000</b> |
| <b>Net</b>   | \$75,000 | \$75,000 | \$75,000 | \$75,000 | \$75,000 | <b>\$375,000</b> |

**3. Estimated Useful Life: 50 plus years**

**4. Location of Project/Study (if applicable):**

| Facility Name / Address              | Municipality |
|--------------------------------------|--------------|
| various culverts along CP Rail Trail |              |

**5. Need or Benefit(s) of Project (including safety issues):**

The transfer of funds to the Trails Reserve will assist in offsetting some of the costs associated with the repair or replacement of the culverts and bridges along with CP Rail Trail that were identified in the 2011 culvert and bridge assessment completed by AECOM.

**6. Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:**

|              | 2017     | 2018     | 2019     | 2020     | 2021     | Total            |
|--------------|----------|----------|----------|----------|----------|------------------|
| <b>Gross</b> | \$50,000 | \$50,000 | \$50,000 | \$50,000 | \$50,000 | <b>\$250,000</b> |
| <b>Net</b>   | \$50,000 | \$50,000 | \$50,000 | \$50,000 | \$50,000 | <b>\$250,000</b> |

**7. Consequences/Implications of Not Undertaking Project (including alternatives):**

If there are no transfers to reserve, the full costs associated with the culvert or bridge repair or replacement will need to come from taxation. This will also provide a consistent amount to take from the tax levy, rather than a fluctuating one on a year to year basis.

**8. Identify Sources and Amounts of Funding**

|              | To Reserve - Trails Reserve |
|--------------|-----------------------------|
| 2018         | \$75,000                    |
| 2019         | \$75,000                    |
| 2020         | \$75,000                    |
| 2021         | \$75,000                    |
| 2022         | \$75,000                    |
| <b>Total</b> | <b>\$375,000</b>            |

**9. Compliance with Council objective/strategic plan (if applicable):**

In completing the capital projects of repair or replacement of the bridges and culverts along the CP Rail Trail, there is a commitment to lifecycle planning for long-term investment in county-owned capital assets. The trail projects are a vital link to trails in the area and will continue to promote Grey County as Ontario's recreational jewel. The transfer to reserve will also assist in offsetting future capital costs.

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

The transfer of funds to reserve in the years where capital costs are below the five year average will assist in offsetting the capital costs in the years where the capital costs are higher than the five year average.

**1. Department / Function: Trails**

**Details of Project/Study: Major Repairs/Rehabilitation of Structures on CP Rail Trail**

**2. Total Gross Cost of Proposed Capital Project/Study: \$50,000**

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              | \$50,000              |           |                 |

Major Repairs/Rehabilitation of bridges and culverts on the CP Rail Trail.

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018     | 2019     | 2020     | 2021     | 2022     | Total            |
|--------------|----------|----------|----------|----------|----------|------------------|
| <b>Gross</b> | \$50,000 | \$50,000 | \$50,000 | \$50,000 | \$50,000 | <b>\$250,000</b> |
| <b>Net</b>   | \$0      | \$0      | \$0      | \$0      | \$0      | <b>\$0</b>       |

**3. Estimated Useful Life: Extending Life of Culverts/Bridges with Major Repairs/Rehabilitation**

**4. Location of Project/Study (if applicable):**

| Facility Name / Address                       | Municipality |
|-----------------------------------------------|--------------|
| Various Bridges and Culverts on CP Rail Trail |              |

**5. Need or Benefit(s) of Project (including safety issues):**

The 2016 Bridge and Culvert Assessment identified a number of structures that need major repairs or replacements within the next 1 to 5 years and the next 6 to 10 years. It is recommended that \$50,000 be budgeted every year to perform major repairs/rehabilitation to the structures in order to extend the life of the structures and to ensure that the structures are safe from a trail user perspective. The Bridge and Culvert Assessment report will be used to determine the order of priority for the major repairs/rehabilitation within each given year in consultation with Transportation Services staff and Grey Sauble Conservation Authority staff.

**6. Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:**

|              | 2017 | 2018 | 2019 | 2020 | 2021 | Total      |
|--------------|------|------|------|------|------|------------|
| <b>Gross</b> | \$0  | \$0  | \$0  | \$0  | \$0  | <b>\$0</b> |
| <b>Net</b>   | \$0  | \$0  | \$0  | \$0  | \$0  | <b>\$0</b> |

**7. Consequences/Implications of Not Undertaking Project (including alternatives):**

By not undertaking major repairs/rehabilitation on the structures, the structures will continue to degrade and will eventually need to be replaced which will be at a higher cost than performing repairs. The repairs will also ensure that the trail is being kept safe for all trail users.

**8. Identify Sources and Amounts of Funding**

|      | From Reserve - Trails Reserve |
|------|-------------------------------|
| 2018 | \$50,000                      |
| 2019 | \$50,000                      |
| 2020 | \$50,000                      |
| 2021 | \$50,000                      |
| 2022 | \$50,000                      |

|              |                  |
|--------------|------------------|
| <b>Total</b> | <b>\$250,000</b> |
|--------------|------------------|

**9. Compliance with Council objective/strategic plan (if applicable):**

By performing major repairs on the CP Rail Trail structures will allow the CP Rail Trail to continue to be used by many user groups and provide a vital link to other trails in the area continuing to secure Grey County as Ontario's recreation jewel. The repairs/rehabilitation of the structures also shows a commitment to the lifecycle planning for long-term investment in county.

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

Over the next 5 years, funds will be moved to and from the trails reserve in order to have a consistent levy increase rather than a fluctuating one. Once the major repairs are completed, there will be general maintenance required on the structures that would be completed through ongoing operating budgets. As the legal owner of these structures, it is necessary to ensure its safety for the trail users as the County is responsible for the entire trail including the structures.

**1. Department / Function: Trails**

**Details of Project/Study: Replacement of Bridge #63 on CP Rail Trail**

**2. Total Gross Cost of Proposed Capital Project/Study: \$53,000**

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              | \$53,000              |           |                 |

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018     | 2019 | 2020 | 2021 | 2022 | Total           |
|--------------|----------|------|------|------|------|-----------------|
| <b>Gross</b> | \$53,000 | \$0  | \$0  | \$0  | \$0  | <b>\$53,000</b> |
| <b>Net</b>   | \$0      | \$0  | \$0  | \$0  | \$0  | <b>\$0</b>      |

**3. Estimated Useful Life: 50 years**

**4. Location of Project/Study (if applicable):**

| Facility Name / Address                       | Municipality                   |
|-----------------------------------------------|--------------------------------|
| 0.5 km south of Road 170 on the CP Rail Trail | Municipality of Grey Highlands |

**5. Need or Benefit(s) of Project (including safety issues):**

This bridge was identified as a priority for replacement in the 2016 Bridge and Culvert Assessment Report with a recommended replacement date of 2018. The Assessment Report indicates that the structure is in poor condition with a Bridge Condition Index of 13 which is low. The estimated cost to replace the structure is \$53,000.

**6. Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:**

|              | 2017 | 2018      | 2019 | 2020 | 2021 | Total            |
|--------------|------|-----------|------|------|------|------------------|
| <b>Gross</b> | \$0  | \$193,000 | \$0  | \$0  | \$0  | <b>\$193,000</b> |
| <b>Net</b>   | \$0  | \$0       | \$0  | \$0  | \$0  | <b>\$0</b>       |

**7. Consequences/Implications of Not Undertaking Project (including alternatives):**

If this bridge is not replaced, trail user safety could be jeopardized and this section of trail closed. The trail is used by many groups and is a vital corridor to local snowmobile, ATV, equestrian and cycling clubs to provide links to other trails within the area.

**8. Identify Sources and Amounts of Funding**

|              | From Reserve - Trails Reserve |
|--------------|-------------------------------|
| 2018         | \$53,000                      |
| 2019         | \$0                           |
| 2020         | \$0                           |
| 2021         | \$0                           |
| 2022         | \$0                           |
| <b>Total</b> | <b>\$53,000</b>               |

**9. Compliance with Council objective/strategic plan (if applicable):**

The completion of this project will allow the CP Rail Trail to continue to be used by many user groups and provide a vital link to other trails in the area continuing to secure Grey County as Ontario's recreation jewel. The replacement also shows a commitment to the lifecycle planning for long-term investment in county-owned capital assets.

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

Over the next five years, funds will be moved to and from the Trails Reserve in order to have a consistent levy increase rather than a fluctuating one. Once the replacement is complete, there will be general maintenance required on the bridge that would be completed through ongoing operating budgets. As the legal owner of this structure, it is necessary to ensure the structure is safe for the trail users.

| STRUCTURE INFORMATION    |                           |                                   |              |
|--------------------------|---------------------------|-----------------------------------|--------------|
| Structure Name           | B63                       | Structure Number                  | B63          |
| Structure Type           | Concrete Rigid Frame      | Year Built                        | 1913         |
| Road Name                | CP Rail Trail             |                                   |              |
| Structure Location       | 0.56 km South of Road 170 |                                   |              |
| Previous Inspection Date | July 28, 2011             | 2011 Bridge Condition Index (BCI) | -            |
| Inspection Date          | October 20, 2016          | 2016 Bridge Condition Index (BCI) | 13           |
| Next Inspection Date     | October 2018              | Current Replacement Value         | \$ 53,000.00 |

| REHABILITATION HISTORY |  |
|------------------------|--|
|                        |  |

| ADDITIONAL INVESTIGATIONS        |          |              |
|----------------------------------|----------|--------------|
| Investigation                    | Priority | Cost         |
| Rehabilitation/Replacement Study | Normal   | \$ 15,000.00 |
|                                  |          |              |

| PERFORMANCE DEFICIENCIES |                 |                             |
|--------------------------|-----------------|-----------------------------|
| Element Group            | Element         | Performance Deficiency      |
| Approaches               | Wearing Surface | Rough Riding Surface        |
| Abutments                | Abutment Walls  | Continuing movements        |
| Abutments                | Wingwalls       | Continuing movements        |
| Embankments & Streams    | Embankments     | Pedestrian/vehicular hazard |

| MAINTENANCE NEEDS |                 |                      |          |
|-------------------|-----------------|----------------------|----------|
| Element Group     | Element         | Maintenance Required | Priority |
| Approaches        | Wearing Surface | Re-grade Approaches  | 1 Year   |
|                   |                 |                      |          |
|                   |                 |                      |          |

| REPAIR / REHABILITATION |         |                         |              |              |
|-------------------------|---------|-------------------------|--------------|--------------|
| Element Group           | Element | Repair / Rehabilitation | Priority     | Cost         |
| -                       | -       | Replace Structure       | 1 to 5 Years | \$ 53,000.00 |
|                         |         |                         |              |              |
|                         |         |                         |              |              |

| OVERALL COMMENTS                                                      |
|-----------------------------------------------------------------------|
| Structure is in poor condition.                                       |
| Replacement of the structure is recommended in the next 1 to 5 years. |
| Approach barriers are required.                                       |

## INVENTORY DATA:

|                    |                           |                                |                                                                                                                                                                                                                                     |
|--------------------|---------------------------|--------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Structure Name     | B63                       |                                |                                                                                                                                                                                                                                     |
| Main Hwy/Road #    | -                         | Under Structure:               | Navigable Water <input type="checkbox"/> Non- Navigable Water <input checked="" type="checkbox"/><br>Rail <input type="checkbox"/> Road <input type="checkbox"/> Pedestrian <input type="checkbox"/> Other <input type="checkbox"/> |
| Road Name:         | CP Rail Trail             | On Structure:                  | Rail <input type="checkbox"/> Road <input type="checkbox"/> Pedestrian <input checked="" type="checkbox"/> Other <input type="checkbox"/>                                                                                           |
| Structure Location | 0.56 km South of Road 170 |                                |                                                                                                                                                                                                                                     |
| Latitude           | 44.21994                  | Longitude                      | -80.52276                                                                                                                                                                                                                           |
| Owner(s)           | Grey County               | Heritage Designation           | Not Cons. <input type="checkbox"/> Cons./Not App. <input type="checkbox"/> List/Not Desig. <input type="checkbox"/><br>Desig./not List <input type="checkbox"/> Desig. & List <input type="checkbox"/>                              |
| MTO Region         | -                         | Road Class:                    | Freeway <input type="checkbox"/> Arterial <input type="checkbox"/> Collector <input type="checkbox"/> Local <input checked="" type="checkbox"/>                                                                                     |
| MTO District       | -                         | Posted Speed                   | - No. of Lanes 1                                                                                                                                                                                                                    |
| Old County         | -                         | AADT                           | - % Trucks -                                                                                                                                                                                                                        |
| Geographic Twp.    | -                         | Special Routes                 | Transit <input type="checkbox"/> Truck <input type="checkbox"/> School <input type="checkbox"/> Bicycle <input type="checkbox"/>                                                                                                    |
| Structure Type     | Concrete Rigid Frame      | Detour Length Around Structure | - (km)                                                                                                                                                                                                                              |
| Total Deck Length  | 1.70 (m)                  | Fill on Structure              | 0.30 (m)                                                                                                                                                                                                                            |
| Overall Str. Width | 6.40 (m)                  | Skew Angle                     | 0 (Degrees)                                                                                                                                                                                                                         |
| Total Deck Area    | 10.88 (m <sup>2</sup> )   | Direction of Structure         | North/South                                                                                                                                                                                                                         |
| Roadway Width      | 2.00 (m)                  | No. of Spans                   | 1                                                                                                                                                                                                                                   |
| Span Lengths       | 1.20 (m)                  |                                |                                                                                                                                                                                                                                     |

## HISTORICAL DATA

|                           |            |                               |               |
|---------------------------|------------|-------------------------------|---------------|
| Year Built                | 1913       | Last OSIM Inspection          | July 28, 2011 |
| Year of Last Major Rehab. | -          | Last Enhanced OSIM Inspection | -             |
| Current Load Limit        | - (tonnes) | Last Bridge Master Inspection | -             |
| Load Limit By-Law #       | -          | Last Evaluation               | -             |
| By-Law Expiry Date        | -          | Last Underwater Inspection    | -             |
| Min. Vertical Clearance   | - (m)      | Last Condition Survey         | -             |

## Rehabilitation History: (Date / Description)

**FIELD INSPECTION INFORMATION**

Date of Inspection: October 20, 2016 Type of Inspection: ☒ OSIM ☐ Enhanced OSIM  
 Inspector: Marek Stutz, P.Eng.  
 Others in Party: Mohamed El-Sarji, P.Eng.  
 Access Equipment Used: Measuring tape, digital camera, hammer and chest waders  
 Weather: Overcast  
 Temperature: 13°C

**ADDITIONAL INVESTIGATION REQUIRED**
**Priority**

None

Normal

Urgent

**Estimated Cost**

|                                                               |                   |   |  |                     |
|---------------------------------------------------------------|-------------------|---|--|---------------------|
| Rehabilitation/Replacement Study:                             |                   | X |  | \$ 15,000.00        |
| Material Condition Survey                                     |                   |   |  |                     |
| Detailed Deck Condition Survey:                               | X                 |   |  | \$ -                |
| Non-destructive Delamination Survey of Asphalt- Covered Deck: | X                 |   |  | \$ -                |
| Concrete Substructure Condition Survey:                       | X                 |   |  | \$ -                |
| Detailed Coating Condition Survey:                            | X                 |   |  | \$ -                |
| Detailed Timber Investigation:                                | X                 |   |  | \$ -                |
| Underwater Investigation:                                     | X                 |   |  | \$ -                |
| Fatigue Investigation:                                        | X                 |   |  | \$ -                |
| Seismic Investigation:                                        | X                 |   |  | \$ -                |
| Structure Evaluation:                                         | X                 |   |  | \$ -                |
| Monitoring                                                    |                   |   |  |                     |
| Monitoring of Deformations, Settlement and Movements:         | X                 |   |  | \$ -                |
| Monitoring Crack Widths:                                      | X                 |   |  | \$ -                |
| <b>Load Posting – Estimated Load Limit</b>                    | <b>Total Cost</b> |   |  | <b>\$ 15,000.00</b> |

**Investigation Notes:**
**OVERALL STRUCTURAL NOTES:**

Recommended Work on Structure: ☐ None ☐ Minor Rehab. ☐ Major Rehab. ☒ Replace

Timing of Recommended Work: ☒ 1 to 5 years ☐ 6 to 10 years

**Overall Comments:**

Structure is in poor condition. Replacement of the structure is recommended in the next 1 to 5 years. Approach barriers are required.

Date of Next Inspection: October 2018

**Suspected Performance Deficiencies**

- |                                                    |                                          |                                          |
|----------------------------------------------------|------------------------------------------|------------------------------------------|
| 00 None                                            | 06 Bearing not uniformly loaded/unstable | 12 Slippery surfaces                     |
| 01 Load carrying capacity                          | 07 Jammed expansion joint                | 13 Flooding/channel blockage             |
| 02 Excessive deformations (deflections & rotation) | 08 Pedestrian/vehicular hazard           | 14 Undermining of foundation             |
| 03 Continuing settlement                           | 09 Rough riding surface                  | 15 Unstable embankments                  |
| 04 Continuing movements                            | 10 Surface ponding                       | 16 Other                                 |
| 05 Seized bearings                                 | 11 Deck drainage                         |                                          |
| <b>Maintenance Needs</b>                           |                                          |                                          |
| 01 Lift and swing bridge maintenance               | 07 Repair of structural steel            | 13 Erosion control at bridges            |
| 02 Bridge cleaning                                 | 08 Repair of bridge concrete             | 14 Concrete sealing                      |
| 03 Bridge handrail maintenance                     | 09 Repair of bridge timber               | 15 Rout and seal                         |
| 04 Painting steel bridge structures                | 10 Bailey bridges maintenance            | 16 Bridge deck drainage                  |
| 05 Bridge deck joint repair                        | 11 Animal/pest control                   | 17 Scaling (loose Concrete or ACR Steel) |
| 06 Bridge bearing maintenance                      | 12 Bridge surface repair                 | 18 Other                                 |

| ELEMENT DATA                                                                                                                                                               |                            |           |                                                                                                                                       |                          |       |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|-----------|---------------------------------------------------------------------------------------------------------------------------------------|--------------------------|-------|
| Element Group:                                                                                                                                                             | Approaches                 |           | Length:                                                                                                                               | 6.00 m                   |       |
| Element Name:                                                                                                                                                              | Wearing Surface            |           | Width:                                                                                                                                | 2.00 m                   |       |
| Location:                                                                                                                                                                  | North & South of Structure |           | Height:                                                                                                                               | -                        |       |
| Material:                                                                                                                                                                  | Gravel                     |           | Count:                                                                                                                                | 2                        |       |
| Element Type:                                                                                                                                                              | Gravel Wearing Surface     |           | Total Quantity:                                                                                                                       | 24.00 m <sup>2</sup>     |       |
| Environment:                                                                                                                                                               | Severe                     |           | Limited Inspection:                                                                                                                   | <input type="checkbox"/> |       |
| Protection System                                                                                                                                                          | None                       |           |                                                                                                                                       |                          |       |
| Condition Data:                                                                                                                                                            | Units                      | Excellent | Good                                                                                                                                  | Fair                     | Poor  |
|                                                                                                                                                                            | m <sup>2</sup>             | -         | -                                                                                                                                     | 14.00                    | 10.00 |
| <b>Comments:</b><br>Medium to severe wheel track rutting and vegetation noted at the approach wearing surfaces.                                                            |                            |           |                                                                                                                                       |                          |       |
| Performance Deficiencies: 09                                                                                                                                               |                            |           | Maintenance Needs: 18 - Re-grade Approaches                                                                                           |                          |       |
| <b>Recommended Work:</b><br><input type="checkbox"/> Rehab. <input type="checkbox"/> Replace<br><input type="checkbox"/> 1 – 5 Years <input type="checkbox"/> 6 – 10 Years |                            |           | <b>Maintenance Needs:</b> <input type="checkbox"/> Urgent <input checked="" type="checkbox"/> 1 Year <input type="checkbox"/> 2 Years |                          |       |

|                                                                                                                                                                            |                                         |           |                                                                                                                            |                          |      |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|-----------|----------------------------------------------------------------------------------------------------------------------------|--------------------------|------|
| Element Group:                                                                                                                                                             | Decks                                   |           | Length:                                                                                                                    | 2.40 m                   |      |
| Element Name:                                                                                                                                                              | Soffit - Thick Slab                     |           | Width:                                                                                                                     | 1.50 m                   |      |
| Location:                                                                                                                                                                  | East & West Sides of Structure          |           | Height:                                                                                                                    | -                        |      |
| Material:                                                                                                                                                                  | Concrete                                |           | Count:                                                                                                                     | -                        |      |
| Element Type:                                                                                                                                                              | Soffit Exterior (Fascia and Cantilever) |           | Total Quantity:                                                                                                            | 3.60 m <sup>2</sup>      |      |
| Environment:                                                                                                                                                               | Moderate                                |           | Limited Inspection:                                                                                                        | <input type="checkbox"/> |      |
| Protection System                                                                                                                                                          | None                                    |           |                                                                                                                            |                          |      |
| Condition Data:                                                                                                                                                            | Units                                   | Excellent | Good                                                                                                                       | Fair                     | Poor |
|                                                                                                                                                                            | m <sup>2</sup>                          | -         | 3.00                                                                                                                       | 0.55                     | 0.05 |
| <b>Comments:</b><br>Light spalls, weathering and moss growth noted at soffit exterior.                                                                                     |                                         |           |                                                                                                                            |                          |      |
| Performance Deficiencies: 00                                                                                                                                               |                                         |           | Maintenance Needs: 00                                                                                                      |                          |      |
| <b>Recommended Work:</b><br><input type="checkbox"/> Rehab. <input type="checkbox"/> Replace<br><input type="checkbox"/> 1 – 5 Years <input type="checkbox"/> 6 – 10 Years |                                         |           | <b>Maintenance Needs:</b> <input type="checkbox"/> Urgent <input type="checkbox"/> 1 Year <input type="checkbox"/> 2 Years |                          |      |

| ELEMENT DATA                                                                                                                                                                                     |                        |           |                                                                                                                            |                                     |      |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|-----------|----------------------------------------------------------------------------------------------------------------------------|-------------------------------------|------|
| Element Group:                                                                                                                                                                                   | Decks                  |           | Length:                                                                                                                    | 1.20 m                              |      |
| Element Name:                                                                                                                                                                                    | Soffit - Thick Slab    |           | Width:                                                                                                                     | 4.40 m                              |      |
| Location:                                                                                                                                                                                        | Underside of Structure |           | Height:                                                                                                                    | -                                   |      |
| Material:                                                                                                                                                                                        | Concrete               |           | Count:                                                                                                                     | -                                   |      |
| Element Type:                                                                                                                                                                                    | Soffit Interior        |           | Total Quantity:                                                                                                            | 5.28 m <sup>2</sup>                 |      |
| Environment:                                                                                                                                                                                     | Benign                 |           | Limited Inspection:                                                                                                        | <input checked="" type="checkbox"/> |      |
| Protection System                                                                                                                                                                                | None                   |           |                                                                                                                            |                                     |      |
| Condition Data:                                                                                                                                                                                  | Units                  | Excellent | Good                                                                                                                       | Fair                                | Poor |
|                                                                                                                                                                                                  | m <sup>2</sup>         | -         | 2.53                                                                                                                       | 1.50                                | 1.25 |
| <b>Comments:</b><br>Wide to very wide cracks noted throughout the soffit interior. Cracks with efflorescence also noted.                                                                         |                        |           |                                                                                                                            |                                     |      |
| Performance Deficiencies: 00                                                                                                                                                                     |                        |           | Maintenance Needs: 00                                                                                                      |                                     |      |
| <b>Recommended Work:</b><br><input type="checkbox"/> Rehab. <input checked="" type="checkbox"/> Replace<br><input checked="" type="checkbox"/> 1 – 5 Years <input type="checkbox"/> 6 – 10 Years |                        |           | <b>Maintenance Needs:</b> <input type="checkbox"/> Urgent <input type="checkbox"/> 1 Year <input type="checkbox"/> 2 Years |                                     |      |

|                                                                                                                                                                                                  |                                      |           |                                                                                                                            |                                     |       |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------|-----------|----------------------------------------------------------------------------------------------------------------------------|-------------------------------------|-------|
| Element Group:                                                                                                                                                                                   | Abutments                            |           | Length:                                                                                                                    | -                                   |       |
| Element Name:                                                                                                                                                                                    | Abutment Walls                       |           | Width:                                                                                                                     | 6.40 m                              |       |
| Location:                                                                                                                                                                                        | North & South Underside of Structure |           | Height:                                                                                                                    | 0.90 m                              |       |
| Material:                                                                                                                                                                                        | Concrete                             |           | Count:                                                                                                                     | 2                                   |       |
| Element Type:                                                                                                                                                                                    | Reinforced Concrete Wall             |           | Total Quantity:                                                                                                            | 11.52 m <sup>2</sup>                |       |
| Environment:                                                                                                                                                                                     | Benign                               |           | Limited Inspection:                                                                                                        | <input checked="" type="checkbox"/> |       |
| Protection System                                                                                                                                                                                | None                                 |           |                                                                                                                            |                                     |       |
| Condition Data:                                                                                                                                                                                  | Units                                | Excellent | Good                                                                                                                       | Fair                                | Poor  |
|                                                                                                                                                                                                  | m <sup>2</sup>                       | -         | -                                                                                                                          | -                                   | 11.52 |
| <b>Comments:</b><br>Undermining, movement, disintegration, collapse and cracks noted on the abutment walls                                                                                       |                                      |           |                                                                                                                            |                                     |       |
| Performance Deficiencies: 04                                                                                                                                                                     |                                      |           | Maintenance Needs: 00                                                                                                      |                                     |       |
| <b>Recommended Work:</b><br><input type="checkbox"/> Rehab. <input checked="" type="checkbox"/> Replace<br><input checked="" type="checkbox"/> 1 – 5 Years <input type="checkbox"/> 6 – 10 Years |                                      |           | <b>Maintenance Needs:</b> <input type="checkbox"/> Urgent <input type="checkbox"/> 1 Year <input type="checkbox"/> 2 Years |                                     |       |

| ELEMENT DATA                                                                                                                                                                                     |                              |           |                                                                                                                            |                          |      |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|-----------|----------------------------------------------------------------------------------------------------------------------------|--------------------------|------|
| Element Group:                                                                                                                                                                                   | Abutments                    |           | Length:                                                                                                                    | 0.60 m                   |      |
| Element Name:                                                                                                                                                                                    | Wingwalls                    |           | Width:                                                                                                                     | -                        |      |
| Location:                                                                                                                                                                                        | NE, NW, SE & SW of Structure |           | Height:                                                                                                                    | 0.38 m                   |      |
| Material:                                                                                                                                                                                        | Concrete                     |           | Count:                                                                                                                     | 4                        |      |
| Element Type:                                                                                                                                                                                    | Reinforced Concrete Wall     |           | Total Quantity:                                                                                                            | 0.91 m <sup>2</sup>      |      |
| Environment:                                                                                                                                                                                     | Moderate                     |           | Limited Inspection:                                                                                                        | <input type="checkbox"/> |      |
| Protection System                                                                                                                                                                                | None                         |           |                                                                                                                            |                          |      |
| Condition Data:                                                                                                                                                                                  | Units                        | Excellent | Good                                                                                                                       | Fair                     | Poor |
|                                                                                                                                                                                                  | m <sup>2</sup>               | -         | -                                                                                                                          | 0.20                     | 0.71 |
| <b>Comments:</b><br>- Movement, disintegration and cracks noted on the wingwalls<br>- Separation at southwest wingwall                                                                           |                              |           |                                                                                                                            |                          |      |
| Performance Deficiencies: 04                                                                                                                                                                     |                              |           | Maintenance Needs: 00                                                                                                      |                          |      |
| <b>Recommended Work:</b><br><input type="checkbox"/> Rehab. <input checked="" type="checkbox"/> Replace<br><input checked="" type="checkbox"/> 1 – 5 Years <input type="checkbox"/> 6 – 10 Years |                              |           | <b>Maintenance Needs:</b> <input type="checkbox"/> Urgent <input type="checkbox"/> 1 Year <input type="checkbox"/> 2 Years |                          |      |

|                                                                                                                                                                                                  |                                 |           |                                                                                                                            |                                     |      |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|-----------|----------------------------------------------------------------------------------------------------------------------------|-------------------------------------|------|
| Element Group:                                                                                                                                                                                   | Foundations                     |           | Length:                                                                                                                    | -                                   |      |
| Element Name:                                                                                                                                                                                    | Foundation (Below Ground Level) |           | Width:                                                                                                                     | -                                   |      |
| Location:                                                                                                                                                                                        | Below Abutment and Wingwalls    |           | Height:                                                                                                                    | -                                   |      |
| Material:                                                                                                                                                                                        | Unknown                         |           | Count:                                                                                                                     | -                                   |      |
| Element Type:                                                                                                                                                                                    | Unknown                         |           | Total Quantity:                                                                                                            | -                                   |      |
| Environment:                                                                                                                                                                                     | Benign                          |           | Limited Inspection:                                                                                                        | <input checked="" type="checkbox"/> |      |
| Protection System                                                                                                                                                                                | Unknown                         |           |                                                                                                                            |                                     |      |
| Condition Data:                                                                                                                                                                                  | Units                           | Excellent | Good                                                                                                                       | Fair                                | Poor |
|                                                                                                                                                                                                  | N/A                             | -         | -                                                                                                                          | -                                   | -    |
| <b>Comments:</b><br>Movement noted at abutment walls and wingwalls.                                                                                                                              |                                 |           |                                                                                                                            |                                     |      |
| Performance Deficiencies: 04                                                                                                                                                                     |                                 |           | Maintenance Needs: 00                                                                                                      |                                     |      |
| <b>Recommended Work:</b><br><input type="checkbox"/> Rehab. <input checked="" type="checkbox"/> Replace<br><input checked="" type="checkbox"/> 1 – 5 Years <input type="checkbox"/> 6 – 10 Years |                                 |           | <b>Maintenance Needs:</b> <input type="checkbox"/> Urgent <input type="checkbox"/> 1 Year <input type="checkbox"/> 2 Years |                                     |      |

| ELEMENT DATA                                                                                                                                                               |                              |           |                                                                                                                            |                          |      |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|-----------|----------------------------------------------------------------------------------------------------------------------------|--------------------------|------|
| Element Group:                                                                                                                                                             | Embankments & Streams        |           | Length:                                                                                                                    | -                        |      |
| Element Name:                                                                                                                                                              | Embankments                  |           | Width:                                                                                                                     | -                        |      |
| Location:                                                                                                                                                                  | NE, NW, SE & SW of Structure |           | Height:                                                                                                                    | -                        |      |
| Material:                                                                                                                                                                  | Native Soil                  |           | Count:                                                                                                                     | -                        |      |
| Element Type:                                                                                                                                                              | Embankment                   |           | Total Quantity:                                                                                                            | 4                        |      |
| Environment:                                                                                                                                                               | Moderate                     |           | Limited Inspection:                                                                                                        | <input type="checkbox"/> |      |
| Protection System                                                                                                                                                          | Vegetation                   |           |                                                                                                                            |                          |      |
| Condition Data:                                                                                                                                                            | Units                        | Excellent | Good                                                                                                                       | Fair                     | Poor |
|                                                                                                                                                                            | Each                         | -         | 4                                                                                                                          | -                        | -    |
| <b>Comments:</b><br>Embankments are moderately sloped and well vegetated.                                                                                                  |                              |           |                                                                                                                            |                          |      |
| Performance Deficiencies: 08                                                                                                                                               |                              |           | Maintenance Needs: 00                                                                                                      |                          |      |
| <b>Recommended Work:</b><br><input type="checkbox"/> Rehab. <input type="checkbox"/> Replace<br><input type="checkbox"/> 1 – 5 Years <input type="checkbox"/> 6 – 10 Years |                              |           | <b>Maintenance Needs:</b> <input type="checkbox"/> Urgent <input type="checkbox"/> 1 Year <input type="checkbox"/> 2 Years |                          |      |

|                                                                                                                                                                            |                              |           |                                                                                                                            |                          |      |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|-----------|----------------------------------------------------------------------------------------------------------------------------|--------------------------|------|
| Element Group:                                                                                                                                                             | Embankments & Streams        |           | Length:                                                                                                                    | -                        |      |
| Element Name:                                                                                                                                                              | Slope Protection             |           | Width:                                                                                                                     | -                        |      |
| Location:                                                                                                                                                                  | NE, NW, SE & SW of Structure |           | Height:                                                                                                                    | -                        |      |
| Material:                                                                                                                                                                  | Vegetation                   |           | Count:                                                                                                                     | -                        |      |
| Element Type:                                                                                                                                                              | Slope Protection             |           | Total Quantity:                                                                                                            | 4                        |      |
| Environment:                                                                                                                                                               | Moderate                     |           | Limited Inspection:                                                                                                        | <input type="checkbox"/> |      |
| Protection System                                                                                                                                                          | None                         |           |                                                                                                                            |                          |      |
| Condition Data:                                                                                                                                                            | Units                        | Excellent | Good                                                                                                                       | Fair                     | Poor |
|                                                                                                                                                                            | Each                         | -         | 4                                                                                                                          | -                        | -    |
| <b>Comments:</b><br>Generally in good condition.                                                                                                                           |                              |           |                                                                                                                            |                          |      |
| Performance Deficiencies: 00                                                                                                                                               |                              |           | Maintenance Needs: 00                                                                                                      |                          |      |
| <b>Recommended Work:</b><br><input type="checkbox"/> Rehab. <input type="checkbox"/> Replace<br><input type="checkbox"/> 1 – 5 Years <input type="checkbox"/> 6 – 10 Years |                              |           | <b>Maintenance Needs:</b> <input type="checkbox"/> Urgent <input type="checkbox"/> 1 Year <input type="checkbox"/> 2 Years |                          |      |

| ELEMENT DATA                                                                                                                                                            |                       |                  |                                                                                                                            |                          |             |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|------------------|----------------------------------------------------------------------------------------------------------------------------|--------------------------|-------------|
| <b>Element Group:</b>                                                                                                                                                   | Embankments & Streams |                  | <b>Length:</b>                                                                                                             | -                        |             |
| <b>Element Name:</b>                                                                                                                                                    | Streams and Waterway  |                  | <b>Width:</b>                                                                                                              | -                        |             |
| <b>Location:</b>                                                                                                                                                        | Under Structure       |                  | <b>Height:</b>                                                                                                             | -                        |             |
| <b>Material:</b>                                                                                                                                                        | Native                |                  | <b>Count:</b>                                                                                                              | -                        |             |
| <b>Element Type:</b>                                                                                                                                                    | Stream                |                  | <b>Total Quantity:</b>                                                                                                     | All                      |             |
| <b>Environment:</b>                                                                                                                                                     | Benign                |                  | <b>Limited Inspection:</b>                                                                                                 | <input type="checkbox"/> |             |
| <b>Protection System</b>                                                                                                                                                | None                  |                  |                                                                                                                            |                          |             |
| <b>Condition Data:</b>                                                                                                                                                  | <b>Units</b>          | <b>Excellent</b> | <b>Good</b>                                                                                                                | <b>Fair</b>              | <b>Poor</b> |
|                                                                                                                                                                         | All                   | -                | -                                                                                                                          | All                      | -           |
| <b>Comments:</b><br>No flow with vegetation upstream and downstream.                                                                                                    |                       |                  |                                                                                                                            |                          |             |
| <b>Performance Deficiencies: 00</b>                                                                                                                                     |                       |                  | <b>Maintenance Needs: 00</b>                                                                                               |                          |             |
| <b>Recommended Work:</b> <input type="checkbox"/> Rehab. <input type="checkbox"/> Replace<br><input type="checkbox"/> 1 – 5 Years <input type="checkbox"/> 6 – 10 Years |                       |                  | <b>Maintenance Needs:</b> <input type="checkbox"/> Urgent <input type="checkbox"/> 1 Year <input type="checkbox"/> 2 Years |                          |             |

| REPAIR AND REHABILITATION REQUIRED |                                    | Priority     |             |          | Estimated Cost |
|------------------------------------|------------------------------------|--------------|-------------|----------|----------------|
| Element                            | Repair and Rehabilitation Required | 6 - 10 Years | 1 - 5 Years | < 1 Year |                |
| -                                  | Replace Structure                  |              | X           |          | \$ 53,000.00   |
|                                    |                                    |              |             |          | \$ -           |
|                                    |                                    |              |             |          | \$ -           |
|                                    |                                    |              |             |          | \$ -           |
|                                    |                                    |              |             |          | \$ -           |
|                                    |                                    |              |             |          | \$ -           |
|                                    |                                    |              |             |          | \$ -           |
|                                    |                                    |              |             |          | \$ -           |
|                                    |                                    |              |             |          | \$ -           |
| Total Cost                         |                                    |              |             |          | \$ 53,000.00   |

| ASSOCIATED WORK     | Comments | Estimated Cost |
|---------------------|----------|----------------|
| Approaches          |          | \$ -           |
| Detours             |          | \$ -           |
| Traffic Control     |          | \$ -           |
| Utilities           |          | \$ -           |
| Right of Way        |          | \$ -           |
| Environmental Study |          | \$ -           |
| Other               |          | \$ -           |
| Contingencies       |          | \$ -           |
| Total Cost          |          | \$ -           |

| JUSTIFICATION |
|---------------|
|               |



**Photo 1:** Structure from north approach



**Photo 2:** Structure from south approach



**Photo 3:** East elevation



**Photo 4:** West elevation



**Photo 5:** Medium to severe wheel track rutting and vegetation on approaches



**Photo 6:** Barrel interior



**Photo 7:** Very wide crack at soffit interior



**Photo 8:** Severe deterioration of north abutment wall



**Photo 9:** Severe deterioration of south abutment wall



**Photo 10:** Separation of southwest wingwall

**1. Department / Function: Trails**

**Details of Project/Study: Replacement of Culvert 7 on CP Rail Trail**

**2. Total Gross Cost of Proposed Capital Project/Study: \$74,000**

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              | \$74,000              |           |                 |

Replacement of Culvert 7 on CP Rail Trail 0.8 km South of Concession 11

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018 | 2019     | 2020 | 2021 | 2022 | Total           |
|--------------|------|----------|------|------|------|-----------------|
| <b>Gross</b> | \$0  | \$74,000 | \$0  | \$0  | \$0  | <b>\$74,000</b> |
| <b>Net</b>   | \$0  | \$0      | \$0  | \$0  | \$0  | <b>\$0</b>      |

**3. Estimated Useful Life: 50 years**

**4. Location of Project/Study (if applicable):**

| Facility Name / Address                   | Municipality            |
|-------------------------------------------|-------------------------|
| Culvert 7 - 0.8 km South of Concession 11 | Municipality of Meaford |

**5. Need or Benefit(s) of Project (including safety issues):**

Culvert 7 actually includes a total of 3 steel pipe culverts. The 2016 Bridge and Culvert Assessment Report recommends that the culverts be replaced in 2019 because the structures are in poor condition. The Bridge Condition Index is 37 which is within the poor category. The estimated cost for replacement of the 3 steel pipes is \$74,000.

**6. Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:**

|              | 2017 | 2018 | 2019 | 2020 | 2021 | Total      |
|--------------|------|------|------|------|------|------------|
| <b>Gross</b> | \$0  | \$0  | \$0  | \$0  | \$0  | <b>\$0</b> |
| <b>Net</b>   | \$0  | \$0  | \$0  | \$0  | \$0  | <b>\$0</b> |

**7. Consequences/Implications of Not Undertaking Project (including alternatives):**

If this culvert is not replaced, trail user safety could be in jeopardy and this section of trail could be closed as a result. The trail is used by many groups and is a vital corridor to local snowmobile, ATV, equestrian and cycling clubs to provide links to other trails within the area.

**8. Identify Sources and Amounts of Funding**

|              | From Reserve - Trails Reserve |
|--------------|-------------------------------|
| 2018         | \$0                           |
| 2019         | \$74,000                      |
| 2020         | \$0                           |
| 2021         | \$0                           |
| 2022         | \$0                           |
| <b>Total</b> | <b>\$74,000</b>               |

**9. Compliance with Council objective/strategic plan (if applicable):**

The completion of this project will allow the CP Rail Trail to continue to be used by many user groups and provide a vital link to other trails in the area continuing to secure Grey County as Ontario's recreation jewel. The replacement also shows a commitment to the lifecycle planning for long-term investment in county-owned capital assets.

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

Over the next 5 years, funds will be moved to and from the trails reserve in order to have a consistent levy increase rather than a fluctuating one. Once the replacement is complete, there will be general maintenance required on the culvert that would be completed through ongoing operating budgets. As the legal owner of this structure, it is necessary to ensure its safety for the trail users as the County is responsible for the entire trail including the structures.

**STRUCTURE INFORMATION**

|                          |                                |                                   |              |
|--------------------------|--------------------------------|-----------------------------------|--------------|
| Structure Name           | C07                            | Structure Number                  | C07          |
| Structure Type           | Corrugated Steel Pipe          | Year Built                        | 1970         |
| Road Name                | CP Rail Trail                  |                                   |              |
| Structure Location       | 0.81 km South of Concession 11 |                                   |              |
| Previous Inspection Date | July 28, 2011                  | 2011 Bridge Condition Index (BCI) | -            |
| Inspection Date          | October 19, 2016               | 2016 Bridge Condition Index (BCI) | 37           |
| Next Inspection Date     | October 2018                   | Current Replacement Value         | \$ 74,000.00 |

**REHABILITATION HISTORY**

|  |
|--|
|  |
|--|

**ADDITIONAL INVESTIGATIONS**

| Investigation                    | Priority | Cost         |
|----------------------------------|----------|--------------|
| Rehabilitation/Replacement Study | Normal   | \$ 15,000.00 |
|                                  |          |              |
|                                  |          |              |

**PERFORMANCE DEFICIENCIES**

| Element Group | Element | Performance Deficiency |
|---------------|---------|------------------------|
| -             | -       | None                   |
|               |         |                        |
|               |         |                        |

**MAINTENANCE NEEDS**

| Element Group | Element | Maintenance Required | Priority |
|---------------|---------|----------------------|----------|
| -             | -       | None                 | -        |
|               |         |                      |          |
|               |         |                      |          |

**REPAIR / REHABILITATION**

| Element Group | Element | Repair / Rehabilitation | Priority    | Cost         |
|---------------|---------|-------------------------|-------------|--------------|
| Culverts      | Barrels | Replace Barrel          | 1 - 5 Years | \$ 74,000.00 |
|               |         |                         |             |              |
|               |         |                         |             |              |

**OVERALL COMMENTS**

Structure is generally in poor condition.  
Structure replacement is recommended in the next 1 to 5 years.

## INVENTORY DATA:

|                    |                                       |                                |                                                                                                                                                                                                                                     |
|--------------------|---------------------------------------|--------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Structure Name     | <u>C07</u>                            |                                |                                                                                                                                                                                                                                     |
| Main Hwy/Road #    | <u>-</u>                              | Under Structure:               | Navigable Water <input type="checkbox"/> Non- Navigable Water <input checked="" type="checkbox"/><br>Rail <input type="checkbox"/> Road <input type="checkbox"/> Pedestrian <input type="checkbox"/> Other <input type="checkbox"/> |
| Road Name:         | <u>CP Rail Trail</u>                  | On Structure:                  | Rail <input type="checkbox"/> Road <input type="checkbox"/> Pedestrian <input checked="" type="checkbox"/> Other <input type="checkbox"/>                                                                                           |
| Structure Location | <u>0.81 km South of Concession 11</u> |                                |                                                                                                                                                                                                                                     |
| Latitude           | <u>44.54705</u>                       | Longitude                      | <u>-80.91227</u>                                                                                                                                                                                                                    |
| Owner(s)           | <u>Grey County</u>                    | Heritage Designation           | Not Cons. <input type="checkbox"/> Cons./Not App. <input type="checkbox"/> List/Not Desig. <input type="checkbox"/><br>Desig./not List <input type="checkbox"/> Desig. & List <input type="checkbox"/>                              |
| MTO Region         | <u>-</u>                              | Road Class:                    | Freeway <input type="checkbox"/> Arterial <input type="checkbox"/> Collector <input type="checkbox"/> Local <input checked="" type="checkbox"/>                                                                                     |
| MTO District       | <u>-</u>                              | Posted Speed                   | <u>-</u> No. of Lanes <u>1</u>                                                                                                                                                                                                      |
| Old County         | <u>-</u>                              | AADT                           | <u>-</u> % Trucks <u>-</u>                                                                                                                                                                                                          |
| Geographic Twp.    | <u>-</u>                              | Special Routes                 | Transit <input type="checkbox"/> Truck <input type="checkbox"/> School <input type="checkbox"/> Bicycle <input type="checkbox"/>                                                                                                    |
| Structure Type     | <u>Corrugated Steel Pipe</u>          | Detour Length Around Structure | <u>-</u> (km)                                                                                                                                                                                                                       |
| Total Deck Length  | <u>2.10</u> (m)                       | Fill on Structure              | <u>1.30</u> (m)                                                                                                                                                                                                                     |
| Overall Str. Width | <u>10.00</u> (m)                      | Skew Angle                     | <u>0</u> (Degrees)                                                                                                                                                                                                                  |
| Total Deck Area    | <u>21.00</u> (m <sup>2</sup> )        | Direction of Structure         | <u>East/West</u>                                                                                                                                                                                                                    |
| Roadway Width      | <u>2.00</u> (m)                       | No. of Spans                   | <u>3</u>                                                                                                                                                                                                                            |
| Span Lengths       | <u>0.70, 0.70, 0.70</u> (m)           |                                |                                                                                                                                                                                                                                     |

## HISTORICAL DATA

|                           |                   |                               |                      |
|---------------------------|-------------------|-------------------------------|----------------------|
| Year Built                | <u>1970</u>       | Last OSIM Inspection          | <u>July 28, 2011</u> |
| Year of Last Major Rehab. | <u>-</u>          | Last Enhanced OSIM Inspection | <u>-</u>             |
| Current Load Limit        | <u>-</u> (tonnes) | Last Bridge Master Inspection | <u>-</u>             |
| Load Limit By-Law #       | <u>-</u>          | Last Evaluation               | <u>-</u>             |
| By-Law Expiry Date        | <u>-</u>          | Last Underwater Inspection    | <u>-</u>             |
| Min. Vertical Clearance   | <u>-</u> (m)      | Last Condition Survey         | <u>-</u>             |

## Rehabilitation History: (Date / Description)

**FIELD INSPECTION INFORMATION**

Date of Inspection: October 19, 2016 Type of Inspection: ☒ OSIM ☐ Enhanced OSIM  
 Inspector: Marek Stutz, P.Eng.  
 Others in Party: Mohamed El-Sarji, P.Eng.  
 Access Equipment Used: Measuring tape, digital camera, hammer and chest waders  
 Weather: Sunny  
 Temperature: 17°C

**ADDITIONAL INVESTIGATION REQUIRED**
**Priority**

None

Normal

Urgent

**Estimated Cost**

|                                                               |                   |   |  |                     |
|---------------------------------------------------------------|-------------------|---|--|---------------------|
| Rehabilitation/Replacement Study:                             |                   | X |  | \$ 15,000.00        |
| Material Condition Survey                                     |                   |   |  |                     |
| Detailed Deck Condition Survey:                               | X                 |   |  | \$ -                |
| Non-destructive Delamination Survey of Asphalt- Covered Deck: | X                 |   |  | \$ -                |
| Concrete Substructure Condition Survey:                       | X                 |   |  | \$ -                |
| Detailed Coating Condition Survey:                            | X                 |   |  | \$ -                |
| Detailed Timber Investigation:                                | X                 |   |  | \$ -                |
| Underwater Investigation:                                     | X                 |   |  | \$ -                |
| Fatigue Investigation:                                        | X                 |   |  | \$ -                |
| Seismic Investigation:                                        | X                 |   |  | \$ -                |
| Structure Evaluation:                                         | X                 |   |  | \$ -                |
| Monitoring                                                    |                   |   |  |                     |
| Monitoring of Deformations, Settlement and Movements:         | X                 |   |  | \$ -                |
| Monitoring Crack Widths:                                      | X                 |   |  | \$ -                |
| <b>Load Posting – Estimated Load Limit</b>                    | <b>Total Cost</b> |   |  | <b>\$ 15,000.00</b> |

**Investigation Notes:**
**OVERALL STRUCTURAL NOTES:**

Recommended Work on Structure: ☐ None ☐ Minor Rehab. ☐ Major Rehab. ☒ Replace

Timing of Recommended Work: ☒ 1 to 5 years ☐ 6 to 10 years

**Overall Comments:**

Structure is generally in poor condition. Structure replacement is recommended in the next 1 to 5 years.

Date of Next Inspection: October 2018

**Suspected Performance Deficiencies**

- |                                                    |                                          |                                          |
|----------------------------------------------------|------------------------------------------|------------------------------------------|
| 00 None                                            | 06 Bearing not uniformly loaded/unstable | 12 Slippery surfaces                     |
| 01 Load carrying capacity                          | 07 Jammed expansion joint                | 13 Flooding/channel blockage             |
| 02 Excessive deformations (deflections & rotation) | 08 Pedestrian/vehicular hazard           | 14 Undermining of foundation             |
| 03 Continuing settlement                           | 09 Rough riding surface                  | 15 Unstable embankments                  |
| 04 Continuing movements                            | 10 Surface ponding                       | 16 Other                                 |
| 05 Seized bearings                                 | 11 Deck drainage                         |                                          |
| <b>Maintenance Needs</b>                           |                                          |                                          |
| 01 Lift and swing bridge maintenance               | 07 Repair of structural steel            | 13 Erosion control at bridges            |
| 02 Bridge cleaning                                 | 08 Repair of bridge concrete             | 14 Concrete sealing                      |
| 03 Bridge handrail maintenance                     | 09 Repair of bridge timber               | 15 Rout and seal                         |
| 04 Painting steel bridge structures                | 10 Bailey bridges maintenance            | 16 Bridge deck drainage                  |
| 05 Bridge deck joint repair                        | 11 Animal/pest control                   | 17 Scaling (loose Concrete or ACR Steel) |
| 06 Bridge bearing maintenance                      | 12 Bridge surface repair                 | 18 Other                                 |

| ELEMENT DATA                                                                                                                                         |                            |           |                                                                                                                            |                          |      |
|------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|-----------|----------------------------------------------------------------------------------------------------------------------------|--------------------------|------|
| Element Group:                                                                                                                                       | Approaches                 |           | Length:                                                                                                                    | 6.00 m                   |      |
| Element Name:                                                                                                                                        | Wearing Surface            |           | Width:                                                                                                                     | 2.00 m                   |      |
| Location:                                                                                                                                            | North & South of Structure |           | Height:                                                                                                                    | -                        |      |
| Material:                                                                                                                                            | Gravel                     |           | Count:                                                                                                                     | 2                        |      |
| Element Type:                                                                                                                                        | Gravel Wearing Surface     |           | Total Quantity:                                                                                                            | 24.00 m <sup>2</sup>     |      |
| Environment:                                                                                                                                         | Severe                     |           | Limited Inspection:                                                                                                        | <input type="checkbox"/> |      |
| Protection System                                                                                                                                    | None                       |           |                                                                                                                            |                          |      |
| Condition Data:                                                                                                                                      | Units                      | Excellent | Good                                                                                                                       | Fair                     | Poor |
|                                                                                                                                                      | m <sup>2</sup>             | -         | 20.00                                                                                                                      | 4.00                     | -    |
| <b>Comments:</b><br>- Light wheel track rutting and vegetation growth noted at the approach wearing surfaces<br>- Erosion at east side of approaches |                            |           |                                                                                                                            |                          |      |
| Performance Deficiencies: 00                                                                                                                         |                            |           | Maintenance Needs: 00                                                                                                      |                          |      |
| <b>Recommended Work:</b><br><input type="checkbox"/> Rehab.<br><input type="checkbox"/> 1 – 5 Years                                                  |                            |           | <b>Maintenance Needs:</b> <input type="checkbox"/> Urgent <input type="checkbox"/> 1 Year <input type="checkbox"/> 2 Years |                          |      |
| <input type="checkbox"/> Replace<br><input type="checkbox"/> 6 – 10 Years                                                                            |                            |           |                                                                                                                            |                          |      |

|                                                                                                                                                                                                                                                                                                        |                       |           |                                                                                                                            |                                     |      |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|-----------|----------------------------------------------------------------------------------------------------------------------------|-------------------------------------|------|
| Element Group:                                                                                                                                                                                                                                                                                         | Culverts              |           | Length:                                                                                                                    | 10.00 m                             |      |
| Element Name:                                                                                                                                                                                                                                                                                          | Barrels               |           | Width:                                                                                                                     | 0.70 m                              |      |
| Location:                                                                                                                                                                                                                                                                                              | Below Roadway         |           | Height:                                                                                                                    | 0.70 m                              |      |
| Material:                                                                                                                                                                                                                                                                                              | Steel                 |           | Count:                                                                                                                     | 3                                   |      |
| Element Type:                                                                                                                                                                                                                                                                                          | Corrugated Steel Pipe |           | Total Quantity:                                                                                                            | 65.97 m <sup>2</sup>                |      |
| Environment:                                                                                                                                                                                                                                                                                           | Benign                |           | Limited Inspection:                                                                                                        | <input checked="" type="checkbox"/> |      |
| Protection System                                                                                                                                                                                                                                                                                      | None                  |           |                                                                                                                            |                                     |      |
| Condition Data:                                                                                                                                                                                                                                                                                        | Units                 | Excellent | Good                                                                                                                       | Fair                                | Poor |
|                                                                                                                                                                                                                                                                                                        | m <sup>2</sup>        | -         | -                                                                                                                          | 60.00                               | 5.97 |
| <b>Comments:</b><br>- Severe corrosion and perforations of barrel at east end of north barrel and west end of barrels<br>- Moderate to severe corrosion with flaking throughout the barrels<br>- Light corrosion at exposed top of barrels<br>- Concrete slab noted over culvert barrels below roadway |                       |           |                                                                                                                            |                                     |      |
| Performance Deficiencies: 01                                                                                                                                                                                                                                                                           |                       |           | Maintenance Needs: 00                                                                                                      |                                     |      |
| <b>Recommended Work:</b><br><input type="checkbox"/> Rehab.<br><input checked="" type="checkbox"/> 1 – 5 Years                                                                                                                                                                                         |                       |           | <b>Maintenance Needs:</b> <input type="checkbox"/> Urgent <input type="checkbox"/> 1 Year <input type="checkbox"/> 2 Years |                                     |      |
| <input checked="" type="checkbox"/> Replace<br><input type="checkbox"/> 6 – 10 Years                                                                                                                                                                                                                   |                       |           |                                                                                                                            |                                     |      |

| ELEMENT DATA                                                                                                                                                            |                                 |           |                                                                                                                            |                                     |      |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|-----------|----------------------------------------------------------------------------------------------------------------------------|-------------------------------------|------|
| Element Group:                                                                                                                                                          | Foundations                     |           | Length:                                                                                                                    | -                                   |      |
| Element Name:                                                                                                                                                           | Foundation (Below Ground Level) |           | Width:                                                                                                                     | -                                   |      |
| Location:                                                                                                                                                               | Below Barrels                   |           | Height:                                                                                                                    | -                                   |      |
| Material:                                                                                                                                                               | Unknown                         |           | Count:                                                                                                                     | -                                   |      |
| Element Type:                                                                                                                                                           | Unknown                         |           | Total Quantity:                                                                                                            | -                                   |      |
| Environment:                                                                                                                                                            | Benign                          |           | Limited Inspection:                                                                                                        | <input checked="" type="checkbox"/> |      |
| Protection System                                                                                                                                                       | Unknown                         |           |                                                                                                                            |                                     |      |
| Condition Data:                                                                                                                                                         | Units                           | Excellent | Good                                                                                                                       | Fair                                | Poor |
|                                                                                                                                                                         | N/A                             | -         | -                                                                                                                          | -                                   | -    |
| <b>Comments:</b><br>No visible evidence of foundation instability was noted at time of inspection.                                                                      |                                 |           |                                                                                                                            |                                     |      |
| Performance Deficiencies: 00                                                                                                                                            |                                 |           | Maintenance Needs: 00                                                                                                      |                                     |      |
| <b>Recommended Work:</b> <input type="checkbox"/> Rehab. <input type="checkbox"/> Replace<br><input type="checkbox"/> 1 – 5 Years <input type="checkbox"/> 6 – 10 Years |                                 |           | <b>Maintenance Needs:</b> <input type="checkbox"/> Urgent <input type="checkbox"/> 1 Year <input type="checkbox"/> 2 Years |                                     |      |

|                                                                                                                                                                         |                              |           |                                                                                                                            |                          |      |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|-----------|----------------------------------------------------------------------------------------------------------------------------|--------------------------|------|
| Element Group:                                                                                                                                                          | Embankments & Streams        |           | Length:                                                                                                                    | -                        |      |
| Element Name:                                                                                                                                                           | Embankments                  |           | Width:                                                                                                                     | -                        |      |
| Location:                                                                                                                                                               | NE, NW, SE & SW of Structure |           | Height:                                                                                                                    | -                        |      |
| Material:                                                                                                                                                               | Native Soil                  |           | Count:                                                                                                                     | -                        |      |
| Element Type:                                                                                                                                                           | Embankment                   |           | Total Quantity:                                                                                                            | 4                        |      |
| Environment:                                                                                                                                                            | Moderate                     |           | Limited Inspection:                                                                                                        | <input type="checkbox"/> |      |
| Protection System                                                                                                                                                       | Vegetation                   |           |                                                                                                                            |                          |      |
| Condition Data:                                                                                                                                                         | Units                        | Excellent | Good                                                                                                                       | Fair                     | Poor |
|                                                                                                                                                                         | Each                         | -         | 4                                                                                                                          | -                        | -    |
| <b>Comments:</b><br>- Embankments are moderately sloped and well vegetated.<br>- Light erosion noted at embankments                                                     |                              |           |                                                                                                                            |                          |      |
| Performance Deficiencies: 00                                                                                                                                            |                              |           | Maintenance Needs: 00                                                                                                      |                          |      |
| <b>Recommended Work:</b> <input type="checkbox"/> Rehab. <input type="checkbox"/> Replace<br><input type="checkbox"/> 1 – 5 Years <input type="checkbox"/> 6 – 10 Years |                              |           | <b>Maintenance Needs:</b> <input type="checkbox"/> Urgent <input type="checkbox"/> 1 Year <input type="checkbox"/> 2 Years |                          |      |

| ELEMENT DATA                                                                                                                                                            |                              |           |                                                                                                                            |                          |      |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|-----------|----------------------------------------------------------------------------------------------------------------------------|--------------------------|------|
| Element Group:                                                                                                                                                          | Embankments & Streams        |           | Length:                                                                                                                    | -                        |      |
| Element Name:                                                                                                                                                           | Slope Protection             |           | Width:                                                                                                                     | -                        |      |
| Location:                                                                                                                                                               | NE, NW, SE & SW of Structure |           | Height:                                                                                                                    | -                        |      |
| Material:                                                                                                                                                               | Vegetation                   |           | Count:                                                                                                                     | -                        |      |
| Element Type:                                                                                                                                                           | Slope Protection             |           | Total Quantity:                                                                                                            | 4                        |      |
| Environment:                                                                                                                                                            | Moderate                     |           | Limited Inspection:                                                                                                        | <input type="checkbox"/> |      |
| Protection System                                                                                                                                                       | None                         |           |                                                                                                                            |                          |      |
| Condition Data:                                                                                                                                                         | Units                        | Excellent | Good                                                                                                                       | Fair                     | Poor |
|                                                                                                                                                                         | Each                         | -         | 4                                                                                                                          | -                        | -    |
| <b>Comments:</b><br>Light erosion noted at embankments.                                                                                                                 |                              |           |                                                                                                                            |                          |      |
| Performance Deficiencies: 00                                                                                                                                            |                              |           | Maintenance Needs: 00                                                                                                      |                          |      |
| <b>Recommended Work:</b> <input type="checkbox"/> Rehab. <input type="checkbox"/> Replace<br><input type="checkbox"/> 1 – 5 Years <input type="checkbox"/> 6 – 10 Years |                              |           | <b>Maintenance Needs:</b> <input type="checkbox"/> Urgent <input type="checkbox"/> 1 Year <input type="checkbox"/> 2 Years |                          |      |

|                                                                                                                                                                         |                       |           |                                                                                                                            |                          |      |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|-----------|----------------------------------------------------------------------------------------------------------------------------|--------------------------|------|
| Element Group:                                                                                                                                                          | Embankments & Streams |           | Length:                                                                                                                    | -                        |      |
| Element Name:                                                                                                                                                           | Streams and Waterway  |           | Width:                                                                                                                     | -                        |      |
| Location:                                                                                                                                                               | Under Structure       |           | Height:                                                                                                                    | -                        |      |
| Material:                                                                                                                                                               | Native                |           | Count:                                                                                                                     | -                        |      |
| Element Type:                                                                                                                                                           | Stream                |           | Total Quantity:                                                                                                            | All                      |      |
| Environment:                                                                                                                                                            | Benign                |           | Limited Inspection:                                                                                                        | <input type="checkbox"/> |      |
| Protection System                                                                                                                                                       | None                  |           |                                                                                                                            |                          |      |
| Condition Data:                                                                                                                                                         | Units                 | Excellent | Good                                                                                                                       | Fair                     | Poor |
|                                                                                                                                                                         | All                   | -         | -                                                                                                                          | All                      | -    |
| <b>Comments:</b><br>Low volume and flow from west to east with vegetation growth noted at inlet and outlet.                                                             |                       |           |                                                                                                                            |                          |      |
| Performance Deficiencies: 00                                                                                                                                            |                       |           | Maintenance Needs: 00                                                                                                      |                          |      |
| <b>Recommended Work:</b> <input type="checkbox"/> Rehab. <input type="checkbox"/> Replace<br><input type="checkbox"/> 1 – 5 Years <input type="checkbox"/> 6 – 10 Years |                       |           | <b>Maintenance Needs:</b> <input type="checkbox"/> Urgent <input type="checkbox"/> 1 Year <input type="checkbox"/> 2 Years |                          |      |

| REPAIR AND REHABILITATION REQUIRED |                                    | Priority     |             |          | Estimated Cost |
|------------------------------------|------------------------------------|--------------|-------------|----------|----------------|
| Element                            | Repair and Rehabilitation Required | 6 - 10 Years | 1 - 5 Years | < 1 Year |                |
| Barrels                            | Replace Barrel                     |              | X           |          | \$ 74,000.00   |
|                                    |                                    |              |             |          | \$ -           |
|                                    |                                    |              |             |          | \$ -           |
|                                    |                                    |              |             |          | \$ -           |
|                                    |                                    |              |             |          | \$ -           |
|                                    |                                    |              |             |          | \$ -           |
|                                    |                                    |              |             |          | \$ -           |
|                                    |                                    |              |             |          | \$ -           |
|                                    |                                    |              |             |          | \$ -           |
| Total Cost                         |                                    |              |             |          | \$ 74,000.00   |

| ASSOCIATED WORK     | Comments | Estimated Cost |
|---------------------|----------|----------------|
| Approaches          |          | \$ -           |
| Detours             |          | \$ -           |
| Traffic Control     |          | \$ -           |
| Utilities           |          | \$ -           |
| Right of Way        |          | \$ -           |
| Environmental Study |          | \$ -           |
| Other               |          | \$ -           |
| Contingencies       |          | \$ -           |
| Total Cost          |          | \$ -           |

| JUSTIFICATION |
|---------------|
|               |



**Photo 1:** Structure from south approach



**Photo 2:** East elevation



**Photo 3:** West elevation



**Photo 4:** Medium to severe corrosion at barrel interior



**Photo 5:** Severe corrosion and perforations at west end of north barrel



**Photo 6:** Light corrosion at exposed barrel ends

**1. Department / Function: Trails**

**Details of Project/Study: Replacement of Culvert 15A on CP Rail Trail**

**2. Total Gross Cost of Proposed Capital Project/Study: \$41,000**

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              | \$41,000              |           |                 |

Replacement of Culvert 15A on CP Rail Trail - 0.44 km South of Holland Sydenham Townline

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018 | 2019 | 2020     | 2021 | 2022 | Total           |
|--------------|------|------|----------|------|------|-----------------|
| <b>Gross</b> | \$0  | \$0  | \$41,000 | \$0  | \$0  | <b>\$41,000</b> |
| <b>Net</b>   | \$0  | \$0  | \$0      | \$0  | \$0  | <b>\$0</b>      |

**3. Estimated Useful Life: 50 years**

**4. Location of Project/Study (if applicable):**

| Facility Name / Address                                                  | Municipality           |
|--------------------------------------------------------------------------|------------------------|
| Culvert 15A on CP Rail Trail - 0.4 km South of Holland Sydenham Townline | Township of Chatsworth |

**5. Need or Benefit(s) of Project (including safety issues):**

The 2016 Bridge and Culvert Assessment Report recommends that Culvert 15A be replaced in 2020. The culvert has a Bridge Condition Index of 30 which is considered poor. The estimated cost to replace Culvert 15A is \$41,000.

**6. Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:**

|              | 2017 | 2018 | 2019 | 2020 | 2021 | Total      |
|--------------|------|------|------|------|------|------------|
| <b>Gross</b> | \$0  | \$0  | \$0  | \$0  | \$0  | <b>\$0</b> |
| <b>Net</b>   | \$0  | \$0  | \$0  | \$0  | \$0  | <b>\$0</b> |

**7. Consequences/Implications of Not Undertaking Project (including alternatives):**

If this culvert is not replaced, trail user safety could be in jeopardy and this section of trail could be closed as a result. The trail is used by many groups and is a vital corridor to local snowmobile, ATV, equestrian and cycling clubs to provide links to other trails within the area.

**8. Identify Sources and Amounts of Funding**

|              | From Reserve - Trails Reserve |
|--------------|-------------------------------|
| 2018         | \$0                           |
| 2019         | \$0                           |
| 2020         | \$41,000                      |
| 2021         | \$0                           |
| 2022         | \$0                           |
| <b>Total</b> | <b>\$41,000</b>               |

**9. Compliance with Council objective/strategic plan (if applicable):**

The completion of this project will allow the CP Rail Trail to continue to be used by many user groups and provide a vital link to other trails in the area continuing to secure Grey County as Ontario's recreation jewel. The replacement also shows a commitment to the lifecycle planning for long-term investment in county-owned capital assets.

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

Over the next 5 years, funds will be moved to and from the trails reserve in order to have a consistent levy increase rather than a fluctuating one. Once the replacement is complete, there will be general maintenance required on the culvert that would be completed through ongoing operating budgets. As the legal owner of this structure, it is necessary to ensure its safety for the trail users as the County is responsible for the entire trail including the structures.

| STRUCTURE INFORMATION    |                                            |                                   |              |
|--------------------------|--------------------------------------------|-----------------------------------|--------------|
| Structure Name           | C15A                                       | Structure Number                  | C15A         |
| Structure Type           | Corrugated Steel Pipe                      | Year Built                        | -            |
| Road Name                | CP Rail Trail                              |                                   |              |
| Structure Location       | 0.44 km South of Holland Sydenham Townline |                                   |              |
| Previous Inspection Date | -                                          | 2011 Bridge Condition Index (BCI) | -            |
| Inspection Date          | October 19, 2016                           | 2016 Bridge Condition Index (BCI) | 30           |
| Next Inspection Date     | October 2018                               | Current Replacement Value         | \$ 41,000.00 |

| REHABILITATION HISTORY |  |
|------------------------|--|
|                        |  |

| ADDITIONAL INVESTIGATIONS        |          |              |
|----------------------------------|----------|--------------|
| Investigation                    | Priority | Cost         |
| Rehabilitation/Replacement Study | Normal   | \$ 15,000.00 |
|                                  |          |              |
|                                  |          |              |

| PERFORMANCE DEFICIENCIES |                 |                        |
|--------------------------|-----------------|------------------------|
| Element Group            | Element         | Performance Deficiency |
| Approaches               | Wearing Surface | Rough riding surface   |
| Culverts                 | Barrels         | Load carrying capacity |
|                          |                 |                        |

| MAINTENANCE NEEDS |                 |                      |          |
|-------------------|-----------------|----------------------|----------|
| Element Group     | Element         | Maintenance Required | Priority |
| Approaches        | Wearing Surface | Re-grade Approaches  | 1 Year   |
|                   |                 |                      |          |
|                   |                 |                      |          |

| REPAIR / REHABILITATION |         |                         |             |              |
|-------------------------|---------|-------------------------|-------------|--------------|
| Element Group           | Element | Repair / Rehabilitation | Priority    | Cost         |
| Culverts                | Barrels | Replace Barrel          | 1 - 5 Years | \$ 41,000.00 |
|                         |         |                         |             |              |
|                         |         |                         |             |              |

| OVERALL COMMENTS                                               |
|----------------------------------------------------------------|
| Structure is generally in poor condition.                      |
| Structure replacement is recommended in the next 1 to 5 years. |

**INVENTORY DATA:**

|                    |                                                   |                                |                                                                                                                                                                                                                                     |
|--------------------|---------------------------------------------------|--------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Structure Name     | <u>C15A</u>                                       |                                |                                                                                                                                                                                                                                     |
| Main Hwy/Road #    | <u>-</u>                                          | <b>Under Structure:</b>        | Navigable Water <input type="checkbox"/> Non- Navigable Water <input checked="" type="checkbox"/><br>Rail <input type="checkbox"/> Road <input type="checkbox"/> Pedestrian <input type="checkbox"/> Other <input type="checkbox"/> |
|                    |                                                   | <b>On Structure:</b>           | Rail <input type="checkbox"/> Road <input type="checkbox"/> Pedestrian <input checked="" type="checkbox"/> Other <input type="checkbox"/>                                                                                           |
| Road Name:         | <u>CP Rail Trail</u>                              |                                |                                                                                                                                                                                                                                     |
| Structure Location | <u>0.44 km South of Holland Sydenham Townline</u> |                                |                                                                                                                                                                                                                                     |
| Latitude           | <u>44.47097</u>                                   | Longitude                      | <u>-80.90252</u>                                                                                                                                                                                                                    |
| Owner(s)           | <u>Grey County</u>                                | Heritage Designation           | Not Cons. <input type="checkbox"/> Cons./Not App. <input type="checkbox"/> List/Not Desig. <input type="checkbox"/><br>Desig./not List <input type="checkbox"/> Desig. & List <input type="checkbox"/>                              |
| MTO Region         | <u>-</u>                                          | Road Class:                    | Freeway <input type="checkbox"/> Arterial <input type="checkbox"/> Collector <input type="checkbox"/> Local <input checked="" type="checkbox"/>                                                                                     |
| MTO District       | <u>-</u>                                          | Posted Speed                   | <u>-</u> No. of Lanes <u>1</u>                                                                                                                                                                                                      |
| Old County         | <u>-</u>                                          | AADT                           | <u>-</u> % Trucks <u>-</u>                                                                                                                                                                                                          |
| Geographic Twp.    | <u>-</u>                                          | Special Routes                 | Transit <input type="checkbox"/> Truck <input type="checkbox"/> School <input type="checkbox"/> Bicycle <input type="checkbox"/>                                                                                                    |
| Structure Type     | <u>Corrugated Steel Pipe</u>                      |                                |                                                                                                                                                                                                                                     |
|                    |                                                   | Detour Length Around Structure | <u>-</u> (km)                                                                                                                                                                                                                       |
| Total Deck Length  | <u>0.60</u> (m)                                   | Fill on Structure              | <u>1.50</u> (m)                                                                                                                                                                                                                     |
| Overall Str. Width | <u>8.60</u> (m)                                   | Skew Angle                     | <u>0</u> (Degrees)                                                                                                                                                                                                                  |
| Total Deck Area    | <u>5.16</u> (m <sup>2</sup> )                     | Direction of Structure         | <u>East/West</u>                                                                                                                                                                                                                    |
| Roadway Width      | <u>2.00</u> (m)                                   | No. of Spans                   | <u>1</u>                                                                                                                                                                                                                            |
| Span Lengths       | <u>0.60</u> (m)                                   |                                |                                                                                                                                                                                                                                     |

**HISTORICAL DATA**

|                           |                   |                               |          |
|---------------------------|-------------------|-------------------------------|----------|
| Year Built                | <u>-</u>          | Last OSIM Inspection          | <u>-</u> |
| Year of Last Major Rehab. | <u>-</u>          | Last Enhanced OSIM Inspection | <u>-</u> |
| Current Load Limit        | <u>-</u> (tonnes) | Last Bridge Master Inspection | <u>-</u> |
| Load Limit By-Law #       | <u>-</u>          | Last Evaluation               | <u>-</u> |
| By-Law Expiry Date        | <u>-</u>          | Last Underwater Inspection    | <u>-</u> |
| Min. Vertical Clearance   | <u>-</u> (m)      | Last Condition Survey         | <u>-</u> |

**Rehabilitation History: (Date / Description)**

**FIELD INSPECTION INFORMATION**

Date of Inspection: October 19, 2016 Type of Inspection: ☒ OSIM ☐ Enhanced OSIM  
 Inspector: Marek Stutz, P.Eng.  
 Others in Party: Mohamed El-Sarji, P.Eng.  
 Access Equipment Used: Measuring tape, digital camera, hammer and chest waders  
 Weather: Sunny  
 Temperature: 17°C

**ADDITIONAL INVESTIGATION REQUIRED**
**Priority**

None

Normal

Urgent

**Estimated Cost**

|                                                               |                   |   |  |                     |
|---------------------------------------------------------------|-------------------|---|--|---------------------|
| Rehabilitation/Replacement Study:                             |                   | X |  | \$ 15,000.00        |
| Material Condition Survey                                     |                   |   |  |                     |
| Detailed Deck Condition Survey:                               | X                 |   |  | \$ -                |
| Non-destructive Delamination Survey of Asphalt- Covered Deck: | X                 |   |  | \$ -                |
| Concrete Substructure Condition Survey:                       | X                 |   |  | \$ -                |
| Detailed Coating Condition Survey:                            | X                 |   |  | \$ -                |
| Detailed Timber Investigation:                                | X                 |   |  | \$ -                |
| Underwater Investigation:                                     | X                 |   |  | \$ -                |
| Fatigue Investigation:                                        | X                 |   |  | \$ -                |
| Seismic Investigation:                                        | X                 |   |  | \$ -                |
| Structure Evaluation:                                         | X                 |   |  | \$ -                |
| Monitoring                                                    |                   |   |  |                     |
| Monitoring of Deformations, Settlement and Movements:         | X                 |   |  | \$ -                |
| Monitoring Crack Widths:                                      | X                 |   |  | \$ -                |
| <b>Load Posting – Estimated Load Limit</b>                    | <b>Total Cost</b> |   |  | <b>\$ 15,000.00</b> |

**Investigation Notes:**
**OVERALL STRUCTURAL NOTES:**

Recommended Work on Structure: ☐ None ☐ Minor Rehab. ☐ Major Rehab. ☒ Replace

Timing of Recommended Work: ☒ 1 to 5 years ☐ 6 to 10 years

**Overall Comments:**

Structure is generally in poor condition. Structure replacement is recommended in the next 1 to 5 years.

Date of Next Inspection: October 2018
**Suspected Performance Deficiencies**

- |                                                    |                                          |                                          |
|----------------------------------------------------|------------------------------------------|------------------------------------------|
| 00 None                                            | 06 Bearing not uniformly loaded/unstable | 12 Slippery surfaces                     |
| 01 Load carrying capacity                          | 07 Jammed expansion joint                | 13 Flooding/channel blockage             |
| 02 Excessive deformations (deflections & rotation) | 08 Pedestrian/vehicular hazard           | 14 Undermining of foundation             |
| 03 Continuing settlement                           | 09 Rough riding surface                  | 15 Unstable embankments                  |
| 04 Continuing movements                            | 10 Surface ponding                       | 16 Other                                 |
| 05 Seized bearings                                 | 11 Deck drainage                         |                                          |
| <b>Maintenance Needs</b>                           |                                          |                                          |
| 01 Lift and swing bridge maintenance               | 07 Repair of structural steel            | 13 Erosion control at bridges            |
| 02 Bridge cleaning                                 | 08 Repair of bridge concrete             | 14 Concrete sealing                      |
| 03 Bridge handrail maintenance                     | 09 Repair of bridge timber               | 15 Rout and seal                         |
| 04 Painting steel bridge structures                | 10 Bailey bridges maintenance            | 16 Bridge deck drainage                  |
| 05 Bridge deck joint repair                        | 11 Animal/pest control                   | 17 Scaling (loose Concrete or ACR Steel) |
| 06 Bridge bearing maintenance                      | 12 Bridge surface repair                 | 18 Other                                 |

| ELEMENT DATA                                                                                                                                                                              |                            |           |                                                                                                                                       |                          |      |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|-----------|---------------------------------------------------------------------------------------------------------------------------------------|--------------------------|------|
| Element Group:                                                                                                                                                                            | Approaches                 |           | Length:                                                                                                                               | 6.00 m                   |      |
| Element Name:                                                                                                                                                                             | Wearing Surface            |           | Width:                                                                                                                                | 2.00 m                   |      |
| Location:                                                                                                                                                                                 | North & South of Structure |           | Height:                                                                                                                               | -                        |      |
| Material:                                                                                                                                                                                 | Gravel                     |           | Count:                                                                                                                                | 2                        |      |
| Element Type:                                                                                                                                                                             | Gravel Wearing Surface     |           | Total Quantity:                                                                                                                       | 24.00 m <sup>2</sup>     |      |
| Environment:                                                                                                                                                                              | Severe                     |           | Limited Inspection:                                                                                                                   | <input type="checkbox"/> |      |
| Protection System                                                                                                                                                                         | None                       |           |                                                                                                                                       |                          |      |
| Condition Data:                                                                                                                                                                           | Units                      | Excellent | Good                                                                                                                                  | Fair                     | Poor |
|                                                                                                                                                                                           | m <sup>2</sup>             | -         | 7.00                                                                                                                                  | 17.00                    | -    |
| <b>Comments:</b><br>- Light to medium wheel track rutting and vegetation growth noted at the approach wearing surface.<br>- East side of the wearing surface is higher than the west side |                            |           |                                                                                                                                       |                          |      |
| Performance Deficiencies: 09                                                                                                                                                              |                            |           | Maintenance Needs: 18 - Re-grade Approaches                                                                                           |                          |      |
| <b>Recommended Work:</b><br><input type="checkbox"/> Rehab. <input type="checkbox"/> Replace<br><input type="checkbox"/> 1 – 5 Years <input type="checkbox"/> 6 – 10 Years                |                            |           | <b>Maintenance Needs:</b> <input type="checkbox"/> Urgent <input checked="" type="checkbox"/> 1 Year <input type="checkbox"/> 2 Years |                          |      |

|                                                                                                                                                                                                  |                       |           |                                                                                                                            |                                     |      |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|-----------|----------------------------------------------------------------------------------------------------------------------------|-------------------------------------|------|
| Element Group:                                                                                                                                                                                   | Culverts              |           | Length:                                                                                                                    | 8.60 m                              |      |
| Element Name:                                                                                                                                                                                    | Barrels               |           | Width:                                                                                                                     | 0.60 m                              |      |
| Location:                                                                                                                                                                                        | Below Roadway         |           | Height:                                                                                                                    | 0.60 m                              |      |
| Material:                                                                                                                                                                                        | Steel                 |           | Count:                                                                                                                     | 1                                   |      |
| Element Type:                                                                                                                                                                                    | Corrugated Steel Pipe |           | Total Quantity:                                                                                                            | 16.21 m <sup>2</sup>                |      |
| Environment:                                                                                                                                                                                     | Benign                |           | Limited Inspection:                                                                                                        | <input checked="" type="checkbox"/> |      |
| Protection System                                                                                                                                                                                | None                  |           |                                                                                                                            |                                     |      |
| Condition Data:                                                                                                                                                                                  | Units                 | Excellent | Good                                                                                                                       | Fair                                | Poor |
|                                                                                                                                                                                                  | m <sup>2</sup>        | -         | -                                                                                                                          | 12.00                               | 4.21 |
| <b>Comments:</b><br>- Deformation of barrel ends<br>- Medium to severe corrosion noted throughout the barrel<br>- Severe corrosion and perforations at ends of barrel                            |                       |           |                                                                                                                            |                                     |      |
| Performance Deficiencies: 01                                                                                                                                                                     |                       |           | Maintenance Needs: 00                                                                                                      |                                     |      |
| <b>Recommended Work:</b><br><input type="checkbox"/> Rehab. <input checked="" type="checkbox"/> Replace<br><input checked="" type="checkbox"/> 1 – 5 Years <input type="checkbox"/> 6 – 10 Years |                       |           | <b>Maintenance Needs:</b> <input type="checkbox"/> Urgent <input type="checkbox"/> 1 Year <input type="checkbox"/> 2 Years |                                     |      |

| ELEMENT DATA                                                                                                                                                               |                                 |           |                                                                                                                            |                                     |      |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|-----------|----------------------------------------------------------------------------------------------------------------------------|-------------------------------------|------|
| Element Group:                                                                                                                                                             | Foundations                     |           | Length:                                                                                                                    | -                                   |      |
| Element Name:                                                                                                                                                              | Foundation (Below Ground Level) |           | Width:                                                                                                                     | -                                   |      |
| Location:                                                                                                                                                                  | Below Barrel                    |           | Height:                                                                                                                    | -                                   |      |
| Material:                                                                                                                                                                  | Unknown                         |           | Count:                                                                                                                     | -                                   |      |
| Element Type:                                                                                                                                                              | Unknown                         |           | Total Quantity:                                                                                                            | -                                   |      |
| Environment:                                                                                                                                                               | Benign                          |           | Limited Inspection:                                                                                                        | <input checked="" type="checkbox"/> |      |
| Protection System                                                                                                                                                          | Unknown                         |           |                                                                                                                            |                                     |      |
| Condition Data:                                                                                                                                                            | Units                           | Excellent | Good                                                                                                                       | Fair                                | Poor |
|                                                                                                                                                                            | N/A                             | -         | -                                                                                                                          | -                                   | -    |
| <b>Comments:</b><br>No visible evidence of foundation instability was noted at time of inspection.                                                                         |                                 |           |                                                                                                                            |                                     |      |
| Performance Deficiencies: 00                                                                                                                                               |                                 |           | Maintenance Needs: 00                                                                                                      |                                     |      |
| <b>Recommended Work:</b><br><input type="checkbox"/> Rehab. <input type="checkbox"/> Replace<br><input type="checkbox"/> 1 – 5 Years <input type="checkbox"/> 6 – 10 Years |                                 |           | <b>Maintenance Needs:</b> <input type="checkbox"/> Urgent <input type="checkbox"/> 1 Year <input type="checkbox"/> 2 Years |                                     |      |

|                                                                                                                                                                            |                              |           |                                                                                                                            |                          |      |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|-----------|----------------------------------------------------------------------------------------------------------------------------|--------------------------|------|
| Element Group:                                                                                                                                                             | Embankments & Streams        |           | Length:                                                                                                                    | -                        |      |
| Element Name:                                                                                                                                                              | Embankments                  |           | Width:                                                                                                                     | -                        |      |
| Location:                                                                                                                                                                  | NE, NW, SE & SW of Structure |           | Height:                                                                                                                    | -                        |      |
| Material:                                                                                                                                                                  | Native Soil                  |           | Count:                                                                                                                     | -                        |      |
| Element Type:                                                                                                                                                              | Embankment                   |           | Total Quantity:                                                                                                            | 4                        |      |
| Environment:                                                                                                                                                               | Moderate                     |           | Limited Inspection:                                                                                                        | <input type="checkbox"/> |      |
| Protection System                                                                                                                                                          | Vegetation                   |           |                                                                                                                            |                          |      |
| Condition Data:                                                                                                                                                            | Units                        | Excellent | Good                                                                                                                       | Fair                     | Poor |
|                                                                                                                                                                            | Each                         | -         | 4                                                                                                                          | -                        | -    |
| <b>Comments:</b><br>- Embankments are moderately sloped and well vegetated<br>- Light erosion noted at northwest and southeast embankments                                 |                              |           |                                                                                                                            |                          |      |
| Performance Deficiencies: 00                                                                                                                                               |                              |           | Maintenance Needs: 00                                                                                                      |                          |      |
| <b>Recommended Work:</b><br><input type="checkbox"/> Rehab. <input type="checkbox"/> Replace<br><input type="checkbox"/> 1 – 5 Years <input type="checkbox"/> 6 – 10 Years |                              |           | <b>Maintenance Needs:</b> <input type="checkbox"/> Urgent <input type="checkbox"/> 1 Year <input type="checkbox"/> 2 Years |                          |      |

| ELEMENT DATA                                                                                                                                                            |                              |           |                                                                                                                            |                          |      |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|-----------|----------------------------------------------------------------------------------------------------------------------------|--------------------------|------|
| Element Group:                                                                                                                                                          | Embankments & Streams        |           | Length:                                                                                                                    | -                        |      |
| Element Name:                                                                                                                                                           | Slope Protection             |           | Width:                                                                                                                     | -                        |      |
| Location:                                                                                                                                                               | NE, NW, SE & SW of Structure |           | Height:                                                                                                                    | -                        |      |
| Material:                                                                                                                                                               | Vegetation                   |           | Count:                                                                                                                     | -                        |      |
| Element Type:                                                                                                                                                           | Slope Protection             |           | Total Quantity:                                                                                                            | 4                        |      |
| Environment:                                                                                                                                                            | Moderate                     |           | Limited Inspection:                                                                                                        | <input type="checkbox"/> |      |
| Protection System                                                                                                                                                       | None                         |           |                                                                                                                            |                          |      |
| Condition Data:                                                                                                                                                         | Units                        | Excellent | Good                                                                                                                       | Fair                     | Poor |
|                                                                                                                                                                         | Each                         | -         | 4                                                                                                                          | -                        | -    |
| <b>Comments:</b><br>Light erosion noted at northwest and southeast embankments.                                                                                         |                              |           |                                                                                                                            |                          |      |
| Performance Deficiencies: 00                                                                                                                                            |                              |           | Maintenance Needs: 00                                                                                                      |                          |      |
| <b>Recommended Work:</b> <input type="checkbox"/> Rehab. <input type="checkbox"/> Replace<br><input type="checkbox"/> 1 – 5 Years <input type="checkbox"/> 6 – 10 Years |                              |           | <b>Maintenance Needs:</b> <input type="checkbox"/> Urgent <input type="checkbox"/> 1 Year <input type="checkbox"/> 2 Years |                          |      |

|                                                                                                                                                                         |                       |           |                                                                                                                            |                          |      |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|-----------|----------------------------------------------------------------------------------------------------------------------------|--------------------------|------|
| Element Group:                                                                                                                                                          | Embankments & Streams |           | Length:                                                                                                                    | -                        |      |
| Element Name:                                                                                                                                                           | Streams and Waterway  |           | Width:                                                                                                                     | -                        |      |
| Location:                                                                                                                                                               | Under Structure       |           | Height:                                                                                                                    | -                        |      |
| Material:                                                                                                                                                               | Native                |           | Count:                                                                                                                     | -                        |      |
| Element Type:                                                                                                                                                           | Stream                |           | Total Quantity:                                                                                                            | All                      |      |
| Environment:                                                                                                                                                            | Benign                |           | Limited Inspection:                                                                                                        | <input type="checkbox"/> |      |
| Protection System                                                                                                                                                       | None                  |           |                                                                                                                            |                          |      |
| Condition Data:                                                                                                                                                         | Units                 | Excellent | Good                                                                                                                       | Fair                     | Poor |
|                                                                                                                                                                         | All                   | -         | -                                                                                                                          | All                      | -    |
| <b>Comments:</b><br>Stagnant water in barrel at time of inspection with muddy channel and leaves / debris.                                                              |                       |           |                                                                                                                            |                          |      |
| Performance Deficiencies: 00                                                                                                                                            |                       |           | Maintenance Needs: 00                                                                                                      |                          |      |
| <b>Recommended Work:</b> <input type="checkbox"/> Rehab. <input type="checkbox"/> Replace<br><input type="checkbox"/> 1 – 5 Years <input type="checkbox"/> 6 – 10 Years |                       |           | <b>Maintenance Needs:</b> <input type="checkbox"/> Urgent <input type="checkbox"/> 1 Year <input type="checkbox"/> 2 Years |                          |      |

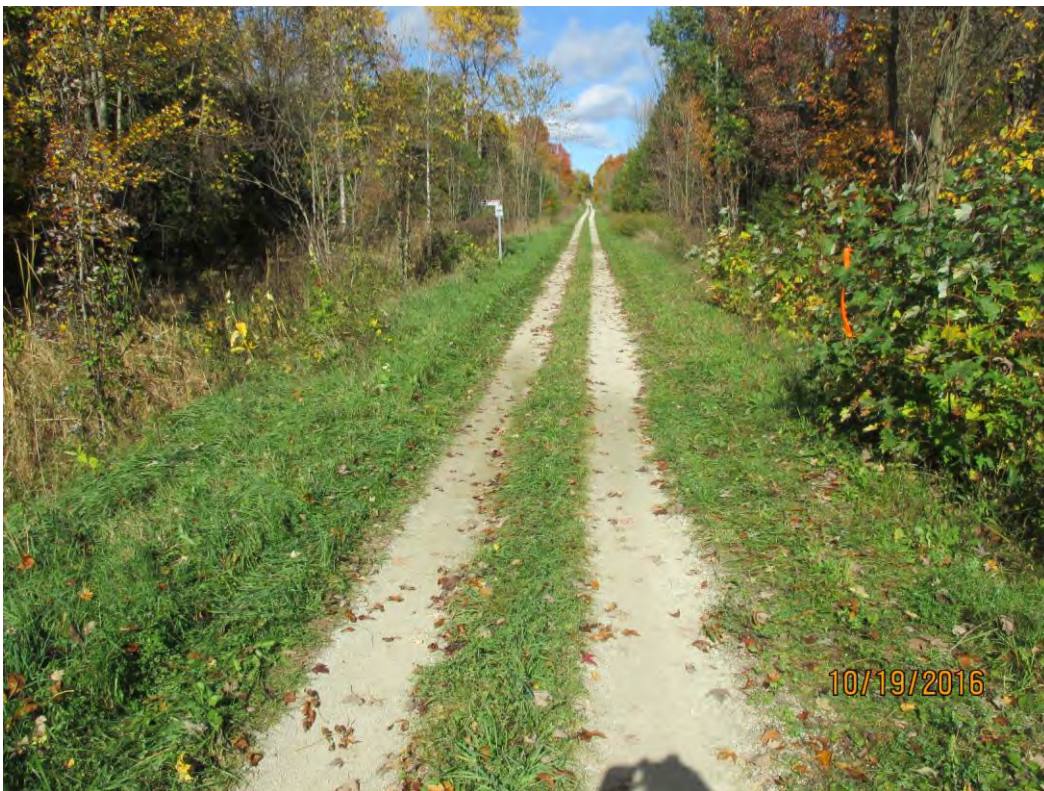
| REPAIR AND REHABILITATION REQUIRED |                                    | Priority     |             |          | Estimated Cost |
|------------------------------------|------------------------------------|--------------|-------------|----------|----------------|
| Element                            | Repair and Rehabilitation Required | 6 - 10 Years | 1 - 5 Years | < 1 Year |                |
| Culverts                           | Replace Barrels                    |              | X           |          | \$ 41,000.00   |
|                                    |                                    |              |             |          | \$ -           |
|                                    |                                    |              |             |          | \$ -           |
|                                    |                                    |              |             |          | \$ -           |
|                                    |                                    |              |             |          | \$ -           |
|                                    |                                    |              |             |          | \$ -           |
|                                    |                                    |              |             |          | \$ -           |
|                                    |                                    |              |             |          | \$ -           |
|                                    |                                    |              |             |          | \$ -           |
| Total Cost                         |                                    |              |             |          | \$ 41,000.00   |

| ASSOCIATED WORK     | Comments | Estimated Cost |
|---------------------|----------|----------------|
| Approaches          |          | \$ -           |
| Detours             |          | \$ -           |
| Traffic Control     |          | \$ -           |
| Utilities           |          | \$ -           |
| Right of Way        |          | \$ -           |
| Environmental Study |          | \$ -           |
| Other               |          | \$ -           |
| Contingencies       |          | \$ -           |
| Total Cost          |          | \$ -           |

| JUSTIFICATION |
|---------------|
| <div></div>   |



**Photo 1:** Structure from north approach



**Photo 2:** Structure from south approach



**Photo 3:** East elevation



**Photo 4:** West elevation



**Photo 5:** Medium to severe corrosion at barrel interior



**Photo 6:** Severe corrosion and perforations at west end of barrel

**1. Department / Function: Trails**

**Details of Project/Study: Replacement of Culvert 5A on CP Rail Trail**

**2. Total Gross Cost of Proposed Capital Project/Study: \$43,000**

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              | \$43,000              |           |                 |

Replacement of Culvert 5A on CP Rail Trail - 0.1km South of 8th Street East

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018 | 2019 | 2020 | 2021     | 2022 | Total           |
|--------------|------|------|------|----------|------|-----------------|
| <b>Gross</b> | \$0  | \$0  | \$0  | \$43,000 | \$0  | <b>\$43,000</b> |
| <b>Net</b>   | \$0  | \$0  | \$0  | \$0      | \$0  | <b>\$0</b>      |

**3. Estimated Useful Life: 50 years**

**4. Location of Project/Study (if applicable):**

| Facility Name / Address                                      | Municipality       |
|--------------------------------------------------------------|--------------------|
| Culvert 5A on CP Rail Trail - 0.1km South of 8th Street East | City of Owen Sound |

**5. Need or Benefit(s) of Project (including safety issues):**

The 2016 Bridge and Culvert Assessment Report recommends that Culvert 5A be replaced in 2021. The Bridge Condition Index for Culvert 5A is 57 which is considered to be in fair to poor condition. The estimated cost to replace Culvert 5A is \$43,000.

**6. Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:**

|              | 2017 | 2018 | 2019 | 2020 | 2021 | Total      |
|--------------|------|------|------|------|------|------------|
| <b>Gross</b> | \$0  | \$0  | \$0  | \$0  | \$0  | <b>\$0</b> |
| <b>Net</b>   | \$0  | \$0  | \$0  | \$0  | \$0  | <b>\$0</b> |

**7. Consequences/Implications of Not Undertaking Project (including alternatives):**

If this culvert is not replaced, trail user safety could be in jeopardy and this section of trail could be closed as a result. The trail is used by many groups and is a vital corridor to local snowmobile, ATV, equestrian and cycling clubs to provide links to other trails within the area.

**8. Identify Sources and Amounts of Funding**

|              | From Reserve - Trails Reserve |
|--------------|-------------------------------|
| 2018         | \$0                           |
| 2019         | \$0                           |
| 2020         | \$0                           |
| 2021         | \$43,000                      |
| 2022         | \$0                           |
| <b>Total</b> | <b>\$43,000</b>               |

**9. Compliance with Council objective/strategic plan (if applicable):**

The completion of this project will allow the CP Rail Trail to continue to be used by many user groups and provide a vital link to other trails in the area continuing to secure Grey County as Ontario's recreation jewel. The replacement also shows a commitment to the lifecycle planning for long-term investment in county-owned capital assets.

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

Over the next 5 years, funds will be moved to and from the trails reserve in order to have a consistent levy increase rather than a fluctuating one. Once the replacement is complete, there will be general maintenance required on the culvert that would be completed through ongoing operating budgets. As the legal owner of this structure, it is necessary to ensure its safety for the trail users as the County is responsible for the entire trail including the structures.

| STRUCTURE INFORMATION    |                                  |                                   |              |
|--------------------------|----------------------------------|-----------------------------------|--------------|
| Structure Name           | C05A                             | Structure Number                  | C05A         |
| Structure Type           | Corrugated Steel Pipe            | Year Built                        | -            |
| Road Name                | CP Rail Trail                    |                                   |              |
| Structure Location       | 0.10 km South of 8th Street East |                                   |              |
| Previous Inspection Date | -                                | 2011 Bridge Condition Index (BCI) | -            |
| Inspection Date          | October 19, 2016                 | 2016 Bridge Condition Index (BCI) | 57           |
| Next Inspection Date     | October 2018                     | Current Replacement Value         | \$ 43,000.00 |

| REHABILITATION HISTORY |  |
|------------------------|--|
|                        |  |

| ADDITIONAL INVESTIGATIONS        |          |              |
|----------------------------------|----------|--------------|
| Investigation                    | Priority | Cost         |
| Rehabilitation/Replacement Study | Normal   | \$ 15,000.00 |
|                                  |          |              |
|                                  |          |              |

| PERFORMANCE DEFICIENCIES |                 |                        |
|--------------------------|-----------------|------------------------|
| Element Group            | Element         | Performance Deficiency |
| Culverts                 | Barrels         | Load carrying capacity |
| Walls                    | Retaining Walls | Load carrying capacity |
|                          |                 |                        |

| MAINTENANCE NEEDS |         |                      |          |
|-------------------|---------|----------------------|----------|
| Element Group     | Element | Maintenance Required | Priority |
| -                 | -       | None                 | -        |
|                   |         |                      |          |
|                   |         |                      |          |

| REPAIR / REHABILITATION |         |                         |             |              |
|-------------------------|---------|-------------------------|-------------|--------------|
| Element Group           | Element | Repair / Rehabilitation | Priority    | Cost         |
| Culverts                | Barrels | Replace Barrel          | 1 - 5 Years | \$ 43,000.00 |
|                         |         |                         |             |              |
|                         |         |                         |             |              |

| OVERALL COMMENTS                                                              |
|-------------------------------------------------------------------------------|
| Structure is generally in fair to poor condition with crushing of the barrel. |
| Structure replacement is recommended in the next 1 to 5 years.                |

## INVENTORY DATA:

|                    |                                  |                                |                                                                                                                                                                                                                                     |
|--------------------|----------------------------------|--------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Structure Name     | C05A                             |                                |                                                                                                                                                                                                                                     |
| Main Hwy/Road #    | -                                | Under Structure:               | Navigable Water <input type="checkbox"/> Non- Navigable Water <input checked="" type="checkbox"/><br>Rail <input type="checkbox"/> Road <input type="checkbox"/> Pedestrian <input type="checkbox"/> Other <input type="checkbox"/> |
| Road Name:         | CP Rail Trail                    | On Structure:                  | Rail <input type="checkbox"/> Road <input type="checkbox"/> Pedestrian <input checked="" type="checkbox"/> Other <input type="checkbox"/>                                                                                           |
| Structure Location | 0.10 km South of 8th Street East |                                |                                                                                                                                                                                                                                     |
| Latitude           | 44.56774                         | Longitude                      | -80.90165                                                                                                                                                                                                                           |
| Owner(s)           | Grey County                      | Heritage Designation           | Not Cons. <input type="checkbox"/> Cons./Not App. <input type="checkbox"/> List/Not Desig. <input type="checkbox"/><br>Desig./not List <input type="checkbox"/> Desig. & List <input type="checkbox"/>                              |
| MTO Region         | -                                | Road Class:                    | Freeway <input type="checkbox"/> Arterial <input type="checkbox"/> Collector <input type="checkbox"/> Local <input checked="" type="checkbox"/>                                                                                     |
| MTO District       | -                                | Posted Speed                   | - No. of Lanes 1                                                                                                                                                                                                                    |
| Old County         | -                                | AADT                           | - % Trucks -                                                                                                                                                                                                                        |
| Geographic Twp.    | -                                | Special Routes                 | Transit <input type="checkbox"/> Truck <input type="checkbox"/> School <input type="checkbox"/> Bicycle <input type="checkbox"/>                                                                                                    |
| Structure Type     | Corrugated Steel Pipe            | Detour Length Around Structure | - (km)                                                                                                                                                                                                                              |
| Total Deck Length  | 0.70 (m)                         | Fill on Structure              | 1.00 (m)                                                                                                                                                                                                                            |
| Overall Str. Width | 11.60 (m)                        | Skew Angle                     | 0 (Degrees)                                                                                                                                                                                                                         |
| Total Deck Area    | 8.12 (m <sup>2</sup> )           | Direction of Structure         | East/West                                                                                                                                                                                                                           |
| Roadway Width      | 2.00 (m)                         | No. of Spans                   | 1                                                                                                                                                                                                                                   |
| Span Lengths       | 0.70 (m)                         |                                |                                                                                                                                                                                                                                     |

## HISTORICAL DATA

|                           |            |                               |   |
|---------------------------|------------|-------------------------------|---|
| Year Built                | -          | Last OSIM Inspection          | - |
| Year of Last Major Rehab. | -          | Last Enhanced OSIM Inspection | - |
| Current Load Limit        | - (tonnes) | Last Bridge Master Inspection | - |
| Load Limit By-Law #       | -          | Last Evaluation               | - |
| By-Law Expiry Date        | -          | Last Underwater Inspection    | - |
| Min. Vertical Clearance   | - (m)      | Last Condition Survey         | - |

## Rehabilitation History: (Date / Description)

**FIELD INSPECTION INFORMATION**

Date of Inspection: October 19, 2016 Type of Inspection: ☒ OSIM ☐ Enhanced OSIM  
 Inspector: Marek Stutz, P.Eng.  
 Others in Party: Mohamed El-Sarji, P.Eng.  
 Access Equipment Used: Measuring tape, digital camera, hammer and chest waders  
 Weather: Sunny  
 Temperature: 17°C

**ADDITIONAL INVESTIGATION REQUIRED**
**Priority**

None

Normal

Urgent

**Estimated Cost**

|                                                               |                   |   |  |                     |
|---------------------------------------------------------------|-------------------|---|--|---------------------|
| Rehabilitation/Replacement Study:                             |                   | X |  | \$ 15,000.00        |
| Material Condition Survey                                     |                   |   |  |                     |
| Detailed Deck Condition Survey:                               | X                 |   |  | \$ -                |
| Non-destructive Delamination Survey of Asphalt- Covered Deck: | X                 |   |  | \$ -                |
| Concrete Substructure Condition Survey:                       | X                 |   |  | \$ -                |
| Detailed Coating Condition Survey:                            | X                 |   |  | \$ -                |
| Detailed Timber Investigation:                                | X                 |   |  | \$ -                |
| Underwater Investigation:                                     | X                 |   |  | \$ -                |
| Fatigue Investigation:                                        | X                 |   |  | \$ -                |
| Seismic Investigation:                                        | X                 |   |  | \$ -                |
| Structure Evaluation:                                         | X                 |   |  | \$ -                |
| Monitoring                                                    |                   |   |  |                     |
| Monitoring of Deformations, Settlement and Movements:         | X                 |   |  | \$ -                |
| Monitoring Crack Widths:                                      | X                 |   |  | \$ -                |
| <b>Load Posting – Estimated Load Limit</b>                    | <b>Total Cost</b> |   |  | <b>\$ 15,000.00</b> |

**Investigation Notes:**
**OVERALL STRUCTURAL NOTES:**

Recommended Work on Structure: ☐ None ☐ Minor Rehab. ☐ Major Rehab. ☒ Replace

Timing of Recommended Work: ☒ 1 to 5 years ☐ 6 to 10 years

**Overall Comments:**

Structure is generally in fair to poor condition with crushing of the barrel. Structure replacement is recommended in the next 1 to 5 years.

Date of Next Inspection: October 2018

**Suspected Performance Deficiencies**

- |                                                    |                                          |                                          |
|----------------------------------------------------|------------------------------------------|------------------------------------------|
| 00 None                                            | 06 Bearing not uniformly loaded/unstable | 12 Slippery surfaces                     |
| 01 Load carrying capacity                          | 07 Jammed expansion joint                | 13 Flooding/channel blockage             |
| 02 Excessive deformations (deflections & rotation) | 08 Pedestrian/vehicular hazard           | 14 Undermining of foundation             |
| 03 Continuing settlement                           | 09 Rough riding surface                  | 15 Unstable embankments                  |
| 04 Continuing movements                            | 10 Surface ponding                       | 16 Other                                 |
| 05 Seized bearings                                 | 11 Deck drainage                         |                                          |
| <b>Maintenance Needs</b>                           |                                          |                                          |
| 01 Lift and swing bridge maintenance               | 07 Repair of structural steel            | 13 Erosion control at bridges            |
| 02 Bridge cleaning                                 | 08 Repair of bridge concrete             | 14 Concrete sealing                      |
| 03 Bridge handrail maintenance                     | 09 Repair of bridge timber               | 15 Rout and seal                         |
| 04 Painting steel bridge structures                | 10 Bailey bridges maintenance            | 16 Bridge deck drainage                  |
| 05 Bridge deck joint repair                        | 11 Animal/pest control                   | 17 Scaling (loose Concrete or ACR Steel) |
| 06 Bridge bearing maintenance                      | 12 Bridge surface repair                 | 18 Other                                 |

| ELEMENT DATA                                                                                                                                                               |                            |           |                                                                                                                            |                          |      |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|-----------|----------------------------------------------------------------------------------------------------------------------------|--------------------------|------|
| Element Group:                                                                                                                                                             | Approaches                 |           | Length:                                                                                                                    | 6.00 m                   |      |
| Element Name:                                                                                                                                                              | Wearing Surface            |           | Width:                                                                                                                     | 2.00 m                   |      |
| Location:                                                                                                                                                                  | North & South of Structure |           | Height:                                                                                                                    | -                        |      |
| Material:                                                                                                                                                                  | Gravel                     |           | Count:                                                                                                                     | 2                        |      |
| Element Type:                                                                                                                                                              | Gravel Wearing Surface     |           | Total Quantity:                                                                                                            | 24.00 m <sup>2</sup>     |      |
| Environment:                                                                                                                                                               | Severe                     |           | Limited Inspection:                                                                                                        | <input type="checkbox"/> |      |
| Protection System                                                                                                                                                          | None                       |           |                                                                                                                            |                          |      |
| Condition Data:                                                                                                                                                            | Units                      | Excellent | Good                                                                                                                       | Fair                     | Poor |
|                                                                                                                                                                            | m <sup>2</sup>             | -         | 16.00                                                                                                                      | 8.00                     | -    |
| <b>Comments:</b><br>Light to medium wheel track rutting and vegetation growth were noted at the approach wearing surface.                                                  |                            |           |                                                                                                                            |                          |      |
| Performance Deficiencies: 00                                                                                                                                               |                            |           | Maintenance Needs: 00                                                                                                      |                          |      |
| <b>Recommended Work:</b><br><input type="checkbox"/> Rehab. <input type="checkbox"/> Replace<br><input type="checkbox"/> 1 – 5 Years <input type="checkbox"/> 6 – 10 Years |                            |           | <b>Maintenance Needs:</b> <input type="checkbox"/> Urgent <input type="checkbox"/> 1 Year <input type="checkbox"/> 2 Years |                          |      |

|                                                                                                                                                                                                                                                         |                       |           |                                                                                                                            |                                     |      |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|-----------|----------------------------------------------------------------------------------------------------------------------------|-------------------------------------|------|
| Element Group:                                                                                                                                                                                                                                          | Culverts              |           | Length:                                                                                                                    | 11.60 m                             |      |
| Element Name:                                                                                                                                                                                                                                           | Barrels               |           | Width:                                                                                                                     | 0.70 m                              |      |
| Location:                                                                                                                                                                                                                                               | Below Roadway         |           | Height:                                                                                                                    | 0.70 m                              |      |
| Material:                                                                                                                                                                                                                                               | Steel                 |           | Count:                                                                                                                     | 1                                   |      |
| Element Type:                                                                                                                                                                                                                                           | Corrugated Steel Pipe |           | Total Quantity:                                                                                                            | 25.51 m <sup>2</sup>                |      |
| Environment:                                                                                                                                                                                                                                            | Benign                |           | Limited Inspection:                                                                                                        | <input checked="" type="checkbox"/> |      |
| Protection System                                                                                                                                                                                                                                       | None                  |           |                                                                                                                            |                                     |      |
| Condition Data:                                                                                                                                                                                                                                         | Units                 | Excellent | Good                                                                                                                       | Fair                                | Poor |
|                                                                                                                                                                                                                                                         | m <sup>2</sup>        | -         | 15.00                                                                                                                      | 8.00                                | 2.51 |
| <b>Comments:</b><br>- Crushing and partial collapse of barrel<br>- Severe corrosion and perforations at top of barrel end (pooling of water and corrosion due to crushing of culvert)<br>- Light corrosion noted at exterior of exposed barrel sections |                       |           |                                                                                                                            |                                     |      |
| Performance Deficiencies: 01                                                                                                                                                                                                                            |                       |           | Maintenance Needs: 00                                                                                                      |                                     |      |
| <b>Recommended Work:</b><br><input type="checkbox"/> Rehab. <input checked="" type="checkbox"/> Replace<br><input checked="" type="checkbox"/> 1 – 5 Years <input type="checkbox"/> 6 – 10 Years                                                        |                       |           | <b>Maintenance Needs:</b> <input type="checkbox"/> Urgent <input type="checkbox"/> 1 Year <input type="checkbox"/> 2 Years |                                     |      |

| ELEMENT DATA                                                                                                                                                                                                                                                          |                              |           |                                                                                                                            |                          |      |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|-----------|----------------------------------------------------------------------------------------------------------------------------|--------------------------|------|
| Element Group:                                                                                                                                                                                                                                                        | Walls                        |           | Length:                                                                                                                    | 1.00 m                   |      |
| Element Name:                                                                                                                                                                                                                                                         | Retaining Walls              |           | Width:                                                                                                                     | -                        |      |
| Location:                                                                                                                                                                                                                                                             | NE, NW, SE & SW of Structure |           | Height:                                                                                                                    | 1.00 m                   |      |
| Material:                                                                                                                                                                                                                                                             | Stone                        |           | Count:                                                                                                                     | 4                        |      |
| Element Type:                                                                                                                                                                                                                                                         | Dry Stack Stone Masonry Wall |           | Total Quantity:                                                                                                            | 4.00 m <sup>2</sup>      |      |
| Environment:                                                                                                                                                                                                                                                          | Benign                       |           | Limited Inspection:                                                                                                        | <input type="checkbox"/> |      |
| Protection System                                                                                                                                                                                                                                                     | None                         |           |                                                                                                                            |                          |      |
| Condition Data:                                                                                                                                                                                                                                                       | Units                        | Excellent | Good                                                                                                                       | Fair                     | Poor |
|                                                                                                                                                                                                                                                                       | m <sup>2</sup>               | -         | 2.00                                                                                                                       | 2.00                     | -    |
| <b>Comments:</b><br>- Wall sections are generally in good to fair condition with slight shifting of stone masonry<br>- Walls at west end exhibit signs of settlement and instability with stone units falling out or severely misaligned with the rest of the masonry |                              |           |                                                                                                                            |                          |      |
| Performance Deficiencies: 01                                                                                                                                                                                                                                          |                              |           | Maintenance Needs: 00                                                                                                      |                          |      |
| <b>Recommended Work:</b><br><input type="checkbox"/> Rehab. <input checked="" type="checkbox"/> Replace<br><input checked="" type="checkbox"/> 1 – 5 Years <input type="checkbox"/> 6 – 10 Years                                                                      |                              |           | <b>Maintenance Needs:</b> <input type="checkbox"/> Urgent <input type="checkbox"/> 1 Year <input type="checkbox"/> 2 Years |                          |      |

|                                                                                                                                                                            |                                 |           |                                                                                                                            |                                     |      |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|-----------|----------------------------------------------------------------------------------------------------------------------------|-------------------------------------|------|
| Element Group:                                                                                                                                                             | Foundations                     |           | Length:                                                                                                                    | -                                   |      |
| Element Name:                                                                                                                                                              | Foundation (Below Ground Level) |           | Width:                                                                                                                     | -                                   |      |
| Location:                                                                                                                                                                  | Below Barrel                    |           | Height:                                                                                                                    | -                                   |      |
| Material:                                                                                                                                                                  | Unknown                         |           | Count:                                                                                                                     | -                                   |      |
| Element Type:                                                                                                                                                              | Unknown                         |           | Total Quantity:                                                                                                            | -                                   |      |
| Environment:                                                                                                                                                               | Benign                          |           | Limited Inspection:                                                                                                        | <input checked="" type="checkbox"/> |      |
| Protection System                                                                                                                                                          | Unknown                         |           |                                                                                                                            |                                     |      |
| Condition Data:                                                                                                                                                            | Units                           | Excellent | Good                                                                                                                       | Fair                                | Poor |
|                                                                                                                                                                            | N/A                             | -         | -                                                                                                                          | -                                   | -    |
| <b>Comments:</b><br>No visible evidence of foundation instability was noted at time of inspection.                                                                         |                                 |           |                                                                                                                            |                                     |      |
| Performance Deficiencies: 00                                                                                                                                               |                                 |           | Maintenance Needs: 00                                                                                                      |                                     |      |
| <b>Recommended Work:</b><br><input type="checkbox"/> Rehab. <input type="checkbox"/> Replace<br><input type="checkbox"/> 1 – 5 Years <input type="checkbox"/> 6 – 10 Years |                                 |           | <b>Maintenance Needs:</b> <input type="checkbox"/> Urgent <input type="checkbox"/> 1 Year <input type="checkbox"/> 2 Years |                                     |      |

| ELEMENT DATA                                                                                                                                                            |                              |           |                                                                                                                            |                          |      |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|-----------|----------------------------------------------------------------------------------------------------------------------------|--------------------------|------|
| Element Group:                                                                                                                                                          | Embankments & Streams        |           | Length:                                                                                                                    | -                        |      |
| Element Name:                                                                                                                                                           | Embankments                  |           | Width:                                                                                                                     | -                        |      |
| Location:                                                                                                                                                               | NE, NW, SE & SW of Structure |           | Height:                                                                                                                    | -                        |      |
| Material:                                                                                                                                                               | Native Soil                  |           | Count:                                                                                                                     | -                        |      |
| Element Type:                                                                                                                                                           | Embankment                   |           | Total Quantity:                                                                                                            | 4                        |      |
| Environment:                                                                                                                                                            | Moderate                     |           | Limited Inspection:                                                                                                        | <input type="checkbox"/> |      |
| Protection System                                                                                                                                                       | Vegetation                   |           |                                                                                                                            |                          |      |
| Condition Data:                                                                                                                                                         | Units                        | Excellent | Good                                                                                                                       | Fair                     | Poor |
|                                                                                                                                                                         | Each                         | -         | 4                                                                                                                          | -                        | -    |
| <b>Comments:</b><br>Embankments are moderately sloped and well vegetated.                                                                                               |                              |           |                                                                                                                            |                          |      |
| Performance Deficiencies: 00                                                                                                                                            |                              |           | Maintenance Needs: 00                                                                                                      |                          |      |
| <b>Recommended Work:</b> <input type="checkbox"/> Rehab. <input type="checkbox"/> Replace<br><input type="checkbox"/> 1 – 5 Years <input type="checkbox"/> 6 – 10 Years |                              |           | <b>Maintenance Needs:</b> <input type="checkbox"/> Urgent <input type="checkbox"/> 1 Year <input type="checkbox"/> 2 Years |                          |      |

|                                                                                                                                                                         |                              |           |                                                                                                                            |                          |      |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|-----------|----------------------------------------------------------------------------------------------------------------------------|--------------------------|------|
| Element Group:                                                                                                                                                          | Embankments & Streams        |           | Length:                                                                                                                    | -                        |      |
| Element Name:                                                                                                                                                           | Slope Protection             |           | Width:                                                                                                                     | -                        |      |
| Location:                                                                                                                                                               | NE, NW, SE & SW of Structure |           | Height:                                                                                                                    | -                        |      |
| Material:                                                                                                                                                               | Vegetation                   |           | Count:                                                                                                                     | -                        |      |
| Element Type:                                                                                                                                                           | Slope Protection             |           | Total Quantity:                                                                                                            | 4                        |      |
| Environment:                                                                                                                                                            | Moderate                     |           | Limited Inspection:                                                                                                        | <input type="checkbox"/> |      |
| Protection System                                                                                                                                                       | None                         |           |                                                                                                                            |                          |      |
| Condition Data:                                                                                                                                                         | Units                        | Excellent | Good                                                                                                                       | Fair                     | Poor |
|                                                                                                                                                                         | Each                         | -         | 4                                                                                                                          | -                        | -    |
| <b>Comments:</b><br>Generally in good condition.                                                                                                                        |                              |           |                                                                                                                            |                          |      |
| Performance Deficiencies: 00                                                                                                                                            |                              |           | Maintenance Needs: 00                                                                                                      |                          |      |
| <b>Recommended Work:</b> <input type="checkbox"/> Rehab. <input type="checkbox"/> Replace<br><input type="checkbox"/> 1 – 5 Years <input type="checkbox"/> 6 – 10 Years |                              |           | <b>Maintenance Needs:</b> <input type="checkbox"/> Urgent <input type="checkbox"/> 1 Year <input type="checkbox"/> 2 Years |                          |      |

| ELEMENT DATA                                                                                                                                                               |                       |           |                                                                                                                            |                          |      |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|-----------|----------------------------------------------------------------------------------------------------------------------------|--------------------------|------|
| Element Group:                                                                                                                                                             | Embankments & Streams |           | Length:                                                                                                                    | -                        |      |
| Element Name:                                                                                                                                                              | Streams and Waterway  |           | Width:                                                                                                                     | -                        |      |
| Location:                                                                                                                                                                  | Under Structure       |           | Height:                                                                                                                    | -                        |      |
| Material:                                                                                                                                                                  | Native                |           | Count:                                                                                                                     | -                        |      |
| Element Type:                                                                                                                                                              | Stream                |           | Total Quantity:                                                                                                            | All                      |      |
| Environment:                                                                                                                                                               | Benign                |           | Limited Inspection:                                                                                                        | <input type="checkbox"/> |      |
| Protection System                                                                                                                                                          | None                  |           |                                                                                                                            |                          |      |
| Condition Data:                                                                                                                                                            | Units                 | Excellent | Good                                                                                                                       | Fair                     | Poor |
|                                                                                                                                                                            | All                   | -         | All                                                                                                                        | -                        | -    |
| <b>Comments:</b><br>No flow in barrel at the time of inspection with rocks in barrel and vegetation at east end of barrel.                                                 |                       |           |                                                                                                                            |                          |      |
| Performance Deficiencies: 00                                                                                                                                               |                       |           | Maintenance Needs: 00                                                                                                      |                          |      |
| <b>Recommended Work:</b><br><input type="checkbox"/> Rehab. <input type="checkbox"/> Replace<br><input type="checkbox"/> 1 – 5 Years <input type="checkbox"/> 6 – 10 Years |                       |           | <b>Maintenance Needs:</b> <input type="checkbox"/> Urgent <input type="checkbox"/> 1 Year <input type="checkbox"/> 2 Years |                          |      |

| REPAIR AND REHABILITATION REQUIRED |                                    | Priority     |             |          | Estimated Cost |
|------------------------------------|------------------------------------|--------------|-------------|----------|----------------|
| Element                            | Repair and Rehabilitation Required | 6 - 10 Years | 1 - 5 Years | < 1 Year |                |
| Culvert                            | Replace Barrel                     |              | X           |          | \$ 43,000.00   |
|                                    |                                    |              |             |          | \$ -           |
|                                    |                                    |              |             |          | \$ -           |
|                                    |                                    |              |             |          | \$ -           |
|                                    |                                    |              |             |          | \$ -           |
|                                    |                                    |              |             |          | \$ -           |
|                                    |                                    |              |             |          | \$ -           |
|                                    |                                    |              |             |          | \$ -           |
|                                    |                                    |              |             |          | \$ -           |
| Total Cost                         |                                    |              |             |          | \$ 43,000.00   |

| ASSOCIATED WORK     | Comments | Estimated Cost |
|---------------------|----------|----------------|
| Approaches          |          | \$ -           |
| Detours             |          | \$ -           |
| Traffic Control     |          | \$ -           |
| Utilities           |          | \$ -           |
| Right of Way        |          | \$ -           |
| Environmental Study |          | \$ -           |
| Other               |          | \$ -           |
| Contingencies       |          | \$ -           |
| Total Cost          |          | \$ -           |

| JUSTIFICATION |
|---------------|
| <div></div>   |



**Photo 1:** Structure from north approach



**Photo 2:** Structure from south approach



Photo 3: East elevation



Photo 4: West elevation



**Photo 5:** Crushing of barrel



**Photo 6:** Perforations at top of barrel



**Photo 7:** Light corrosion on exposed barrel exterior



**Photo 8:** Signs of instability at west retaining wall

**1. Department / Function: Trails**

**Details of Project/Study: Culvert/Bridge Assessment Update**

**2. Total Gross Cost of Proposed Capital Project/Study: \$40,000**

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              | \$40,000              |           |                 |

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018 | 2019 | 2020 | 2021     | 2022 | Total           |
|--------------|------|------|------|----------|------|-----------------|
| <b>Gross</b> | \$0  | \$0  | \$0  | \$45,000 | \$0  | <b>\$45,000</b> |
| <b>Net</b>   | \$0  | \$0  | \$0  | \$0      | \$0  | <b>\$0</b>      |

**3. Estimated Useful Life: Updated every 5 years**

**4. Location of Project/Study (if applicable):**

| Facility Name / Address | Municipality |
|-------------------------|--------------|
|-------------------------|--------------|

**5. Need or Benefit(s) of Project (including safety issues):**

An assessment of the bridges and culverts on the CP Rail Trail was conducted in 2016. It is important to update the assessment to capture the current condition of the structures, to update the construction/rehabilitation costs for the structure, and to prioritize the projects based on the condition. This information will assist with the preparation of the capital budgets and overall lifecycle planning.

**6. Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:**

|              | 2017 | 2018 | 2019 | 2020 | 2021     | Total           |
|--------------|------|------|------|------|----------|-----------------|
| <b>Gross</b> | \$0  | \$0  | \$0  | \$0  | \$45,000 | <b>\$45,000</b> |
| <b>Net</b>   | \$0  | \$0  | \$0  | \$0  | \$0      | <b>\$0</b>      |

**7. Consequences/Implications of Not Undertaking Project (including alternatives):**

By not updating the culvert/bridge assessment, the cost estimates for the projects may not be accurate which can lead to budgeting issues. Updating the assessment will also ensure that the County is allocating resources for the highest priority projects based on updated condition assessments.

**8. Identify Sources and Amounts of Funding**

|              | From Reserve -<br>Trails Reserve |
|--------------|----------------------------------|
| 2018         | \$0                              |
| 2019         | \$0                              |
| 2020         | \$0                              |
| 2021         | \$45,000                         |
| 2022         | \$0                              |
| <b>Total</b> | <b>\$45,000</b>                  |

**9. Compliance with Council objective/strategic plan (if applicable):**

By updating the assessment of culverts/bridges on the CP Rail Trail, there is a commitment to lifecycle planning for long-term investment in county-owned capital assets (Action Item 1.6 of the Corporate Strategic Plan).

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

An updated assessment of bridges and culverts will provide updated costs estimates for future projects and also prioritize the projects that have the greatest need. The Culvert/Bridge Assessment for the CP Rail Trail was updated in 2016. It is recommended that this be updated every five years and therefore the next update would occur in 2021. The proposal would be to fund this from the Trails Reserve.



**1. Department / Function: Economic Development**

**Details of Project/Study: Skills Training, Trades & Innovation Initiative**

**2. Total Gross Cost of Proposed Capital Project/Study: \$100,000**

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              |                       | \$100,000 |                 |

Grey County will invest \$100,000 of its economic development reserves in the Skills Training, Trades & Innovation Initiative to enhance initiative potential with partners such as Georgian College, Bruce Power and regional business and community leaders. The dollars will provide seed funding to purchase equipment/retrofit existing space that will help to build out the regional vision of building the local workforce.

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018      | 2019 | 2020 | 2021 | 2022 | Total            |
|--------------|-----------|------|------|------|------|------------------|
| <b>Gross</b> | \$100,000 | \$0  | \$0  | \$0  | \$0  | <b>\$100,000</b> |
| <b>Net</b>   | \$0       | \$0  | \$0  | \$0  | \$0  | <b>\$0</b>       |

**3. Estimated Useful Life: 40 years (Life of Bruce Power MCR at the very least)**

**4. Location of Project/Study (if applicable):**

| Facility Name / Address | Municipality       |
|-------------------------|--------------------|
| Georgian College        | City of Owen Sound |

**5. Need or Benefit(s) of Project (including safety issues):**

The local supply of skilled labour is the number one issue facing our business community. We often hear that businesses cannot find qualified employees, which is a common theme across the province. With Bruce Power beginning its Major Component Replacement, spanning the several decades, the labour pool issue is set to become even more critical across Bruce, Grey and Huron. The changing workforce demographics, increased need for technical training and low unemployment rate means competition amongst our employers for labour is rising while the available skilled labour pool remains low. At the same time, Georgian College, Owen Sound Campus is growing beyond its available space. An opportunity exists to support both the College and our regional businesses by aligning programs and training opportunities with local need.

**6. Scheduling and Cost of Project/Study in 2017-2021 Capital Plan: Skills Training, Trades & Innovation Initiative**

|              | 2017 | 2018 | 2019 | 2020 | 2021 | Total      |
|--------------|------|------|------|------|------|------------|
| <b>Gross</b> | \$0  | \$0  | \$0  | \$0  | \$0  | <b>\$0</b> |
| <b>Net</b>   | \$0  | \$0  | \$0  | \$0  | \$0  | <b>\$0</b> |

**7. Consequences/Implications of Not Undertaking Project (including alternatives):**

Without this project we will fail to provide the supports necessary to attract, retain and expand businesses, especially in our top sectors such as manufacturing and construction. With a limited workforce and/or skills mismatch, it will become increasingly difficult for employers to secure qualified workers and therefore limit their potential for success, which will prevent us from achieving Council's number one goal to "Grow the Grey County Economy". For three years in a row, 68% of our Grey County businesses have rated the availability of qualified workers in our region as poor (EmployerOne, 2015, 2016, 2017). A regional skills

training, trades and innovation innovative demonstrates to our employers that leadership is listening and taking action where it is needed most.

**8. Identify Sources and Amounts of Funding**

|              | <b>From Reserve -<br/>Ec Dev Reserve</b> |
|--------------|------------------------------------------|
| 2018         | \$100,000                                |
| 2019         | \$0                                      |
| 2020         | \$0                                      |
| 2021         | \$0                                      |
| 2022         | \$0                                      |
| <b>Total</b> | <b>\$100,000</b>                         |

**9. Compliance with Council objective/strategic plan (if applicable):**

This initiative responds to Goal #1: Grow the Grey County Economy. More specifically, it answers to the strategic initiative, "develop a strategy for working with community partner organizations, local municipalities, post-secondary institutions and businesses for youth retention, education and labour force development.

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

Economic development staff are committed to working in partnership with leadership from Georgian College and Bruce Power, in addition to regional business leaders and community partners in an effort to enhance local training opportunities that speak to the needs of our region.

**1. Department / Function: Economic Development**

**Details of Project/Study: Municipal Partnership Fund**

**2. Total Gross Cost of Proposed Capital Project/Study: \$45,000**

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              |                       |           | \$45,000        |

\$5000 initiative funding provided to Grey County's nine member municipalities (9 x \$5000).

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018     | 2019     | 2020     | 2021     | 2022     | Total            |
|--------------|----------|----------|----------|----------|----------|------------------|
| <b>Gross</b> | \$22,500 | \$67,500 | \$22,500 | \$67,500 | \$22,500 | <b>\$202,500</b> |
| <b>Net</b>   | \$22,500 | \$22,500 | \$22,500 | \$22,500 | \$22,500 | <b>\$112,500</b> |

**3. Estimated Useful Life: Minimum five years.**

**4. Location of Project/Study (if applicable):**

| Facility Name / Address | Municipality |
|-------------------------|--------------|
|-------------------------|--------------|

**5. Need or Benefit(s) of Project (including safety issues):**

Grey County is currently collaborating with municipal partners to become investment ready. Though there has been success through regional job fairs, training and marketing efforts for example, many economic development initiatives are still required to create a balanced foundation for future efforts. This project provides the support necessary to take the first step.

To address this opportunity, Grey County Economic Development Staff recommended the creation of a Municipal Partnership Fund as a new pilot project in 2017. Municipal projects, which provide local impact aligned to the broader County 'Open for Business' vision were eligible to receive up to \$5,000. This fund is intended to demonstrate the County's commitment to collaborating with member municipalities in an effort to implement regionally inspired economic development initiatives at the local level.

**6. Scheduling and Cost of Project/Study in 2017-2021 Capital Plan: Municipal Partnership Fund**

|              | 2017 | 2018 | 2019 | 2020 | 2021 | Total      |
|--------------|------|------|------|------|------|------------|
| <b>Gross</b> | \$0  | \$0  | \$0  | \$0  | \$0  | <b>\$0</b> |
| <b>Net</b>   | \$0  | \$0  | \$0  | \$0  | \$0  | <b>\$0</b> |

**7. Consequences/Implications of Not Undertaking Project (including alternatives):**

The fund promotes regional action through collaboration and championing. Projects are identified and operationalized at the local level where funds can be used to support the creation of new projects, enhance the delivery of current projects or be used to leverage additional project dollars.

The ability for Grey County to become investment ready happens first and foremost at the local level. If Grey County hopes to achieve Investment-Ready status and realize its economic development vision of being 'Open for Business' while ensuring Council's goal of 'Growing the Grey County Economy' is met, the partnership fund is needed to boost momentum across the region. This program demonstrates the County's commitment to enhancing the regional ecosystem from the ground up, which is where investment happens.

**8. Identify Sources and Amounts of Funding**

|              | <b>To Reserve - Ec<br/>Dev Reserve</b> | <b>From Reserve -<br/>Ec Dev Reserve</b> |
|--------------|----------------------------------------|------------------------------------------|
| 2018         | \$22,500                               | \$0                                      |
| 2019         | \$22,500                               | \$45,000                                 |
| 2020         | \$22,500                               | \$0                                      |
| 2021         | \$22,500                               | \$45,000                                 |
| 2022         | \$22,500                               | \$0                                      |
| <b>Total</b> | <b>\$112,500</b>                       | <b>\$90,000</b>                          |

**9. Compliance with Council objective/strategic plan (if applicable):**

This fund enhances Goal #1: Grow the Grey County Economy. Specifically, priority outcome c) partnerships with key stakeholders to provide coordinated support for economic development and tourism initiatives; strategic initiative: closer alignment and collaboration with local and regional economic development initiative among neighbouring Counties, local municipalities, Chambers of Commerce and business.

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

Staff are recommending that based on pilot-project review in 2017, the fund being implemented every other year. This will allow the County to support local action in support of regional investment-readiness in a timely and feasible manner.

## Report CAOR-ED-02-17

**To:** Economic Development Advisory Committee  
**From:** Savanna Myers, Manager of Economic Development  
**Meeting Date:** January 24, 2017  
**Subject:** **Proposed Municipal Partnership Fund**  
**Status:** Endorsed by the Economic Development Advisory Committee;  
Endorsed by Committee of the Whole February 9, 2017 per  
Resolution CW31-17; Endorsed by County Council February 23, 2017  
per Resolution CC09-17;

## Recommendation

1. That Report CAOR-ED-02-17 regarding a proposed municipal partnership fund be received and that the County of Grey support the Municipal Partnership Fund program in the amount of \$45,000 to come from the Economic Development Reserve.

## Background

The vision for Grey County's economic development activities in the 2015 'Made in Grey' Economic Development Strategy is that Grey County is 'Open for Business'. As a direct result of open and transparent communication, real collaboration and true partnerships, Grey County, together with municipal and community partners, will work together to create a positive environment where businesses and investors have the information, the resources and the support needed to succeed.

Grey County is currently collaborating with municipal partners to improve our investment readiness as measured by the [investment readiness toolkit](#) presented to the Economic Development Advisory Committee in September 2016. Though there has been success through regional job fairs, training and marketing efforts for example, many economic development initiatives are still required to create a balanced foundation for future efforts. Furthermore, we recognize that each of our member municipalities has their own strengths, weaknesses and opportunities for improvement.

Grey County Economic Development Staff are recommending the creation of a Municipal Partnership Fund as a new pilot project. The proposed municipal partnership fund project is geared to providing support for our member municipalities to undertake

projects that will meet their specific requirements for improvements in their investment readiness.

Municipal projects which provide local impact aligned to the broader county 'Open for Business' vision would be eligible to receive up to \$5,000. This fund is intended to demonstrate the County's commitment to collaborating with member municipalities in an effort to implement regionally inspired economic development initiatives at the local level.

As each municipality improves their investment readiness, there is a benefit to the region as a whole. Projects would be identified and operationalized at the local level. Funds can be used to support the creation of new projects, enhance the delivery of current projects or be used to leverage additional project dollars. Projects are not meant to 'make-work' for municipal staff. Instead, the funds are there to show County support for economic development actions that add value at the local level and to move projects forward more quickly than might be possible without additional support. Grey County Economic Development Staff are happy to discuss options with municipal partners and identify collaborative ways to realize implementation where local staff resources may not be readily available.

Precedent exists for a funding program of this nature. The neighbouring counties of Bruce, Simcoe and Wellington have each offered similar programs for their lower tier municipalities. Results are showing greater regional alignment, demonstrating an enhanced ability to deliver strategic economic development at both the local and county level. A table outlining the comparable programs is attached to this report.

## Financial/Staffing/Legal/Information Technology Considerations

The Economic Development 2016 surplus has been projected to total \$75,000. \$45,000 of the surplus will be used to support the development of this pilot program, allowing up to \$5000 per municipality in 2017.

Project measurement will track outcomes, and with success, the fund could move from a pilot to a formal program for the duration of the economic development plan (2020). The maximum funding amount will be reviewed along with program success prior to any continuation and/or enhancement recommendation to Council during 2018 budget deliberations.

Staff will review applications and make recommendations for approval to the Economic Development Advisory Committee.

## Link to Strategic Goals/Priorities

Goal 1 – Grow the Grey County Economy: Enhance and diversify economic opportunities by becoming investment ready and promoting Grey County's exceptional assets.

Specifically, this pilot program aligns with priority outcome number three, partnerships with key stakeholders to provide coordinated support for economic development and tourism.

## Attachments

Municipal Partnership Fund Guide, Application Form and Final Report Template.

Comparable County Programs

Respectfully submitted by,

Savanna Myers

Manager of Economic Development

Kim Wingrove, CAO

## Municipal Partnership Fund

### Introduction

The 2015 'Made in Grey' Economic Development Strategy presents a vision that Grey County is 'Open for Business'. This vision will be achieved as a direct result of open and transparent communication, real collaboration and true partnerships, Grey County, together with municipal and community partners, will be fully engaged and working together to continually create a positive environment where businesses and investors have the information, the resources and the support needed to succeed.

The Municipal Partnership Fund allows Grey County Economic Development to facilitate and support municipal projects, which provide local impact aligned to the broader County 'Open for Business' vision. Each of our nine member municipalities will have the opportunity to access up to \$5,000 to in support of economic development implementation. This fund is intended to demonstrate the County's commitment to collaborating with member municipalities in an effort to implement regionally inspired economic development initiatives at the local level.

### Eligibility

Funding is available to member municipalities of Grey County.

Project money must be used to build upon the vision established in the Grey County economic development strategy at the local level, aligning with at least one of the seven themes:

- Becoming investment ready
- Creating a business-friendly environment
- Ensuring key infrastructure is in place
- Developing Grey's workforce
- Better communicating and marketing Grey's greatness
- Tourism
- Agriculture, farms and local food

For a full description of each theme, please review the [Made In Grey](#) Economic Development Strategy.

## Guidelines

- Municipalities may submit single or multiple requests up to a total of \$5000.
- All partnership funds will be assessed for both local impact and alignment to *Made in Grey*.
- Funds can be used towards capital or operations or a new project or new addition to an ongoing project.
- Funds cannot be retroactively applied, or used towards something already ongoing.
- Funds are not required to be matched by the municipality, though projects are encouraged to use these programs to leverage additional resources (financial, inkind, human resources, etc).
- Taxes are the full responsibility of the applicant and cannot be included as part of the total amount requested.
- Funds must be used before the fiscal year end and cannot be rolled over for use beyond December 31.
- Applications will be reviewed by County Economic Development staff and final approval will be granted by the Economic Development Advisory Committee.
- The Grey County logo will be included on funded initiatives to co-brand and visually align the municipality and county.
- Funds will be distributed to successful applicants upon completion of the project and submission of paid invoice(s).

## Process

Funding applications will be distributed to the economic development contact in each municipality. Dollars are meant to promote 'boots on the ground' action aligned to the broader county vision. The county will not dictate projects; rather support projects that have been identified as valuable at the local level.

The fund promotes regional action through collaboration and championing. Projects would be identified and operationalized at the local level. Funds can be used to support the creation of new projects, enhance the delivery of current projects or be used to leverage additional project dollars. Projects are not meant to 'make-work' for municipal staff. Instead, the funds are there to show County support for economic development actions that add value at the local level. Grey County Economic Development Staff are happy to discuss options with municipal partners and identify collaborative ways to realize implementation where local staff resources may not be readily available.

Applications can be submitted at any time to County staff and will be reviewed for approval by the Economic Development Advisory Committee in February, June and September. All funds must be used prior to year-end, December 31.

Once a project has been accepted, an approval letter will be attached to the original application and forwarded to the municipal contact.

Successful applicants will be required to submit a final report, documenting project accomplishments within 30 days of completion.

The County will publish success stories following completion of the projects to promote the economic development work accomplished.

# Municipal Partnership Fund

## Application

Please complete one application form per project. Multiple projects are welcome, though the combined funding remains the \$5000 maximum.

|                                                                                                                                      |  |  |
|--------------------------------------------------------------------------------------------------------------------------------------|--|--|
| Municipality                                                                                                                         |  |  |
| Contact Name & Position                                                                                                              |  |  |
| Contact Phone & Email                                                                                                                |  |  |
|                                                                                                                                      |  |  |
| Project Title                                                                                                                        |  |  |
| Project Lead                                                                                                                         |  |  |
| Project Partners                                                                                                                     |  |  |
| Project Start Date                                                                                                                   |  |  |
| Project Completion Date                                                                                                              |  |  |
| Amount Requested                                                                                                                     |  |  |
| Percentage of total project/operations budget requested                                                                              |  |  |
|                                                                                                                                      |  |  |
| Please describe how your project enhances your local economy both in the short and long term. (Attach additional page if necessary). |  |  |
|                                                                                                                                      |  |  |



# Municipal Partnership Fund

## Final Report

All projects must be completed by December 31. Please complete this final report within 30 days of project completion and submit to [ecdev@grey.ca](mailto:ecdev@grey.ca).

|                                                                                                                               |  |  |
|-------------------------------------------------------------------------------------------------------------------------------|--|--|
| Municipality                                                                                                                  |  |  |
| Contact Name & Position                                                                                                       |  |  |
| Contact Phone & Email                                                                                                         |  |  |
|                                                                                                                               |  |  |
| Project Title                                                                                                                 |  |  |
| Project Lead                                                                                                                  |  |  |
| Project Partners                                                                                                              |  |  |
| Project Start Date                                                                                                            |  |  |
| Project Completion Date                                                                                                       |  |  |
| Amount Requested                                                                                                              |  |  |
| Percentage of total project/operations budget requested                                                                       |  |  |
|                                                                                                                               |  |  |
| Please describe the outcomes of your project, including the local and regional impact. (Attach additional page if necessary). |  |  |
|                                                                                                                               |  |  |

|                                                                                                               |  |
|---------------------------------------------------------------------------------------------------------------|--|
| Municipality                                                                                                  |  |
| Did your project proceed as planned and meet or exceed intended objectives? Please describe.                  |  |
|                                                                                                               |  |
| How were the funds utilized? Please outline the final budget showing all income and expenses for the project. |  |
|                                                                                                               |  |

Please attach:

- A copy of any materials created/documented as part of this project (marketing materials, photos, strategies, testimonials, etc).



# Economic Development

## Appendix A

### Comparable County Programs

| County     | Fund                                      | Description                                                                                                                                                            | Funding                                                             |
|------------|-------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------|
| Bruce      | Façade Improvement & Sidewalk Patio Grant | Matching grant funds up to 50% of eligible project expenses.<br><br>Focus – beautification, wayfinding, marketing.                                                     | \$3000 + \$1000 projects over \$10k                                 |
|            | Streetscape Beautification                |                                                                                                                                                                        | \$10,000                                                            |
|            | Perpendicular Signage & Awning            |                                                                                                                                                                        | \$1000                                                              |
|            | Co-Operative Marketing                    |                                                                                                                                                                        | \$2500                                                              |
|            | Destination Infrastructure                |                                                                                                                                                                        | \$2500                                                              |
|            | Gateway & Public Signage                  |                                                                                                                                                                        | \$5000                                                              |
| Simcoe     | Economic Development Fund                 | One time fund. No matching funds required.<br><br>Focus – plans, strategies, physical infrastructure, festivals and events investment, creation of EDO positions       | \$100,000 (2013/2014)                                               |
|            | Economic Development Fund                 | Transition fund. Funding provided on a declining scale as municipal funds increase according to the same scale.<br><br>Focus – municipally-driven economic development | \$50,000 (2016)<br>\$25,000 (2017)<br>\$12,500 (2018)<br>\$0 (2019) |
| Wellington | BR+E Municipal Implementation Fund        | No matching funds are required. Multiple projects are possible, to a maximum \$25k.                                                                                    | \$25,000 (2015)                                                     |

| County        | Fund                       | Description                                                                                                                                                                                                                                                         | Funding                                                                                                                                                                                                                                      |
|---------------|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|               |                            | Focus – downtown revitalization, business incubation, workforce training/business support, regional marketing, newcomer attraction, youth engagement, employment attraction, investment attraction, strategic planning.                                             |                                                                                                                                                                                                                                              |
| Proposed Grey | Municipal Partnership Fund | <p>No matching funds are required. Multiple projects possible, to a maximum \$5,000.</p> <p>Focus – municipally-driven economic development. Quick wins, leveraged investment to implement regionally inspired economic development actions at the local level.</p> | <p>\$5,000 (2017)<br/>X 9 municipalities<br/><b>\$45k</b></p> <p>\$5-\$10k X 9 (2018 to 2020) if feasible and a proven successful model.</p> <p><b>\$45k-\$90k</b></p> <p><b>Total investment possible: \$45k-\$315k over four years</b></p> |

**1. Department / Function: Economic Development**

**Details of Project/Study: Economic Development Strategy Update**

**2. Total Gross Cost of Proposed Capital Project/Study: \$25,000**

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              | \$25,000              |           |                 |

Grey County's first Economic Development Strategy and Action Plan was completed early in 2015 and an update of this plan is scheduled for 2020 at a cost of \$25,000.

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018    | 2019    | 2020     | 2021    | 2022    | Total           |
|--------------|---------|---------|----------|---------|---------|-----------------|
| <b>Gross</b> | \$5,000 | \$5,000 | \$30,000 | \$5,000 | \$5,000 | <b>\$50,000</b> |
| <b>Net</b>   | \$5,000 | \$5,000 | \$5,000  | \$5,000 | \$5,000 | <b>\$25,000</b> |

**3. Estimated Useful Life: 5 years**

**4. Location of Project/Study (if applicable):**

| Facility Name / Address | Municipality |
|-------------------------|--------------|
|-------------------------|--------------|

**5. Need or Benefit(s) of Project (including safety issues):**

Growing the Grey County Economy is an important strategic initiative for Grey County, and the County competed "Made in Grey," its first Economic Development Strategy in early 2015. Over the next five years, Grey County will be working towards realizing the vision outlined in the strategy, namely that Grey County will be Open For Business, and also implementing specific actions within the seven themes identified, and monitoring progress. The development of an overall strategy for economic development has provided the County with a clear road map to follow in focusing the County's efforts. Diversifying the regional economy and creating an environment for growing assessment and jobs supports and expands quality of life for Grey County residents. Supporting Grey County's new branding, business attraction and retention, working on becoming an intelligent county, expanding tourism and our local food and culinary sectors are included within this initiative.

**6. Scheduling and Cost of Project/Study in 2017-2021 Capital Plan: Update 'Made in Grey' Economic Development Strategy is scheduled for 2019.**

|              | 2017     | 2018     | 2019     | 2020     | 2021     | Total            |
|--------------|----------|----------|----------|----------|----------|------------------|
| <b>Gross</b> | \$15,000 | \$15,000 | \$15,000 | \$95,000 | \$15,000 | <b>\$155,000</b> |
| <b>Net</b>   | \$15,000 | \$15,000 | \$15,000 | \$15,000 | \$15,000 | <b>\$75,000</b>  |

**7. Consequences/Implications of Not Undertaking Project (including alternatives):**

Updating the Made in Grey Economic Development Strategy every five years provides a clear strategic direction and an implementing action plan so the County is in a position to best leverage both its own and community resources fully to create or take advantage of opportunities to sustain and grow the regional economy. Grey County's first strategy is focused on putting the foundation in place to support economic development and as these actions are completed and Grey County meets many of its objectives there is an expectation that a future strategy will build on this foundation.

Several Grey County municipalities, as well as neighbouring counties, are completing economic plans and it is a high priority for Grey County to move forward as well. Not completing this project would limit the County's ability to fully realize Goal 1 of the Strategic

Plan to Grow the Grey County Economy.

**8. Identify Sources and Amounts of Funding**

|              | <b>From Reserve -<br/>One Time<br/>Funding</b> | <b>Fed/Prov Grants</b> | <b>To Reserve -<br/>Economic<br/>Development</b> | <b>From Reserve -<br/>Economic<br/>Development</b> |
|--------------|------------------------------------------------|------------------------|--------------------------------------------------|----------------------------------------------------|
| 2018         | \$0                                            | \$0                    | \$5,000                                          | \$0                                                |
| 2019         | \$0                                            | \$0                    | \$5,000                                          | \$0                                                |
| 2020         | \$0                                            | \$0                    | \$5,000                                          | \$25,000                                           |
| 2021         | \$0                                            | \$0                    | \$5,000                                          | \$0                                                |
| 2022         | \$0                                            | \$0                    | \$5,000                                          | \$0                                                |
| <b>Total</b> | <b>\$0</b>                                     | <b>\$0</b>             | <b>\$25,000</b>                                  | <b>\$25,000</b>                                    |

**9. Compliance with Council objective/strategic plan (if applicable):**

Goal #1: Grow the Grey County Economy: Enhance Grey County's economy by becoming investment ready and promoting Grey County's exceptional economic assets and opportunities.

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

Updating the Economic Development Strategy and the implementing Action Plan is proposed every five years, with \$5,000 put into reserves each year for this purpose. Strategy should be updated every five years and rather than seek a one time increase in the budget, the proposed plan would see ongoing annual support transferred to reserve and then utilized in the sixth year.

# ***'Made in Grey'*** County

## ECONOMIC DEVELOPMENT STRATEGY



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“Made in Grey” County Economic Development Strategy

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# 1 Introduction

---

Grey County is located in Southwestern Ontario along the shores of the Georgian Bay. The community is home to a stable resident population estimated at more than 93,800 and a workforce over 52,000 strong. Strategically located 160 kilometres north of Toronto and home to the Owen Sound harbour, the diverse local economy shows strength in the manufacturing, health care & social assistance, tourism and agricultural sectors.

Geographically large, Grey County offers a wide variety of urban and rural amenities and lifestyle. Owing to the area's natural beauty and recreational assets, Grey has a strong existing tourism product with Blue Mountain Resort, the Niagara Escarpment, Scenic Caves and Georgian Bay providing valuable tourism experiences.

Also as a result of the area's geography, Grey County has a very strong agricultural sector - in fact, the county is Ontario's leading apple producer. In addition to agriculture, Grey County has a strong food processing concentration with breweries, wineries, bakeries, an ice cream factory and water bottling plant among the many niche manufacturers. The county has combined its strengths in food and tourism with packages like the Grey Bruce Foodlink and the Apple Pie Trail.

This "Made in Grey" Economic Development Strategy is:

- Built around Grey County's core strengths
- Focused primarily on the premise that people and process will lead to economic development success.
- Targeting specific activities where the county can have the biggest impact on creating an business-friendly and investment-ready environment

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## 2 What the Numbers Say

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To sum up, Grey County has a diverse economy with strengths in several sectors, including manufacturing, agriculture and tourism. Grey is an older community, compared to the provincial average and has seen significant declines in the working age-segments of 24-50 from 2001 to 2014.

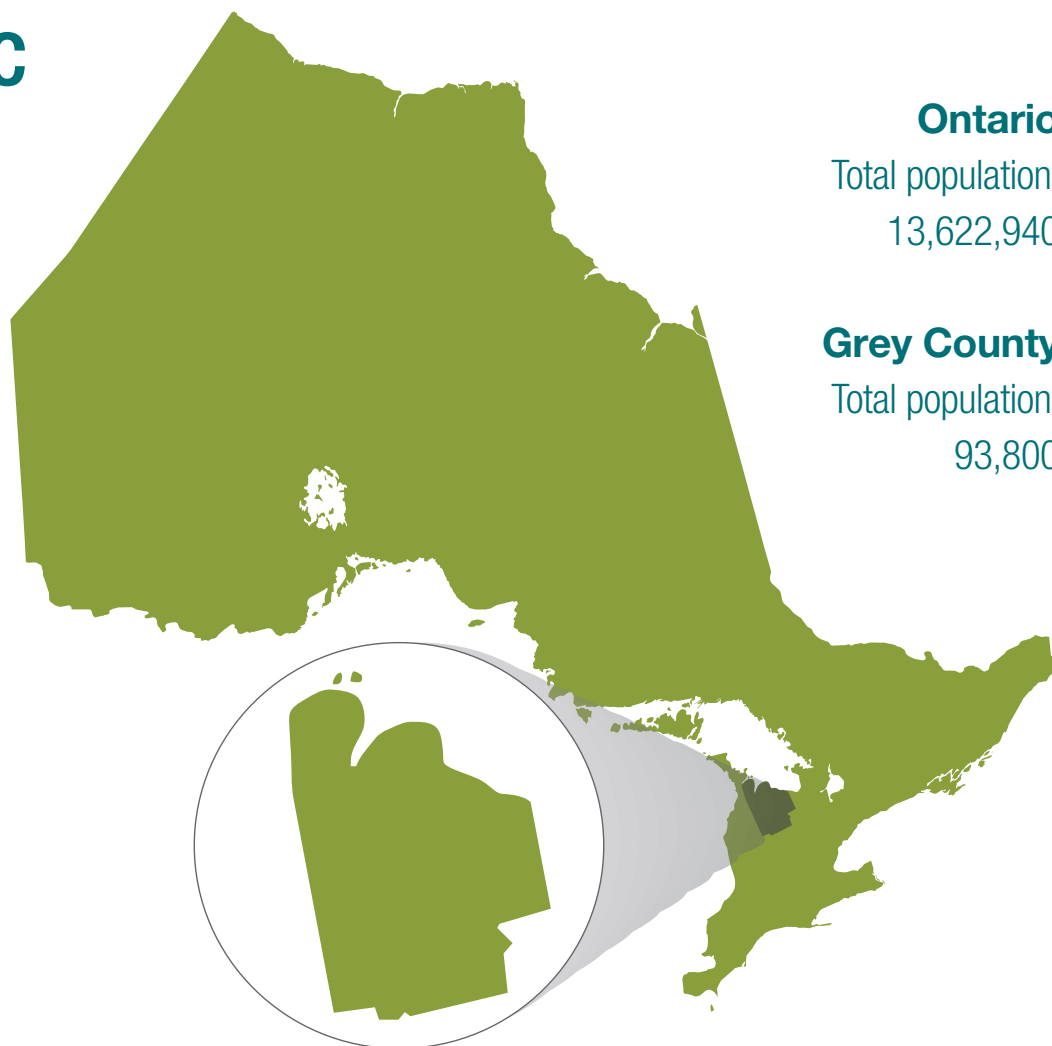
The following pages provide visual representations of Grey's demographic and labour force data. More detailed information is available in the Grey County Situational Analysis.

# Grey County

OPPORTUNITY LIVES HERE

## Geographic

Grey County is located in Southwestern Ontario along Georgian Bay. The area is home to a resident population of 93,800 and a workforce of over 52,000. Grey has a balanced number of workers commuting into and out of the County for work.



### Ontario

Total population:  
13,622,940

### Grey County

Total population:  
93,800

**17%**

of non-residents  
commute into Grey County  
for work



**19%**

of residents  
commute out of  
Grey County for work

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# Grey County

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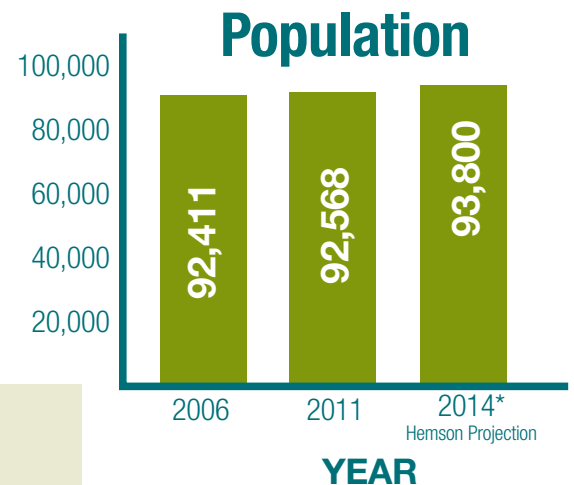
## Demographic

Grey County is displaying slow but positive population growth. The community has an older population than the province and the average value of a dwelling is lower than that of Ontario.

 **1.5%**

Ontario Growth Rate = 12%

**48** **Median Age**  
Ontario Median Age = 41



**Average value of dwelling**  
**\$352,775**

Provincial average is \$429,129



**9.4%**  
**Mobility**



Versus  
11.7% ON

Residents that had moved  
within the previous year

**32.1%**  
**Mobility**



Versus  
37.8% ON

Residents that had moved  
within the previous 5 years

**51%** 

**Population  
by gender**

 **49%**

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# Grey County

OPPORTUNITY LIVES HERE

## Labour Force

↓ **64.6%** Participation

Employment **60.3%** ↓

↓ **6.5%** Unemployment

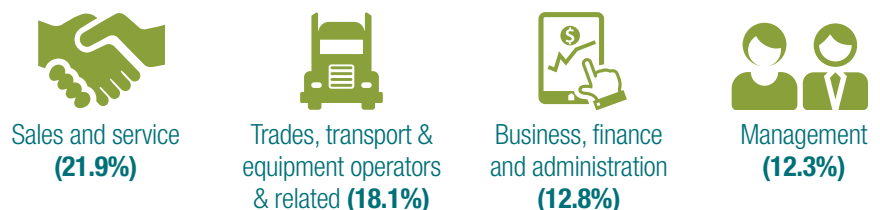
Grey County is home to a diverse local economy. The participation, employment rates and unemployment rate are lower than the provincial average. The average and median incomes are also lower than those of Ontario.

**\$ Median income \$29,845**  
**Average income \$38,938**

## Key Sectors by Industry



## Key Sectors by Occupation



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# Grey County

OPPORTUNITY LIVES HERE



**2014 Residential population has increased 1.5% since 2006**



**Median age 48.2**  
**Ontario median age 41.3**



**58% of males and 66% of females in high school expect to leave their community for a job**



**Labour force 52,677 persons strong**



**Manufacturing industry employs 5,944**  
**or 11.3% of the labour force**



**Skilled Trades or Skilled Professional positions are most difficult to fill**



**Strong Tourism Sector is evident with 3,402 employed in Accommodation and Food Services**



**Concentration of Agriculture (+forestry, fishing and hunting) sector is nearly 6X the National and 4X the Provincial average.**

\*Sources: Hemson; Statistics Canada; Manifold Data Mining Inc. Superdemographics 2014; Four County Labour Market Planning Board

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### 3 Outline of the “Made in Grey” County Economic Strategy Development Process

---

The strategy process was guided by the Grey County Economic Development Steering Committee, which is comprised of business and political leaders from the county, and supported by county staff.

The initial process of gathering information used both qualitative and quantitative methods.

Using a combination of Census, Manifold Data Mining and EMSI Analyst sources, a statistical representation of Grey County was developed. This provided a current present-day snapshot of Grey County.

In addition to the statistical analysis, qualitative measures were also taken to gain a sense of the business community in Grey County. An online survey was created and promoted to the business community by the County. Phone interviews were undertaken with key stakeholders in the county, including municipal and community partners, business owners and politicians. Numerous in-person focus groups were held in Grey County to confirm preliminary findings and gather further information.

A Stakeholder Economic Summit was held in November 2014 which brought together key stakeholders, business people, municipal partners and County staff. Quantitative and qualitative findings were presented to the audience for confirmation and/or revision. Breakout groups were formed to gather further information and identify highest priority themes and action items.

This strategy document is part of a package that includes a Grey County Community Economic Development Profile as well as a Grey County Situational Analysis. The strategic themes and actions presented below are the culmination of the collection and verification of local information.

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# 4 Economic Strategy Development Process Summary

---

As a part of the process to develop a new “Made in Grey” Economic Development Strategy, several consultation tools were used to engage and solicit feedback from the community. These tools included:

- Conducting one-on-one interviews with local stakeholders
- Online surveys
- Focus group sessions
- A one-day Stakeholder Economic Summit
- Contacting McSweeney & Associates directly with any comments.

## 4.1 First Round of Consultations

Over 194 individuals participated, or had direct input, during the first round of the public consultation process. The participation summary is as follows:

### One-on one Interviews

- 21 individual stakeholders were interviewed representing a broad range of local interests

### Online Survey

- 82 representatives of the business community responded to the online survey

### Focus Group Sessions

A total of 61 people attended six separate sessions:

- Agriculture and Food
- Health, Education and Research
- Manufacturing and Food Processing
- Tourism and Creative Economy
- Grey County Economic Development Working Group
- Grey County Economic Development Action Plan Steering Committee

### Stakeholder Economic Summit

- A Stakeholder Economic Summit was held on November 20th, 2014
- Over 30 stakeholders reviewed results from the 1st round of consultations and provided direct input to the “Made in Grey” economic strategic themes and actions.

---

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## 4.2 Second Round of Consultations

The second round of consultations took place immediately after the draft Strategy was released to the public. It consisted of an online survey which allowed stakeholders the opportunity to review the entire draft Strategy and provide direct input with respect to the vision and specific actions. There were 98 responses to the online survey.

The results of this round of consultation were summarized and the Strategy was revised accordingly. The final stage of the process is to present this strategy to Grey County Council for approval.

## 5 Grey's Economic Development Vision

---

A New Economic Development Vision for Grey County is important to Grey's overall economic success. The following describes the County's long-term vision and is based on the premise that economic development is empowered by two main components – people and process. In the end, the “Made in Grey” Economic Development Strategy lays out the process, but it's critical that Grey County empower and support the people component to achieve true success with their municipal and business partners.

This vision is best used as a guide to move Grey County and its partners in the right direction as they embark on their economic development efforts.

### GREY COUNTY IS “OPEN FOR BUSINESS”

As a direct result of open and transparent communication, real collaboration and true partnerships, Grey County, together with municipal and community partners, will be fully engaged and working together to continually create a positive environment where businesses and investors have the information, the resources and the support needed to succeed.

---

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## 6 Specific Themes and Actions

---

This “Made in Grey” Economic Development Strategy was crafted by the Grey County community through various consultation steps. The strategy is formed around seven themes:

- Becoming Investment Ready
- Creating a Business Friendly Environment
- Ensuring Key Infrastructure is in Place
- Developing Grey’s Workforce
- Better Communicating and Marketing Grey’s Greatness
- Tourism
- Agriculture, Farms and Local Food

The subsequent strategic actions pertain to each specific theme.

### 6.1 Becoming Investment Ready

#### What is it?

Investment readiness is a community’s ability and preparedness to attract and secure investment. It’s a process of creating an environment where an investor feels secure expanding, starting or relocating a business.

#### Investment Readiness Actions:

1. Undertake an investment readiness assessment and create investment readiness action plans for the County and individual municipal partners.
2. Create an economic development web presence with direct input from municipal partners and links to partner websites on the already existing [www.grey.ca](http://www.grey.ca) site.
3. Work collectively with municipal and private real estate sector partners to create an employment industrial/commercial lands and buildings inventory.
4. Develop a county-wide strategy to bring more shovel-ready employment lands and buildings (industrial and commercial) to the market, if the inventory determines there is a shortage.
5. Continually update Grey’s Community Economic Profile (Grey County to remain the keeper of all investment-related data).
6. Engage each of Grey’s municipal partners to update, or prepare, Community Profiles. Contents of the profiles should match the content requirements of the Grey Community Economic Profile.
7. Improve efficiency, shorten overall response times and reinforce an open and transparent process by designing and implementing an investment inquiry response protocol.



## 6.2 Creating a Business Friendly Environment

### What is it?

Business Friendliness is creating positive relationships between county/local government and local businesses. It involves listening and understanding your business communities' voice to ensure businesses expand and to help new businesses get established.

### Business Friendly Environment Actions:

1. Continue working with Grey's municipal partners, Chambers of Commerce, Business Improvement Areas and other supporting agencies to formalize Grey's Business Visitation Program. Place an increased focus on retention and expansion as well as issue identification and resolution.
2. Create and deliver a training and education session for Grey County staff, municipal partner staff, elected officials and community partners about working together with your local business community.

Topics to include in session:

- Why the Grey business community is very important – jobs mean people
  - Getting a perspective of issues faced by Grey's business community
  - Getting a perspective of issues faced by Grey County and its municipal partners
  - How to listen, hear and talk to your business community and government with a focus on county, municipal staff and elected officials better understanding how to communicate with the business community
  - Positive issue resolution
  - Understanding regulations and guidelines
3. Engage Grey's municipal partners to develop consistent home occupation policies and bylaws across the county.
  4. Host an annual Business to Business and Government to Business networking event to strengthen/identify opportunities for County businesses. This is also a forum for communication. Grey County can use this as an opportunity to promote their good work while interacting with the local business community and investors.

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## 6.3 Ensuring Key Infrastructure is in Place

### What is it?

Infrastructure – water, sewer, natural gas, broadband, shovel-ready employment land, buildings and transportation networks – are key components to ensuring that Grey County and its municipal partners have the physical assets in place to allow existing businesses to prosper and to make Grey County an attractive community for private and public sector investment.

### Ensure Key Infrastructure is in Place Actions:

1. Develop shortened timelines and accelerate the implementation of Grey's Broadband Plan in order to ensure affordable, reliable and accessible broadband throughout the County (urban and rural).
2. Create a Grey County infrastructure master plan which identifies and maps county and municipal partner key capital infrastructure projects and priorities



## 6.4 Developing Grey's Workforce

### What is it?

Workforce development is about people and ensuring the business community can draw on available workers, with appropriate skill sets and experience, within the county. It also includes addressing issues such as youth unemployment and skills development.

### Developing Workforce Actions:

1. Establish a working group consisting of Grey County, School Boards, Georgian College, Grey Bruce Health Services, major employers, Chambers of Commerce, and municipal partners to prioritize recommendations of the Four County Labour Market and Planning Board's Skills Gap study from 2014.
2. Create an action and implementation plan to address the priority recommendations of the 2014 Skills Gap report. Include, as a priority action, communicating the urgency that a labour crisis is coming to Grey County within the next five years.
3. Create a youth retention and attraction task force to develop a strategy and implement action items that address youth retention and outmigration.

### Topics could include:

- How to communicate and engage youth, parents and influencers (i.e. schools)
- Priorities of young people
- Image of Grey County and partnering communities
- Benefits of staying in or returning to Grey County
- Aligning education with local jobs



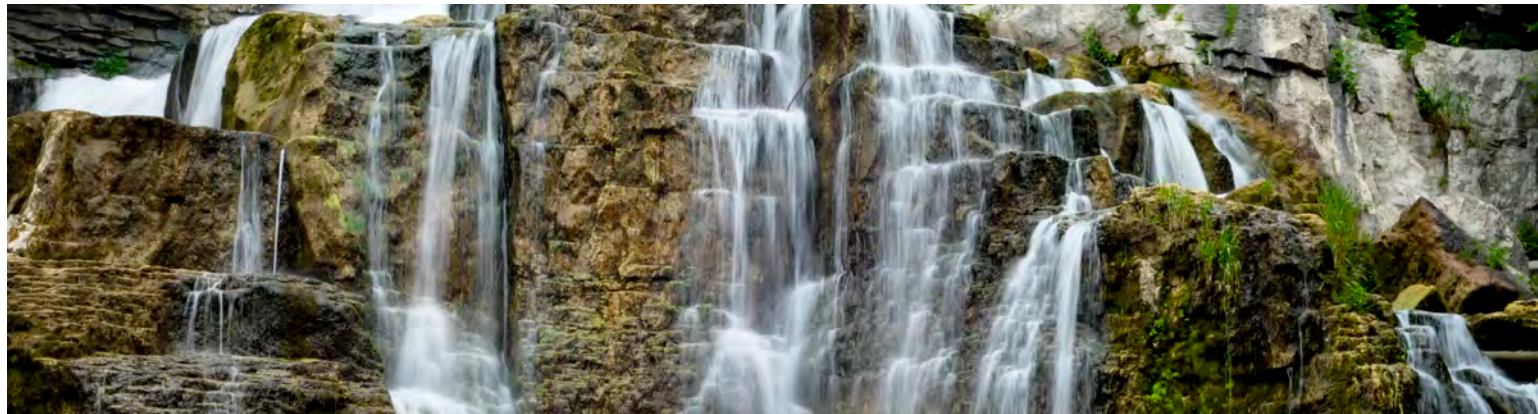
## 6.5 Better Communication and Marketing Grey's Greatness

### What is it?

Communication is having open lines between the County and other levels of government, local business and residents. Marketing is promoting the county so that stakeholders are aware of what the county does, what economic development work is underway and the investment opportunities that currently exist (investment attraction).

### Communication & Marketing Actions:

1. a. Formalize the Grey County Economic Development Working Group in order to maintain a forum that fosters two-way communication between the County and its municipal partners.
- b. Identify two joint projects a year that can be undertaken by the Grey County Economic Development Working Group but coordinated by the county.
2. Complete and implement an investment attraction marketing action plan that includes the development of:
  - Economic development web presence (with an investment attraction component)
  - Grey's Community Economic Profile
  - Employment industrial lands and buildings inventory
  - Grey's value proposition
  - Once the above actions are complete, develop specific sector sheets and testimonials for the following target sectors:
    - Manufacturing
    - Value-added processing (large & small scale)
    - Tourism
    - Sectors specific to municipal partners.
3. Compile and promote information on existing business development services, grant programs and contacts for the Provincial, Regional, County and Municipal governments. Ensure this information is shared with municipal partners and is easily accessible on the county's economic development webpages.
4. Create a marketing and communications program that advises residents and partners what the county is doing in terms of economic development.
5. Continue to prepare and circulate a semi-annual or quarterly newsletter highlighting activities and success stories in Grey County.



## 6.6 Tourism

### What is it?

Tourism is a broad industry based around the attraction of people into a specific area. The province defines a tourist as a person who travels at least 40 kilometers from their residence for non-business, health or religious reasons. For the purpose of this strategy, tourism is the attraction of visitors into Grey County for accommodation, cultural, recreational and culinary experiences.

### Tourism Actions:

1. Continue specific current tourism activities:
  - Growing and improving Grey's marketing efforts and materials with an increased focus on outward marketing
  - Making improvements to Grey's tourism website including:
    - Expanding, improving and promoting festival and events, accommodations
    - Promoting Grey's tourism website
    - Developing Grey's tourism infrastructure and offerings such as cycling, active lifestyle opportunities and local food products and experiences
  - Being a supporting partner in regional efforts with Regional Tourism Organization 7, Regional Tourism Marketing Partnership, and Georgian Bay Destination Development Partnership.
2. Build off the Grey County Tourism Destination Development Action Plan, updating or creating a new tourism strategy including what Grey County will focus on in "Tourism" (e.g. activities and industry sectors-sub-sectors-jobs) as well as Grey tourism asset inventory and mapping.
3. Work with municipal partners to create and implement a Grey tourism way-finding signage program.
4. In conjunction with Regional Tourism Organization 7 and tourism stakeholders, continue developing and implementing a tourism partnership education and training program aimed at:
  - Educating county businesses on the importance and benefits of tourism in the county and how to become better prepared to serve the tourism sector.
  - Elevating the customer service experience in Grey.



## 6.7 Agriculture, Farms and Local Food

### What is it?

Agriculture, Farms and Local Food – including farm and non-farm related industrial and commercial activities such as manufacturing, processing and value-adding – are essential components to the economic health and diversity of Grey County. Supporting these types of business activities is an important step to growing and sustaining Grey's overall economy.

### Specific Local Food Actions:

1. Follow a community and stakeholder engagement process to define roles and responsibilities within the local food community, and develop a local foods strategy that includes a definition of what constitutes local foods in Grey County.
2. Develop and implement a brand identity for local foods produced in Grey County.
3. Continue to work in partnership with Georgian College, partner municipalities and local food organizations to build on the annual food entrepreneurs' day that brings local food growers and producers together.
4. Create policies, procedures and tools to support local food initiatives and activities such as:
  - On-site food processing
  - Pop-up restaurants
  - Food business incubator
  - Market gardens and farmers' markets
  - Special events focusing on promoting local foods.
5. Research the feasibility of a regional food hub that will lead:
  - Co-ordination of farms and producers.
  - Distribution of local products.
6. Partner with Ontario Ministry of Rural Affairs, and Ministry of Agriculture and Food, the Ontario Federation of Agriculture and/or other agricultural support agencies to develop a "How to Start" toolkit aimed at assisting new farmers and farm-based businesses.
7. Align the Grey Tourism marketing efforts to include local food.



### Specific Agriculture and Farm Actions:

1. Undertake an inventory of small-scale on-farm diversified-use businesses currently operating in rural Grey County.
2. Encourage the appropriate growth and development of farm and non-farm related activities by undertaking a County and Municipal land-use policies and regulations review that ensures policy framework is in place to support small scale on-farm diversified uses while also contextually considering the industrial/commercial development policies within settlement areas.
3. Set clear expectations (definitions) on the limits and appropriate size of what constitutes small-scale on-farm diversified use, and where development may be better suited towards a settlement area.
4. Ensure there is sufficient and adequate commercial and industrial space in Grey County to accommodate the transition of small-scale on-farm diversified use businesses to the alternate locations once these businesses outgrow their original rural locations or choose to expand into a traditional industrial/commercial business park environment.
5. Create a communication strategy to ensure all existing and new small-scale on-farm diversified use businesses understand the expectations and limits of what constitutes a small-scale on-farm diversified use and the opportunities that exist to relocate or expand within Grey County.



## FOR MORE INFORMATION CONTACT

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473ml

BEER / BIÈRE  
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**ND**  
**RED**  
5.4%ABV  
473ML



EN SOUND, ONTARIO, CANADA

**KILANNAN**  
**KÖL**  
473

**1. Department / Function: Economic Development**

**Details of Project/Study: Made in Grey - Strategic Implementation**

**2. Total Gross Cost of Proposed Capital Project/Study: \$15,000**

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              | \$15,000              |           |                 |

The Made in Grey - Economic Development Strategy was completed in early 2015. The plan identifies seven key themes, including two sectors, and a series of actions under each theme. Staff developed a more detailed implementing action plan for the period 2015-20, with estimates of cost and staff time required to implement the actions. While some of these actions could be accommodated within existing budgets and human resources, It was deemed prudent to plan for additional budget to meet the plan's outcomes (To be Open for Business) and support Grey County's overall strategic goal of Growing the Grey County Economy. This increase was phased-in to \$43,000 in 2015, \$60,000 in 2016, and a steady allocation proposed of \$75,000 in 2017.

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018     | 2019     | 2020     | 2021     | 2022     | Total           |
|--------------|----------|----------|----------|----------|----------|-----------------|
| <b>Gross</b> | \$15,000 | \$15,000 | \$15,000 | \$15,000 | \$15,000 | <b>\$75,000</b> |
| <b>Net</b>   | \$15,000 | \$15,000 | \$15,000 | \$15,000 | \$15,000 | <b>\$75,000</b> |

**3. Estimated Useful Life:**

**4. Location of Project/Study (if applicable):**

| Facility Name / Address | Municipality |
|-------------------------|--------------|
|-------------------------|--------------|

**5. Need or Benefit(s) of Project (including safety issues):**

In order to realize the ambitious outcomes of the Made In Grey Economic Development Strategy, additional resources have been allocated to realistically move the County towards its stated goal of Growing the Grey County Economy. A total commitment of \$75,000 is projected for 2017 and going forward. Due to the project-based nature of economic development, the suggested approach is to bring \$60,000 into the annual operating budget, and keep \$15,000 separate for more variable investments in information, communications and technology to support economic development. Putting some basic tools in place include developing a robust website, purchase and maintenance of data, updating annual community profiles, and increased communication through social media channels. With the benefit of strategic planning process and community/industry engagement completed in 2014, and the recent creation of an ongoing Economic Development Advisory Committee, there has been widespread support built for the direction forward and the case made for additional resources.

**6. Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:**

|              | 2017     | 2018     | 2019     | 2020     | 2021     | Total           |
|--------------|----------|----------|----------|----------|----------|-----------------|
| <b>Gross</b> | \$15,000 | \$15,000 | \$15,000 | \$15,000 | \$15,000 | <b>\$75,000</b> |
| <b>Net</b>   | \$15,000 | \$15,000 | \$15,000 | \$15,000 | \$15,000 | <b>\$75,000</b> |

**7. Consequences/Implications of Not Undertaking Project (including alternatives):**

Not increasing the budget will severely limit Grey County's ability to implement the economic development plan and limit the activity of staff time and resources. The current allocation of \$60,000 is already feeling constraints to do the suggested actions under becoming investment ready, more business friendly, workforce development, communication and local food initiatives.

**8. Identify Sources and Amounts of Funding**

|              | <b>Taxation</b> |
|--------------|-----------------|
| 2018         | \$15,000        |
| 2019         | \$15,000        |
| 2020         | \$15,000        |
| 2021         | \$15,000        |
| 2022         | \$15,000        |
| <b>Total</b> | <b>\$75,000</b> |

**9. Compliance with Council objective/strategic plan (if applicable):**

Goal 1 of Grey County's Corporate Strategic Plan is Growing the Grey County Economy. This allocation makes it possible to achieve five priority outcomes and nine strategic initiatives identified in this goal.

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

As noted, the current budget is constrained in its ability to support economic development at a County level as outlined in the Made in Grey Strategy. Gradually increasing the economic development budget to an annual allocation of \$75,000 by 2017 for implementation is highly recommended.



**1. Department / Function: Tourism**

**Details of Project/Study: Tourism Destination Development Action Plan**

**2. Total Gross Cost of Proposed Capital Project/Study: \$45,000**

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              | \$45,000              |           |                 |

Updating Grey County's Tourism Destination Development Action Plan (DDAP) was completed in early 2016. An update of this plan is scheduled for 2021 at an estimated cost of \$45,000.

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018    | 2019    | 2020    | 2021     | 2022    | Total           |
|--------------|---------|---------|---------|----------|---------|-----------------|
| <b>Gross</b> | \$7,500 | \$7,500 | \$7,500 | \$52,500 | \$7,500 | <b>\$82,500</b> |
| <b>Net</b>   | \$7,500 | \$7,500 | \$7,500 | \$7,500  | \$7,500 | <b>\$37,500</b> |

**3. Estimated Useful Life: Five Years**

**4. Location of Project/Study (if applicable):**

| Facility Name / Address | Municipality |
|-------------------------|--------------|
|-------------------------|--------------|

**5. Need or Benefit(s) of Project (including safety issues):**

Providing a strategic approach to Grey County's investment in tourism started in 2010 with Grey County's initial DDAP. With the completion of Grey County's first overall economic development strategy, "Made in Grey", in early 2015, Tourism was identified as one sector of focus within the overall seven themes of the plan. Updating the DDAP was a specific action identified in that plan, and this was accomplished in 2016. The Tourism Destination Development Action Plan gathered a lot of useful input from industry stakeholders and combined with leadership from the Tourism Advisory Committee, Regional Tourism Organization 7 (RTO7) and the consultant's expertise, provides strategic direction as well as specific activities under four pillars: Stakeholder Engagement, Destination Development, Market Research and Tracking and Resource Allocation. The plan's timeframe is 2016 - 2020. Updating the plan is scheduled for 2021.

**6. Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:**

|              | 2017    | 2018    | 2019    | 2020    | 2021     | Total           |
|--------------|---------|---------|---------|---------|----------|-----------------|
| <b>Gross</b> | \$7,500 | \$7,500 | \$7,500 | \$7,500 | \$52,500 | <b>\$82,500</b> |
| <b>Net</b>   | \$7,500 | \$7,500 | \$7,500 | \$7,500 | \$7,500  | <b>\$37,500</b> |

**7. Consequences/Implications of Not Undertaking Project (including alternatives):**

Not updating the plan would lead to a more ad-hoc approach to tourism, would limit the opportunity for stakeholder engagement in forming a new plan, and would not leverage the expertise and objective guidance of a specialized tourism consultant and the opportunity to bring in a fresh approach.

**8. Identify Sources and Amounts of Funding**

|      | From Reserve - One-Time Funding | Taxation - Tourism Operating | To Reserve - Tourism Operating | From Reserve - Tourism Operating |
|------|---------------------------------|------------------------------|--------------------------------|----------------------------------|
| 2018 | \$0                             | \$0                          | \$7,500                        | \$0                              |

|              |            |            |                 |                 |
|--------------|------------|------------|-----------------|-----------------|
| 2019         | \$0        | \$0        | \$7,500         | \$0             |
| 2020         | \$0        | \$0        | \$7,500         | \$0             |
| 2021         | \$0        | \$0        | \$7,500         | \$45,000        |
| 2022         | \$0        | \$0        | \$7,500         | \$0             |
| <b>Total</b> | <b>\$0</b> | <b>\$0</b> | <b>\$37,500</b> | <b>\$45,000</b> |

**9. Compliance with Council objective/strategic plan (if applicable):**

Goal 1 of Grey County's Corporate Strategic Plan (2017-19) is to "Grow the Grey County Economy" with supporting Strategic Initiatives to "Implement the Tourism Destination Development Action Plan" and "Development of key sectors including agriculture, small business and tourism."

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

Updating Tourism Destination Development Action Plan is proposed every five years, with \$7,500 put into reserves each year for this purpose. Action plans should be updated every five years, and rather than seek a one-time increase in the budget, the proposed plan would see ongoing annual support transferred to reserve and utilized in the fifth year.



# Grey County Destination Development Action Plan Update Final Report

Developing a 3-5 year Destination Development Action Plan  
for The County of Grey

March 31, 2016

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The information and data found in this report are current as of the date of submission to Grey County Tourism and subject to change given market forces and external variables.

March 31, 2016



# Introduction: The Process

In late 2015, Grey County, in partnership with Regional Tourism Organization 7, engaged Bannikin Travel & Tourism to update its original Destination Development Action Plan, with the objective of creating a new plan that will guide Grey County's tourism staff as they continue to increase sustainable tourism revenues. Enabling economic development and growth has been a high priority for Grey County and led to Grey County's first economic development strategy "Made in Grey," which was completed in early 2015. Tourism was identified as a key sector within the seven themes of the plan, and updating the DDAP was called out as a key action. The DDAP 2016 structures its recommendations within four strategic pillars: **Community & Stakeholder Engagement, Destination Management, Market Research & Tracking and Resource Allocation**. To gain insight into Grey County's current tourism situation, its strengths, weaknesses, opportunities and threats, and its aspirations, Bannikin did the following stakeholder engagement and research:

- Interviews with 3 County tourism staff responsible for product dev, marketing, industry engagement, research, and 2 senior managers
- Interviews with 38 Grey County travel and tourism industry stakeholders; 18 represent industry, 10 represent municipalities and 10 represent DMOs and tourism organizations.
- An e-mail survey responded by 118 out of 572 tourism industry stakeholders recipients within Grey County
- A review of RTO7's 3-Year Strategic Plan (2014), and Business Plan (2015/2016), Georgian Bay International Travel Trade Market Development Program (2014) and 20+ other related research, strategy and informational documents; and an internet review of Destination Canada and Adventure Travel Trade Association

- A competitive review of strategic direction and marketing practices of Bruce County, Prince E. County and Niagara on the Lake.
- Scenario testing using Destination Next tool analysis
- A workshop with 19 attendees representing the three stakeholder groups; a public info session attended by municipalities, tourism organizations & industry

This report outlines priorities we identified through our research and engagement relating to each strategic pillar. Appreciating the reality of a limited budget and small tourism team, we have kept these recommendations to those of the utmost priority, to set the stage for full completion and success of each.

## Stay The Course

Great effort and investment was made in developing the first iteration of the Grey County DDAP. Grey County Tourism has done a good job implementing the majority of the recommendations listed in DDAP 2010. The recommendations we make in this document are relevant to findings from our recent analysis, with the exception of two items: **Signage** and **Collaboration**. Despite these areas being called out as issues of concern, we recommend Grey County stay the course, and continue to engage in **Signage Enhancement** and **Collaboration** (with border Counties such as Bruce and Simcoe,) as you have been doing successfully. Rather than changing direction, we recommend better communicating what is being done well, and have listed recommendations on how to do this in Pillar 1.



## The Why

## Grey County Tourism's Mission

To encourage tourism development and marketing across Grey County to contribute to economic prosperity and higher quality of life in our communities through the following:

- Actively engaging with industry stakeholders to develop new tourism experiences, strengthen Grey County as a preferred destination, provide excellent customer service and market Grey County to our chosen visitor markets,
- Strategic alignment with partners from Grey, Bruce, Simcoe and beyond to develop and promote regional experiences and destinations,
- Undertaking market research and tracking of our results in our visitor markets and their economic impact upon Grey County.

## Grey County's Key Differentiator

Grey County is a true four-season, rural destination, with exceptional natural assets, a strong emerging food and wine scene, two hours from the Greater Toronto Area, and the only County in Ontario with a world-class ski resort within its boundaries.

## Key Objectives for the DDAP

1. To be a useful, relevant document, with practical recommendations and steps to guide Grey County Tourism's goal to increase sustainable tourism revenues for Grey County as a whole and its various stakeholder groups.
2. To simplify Grey County Tourism's task list to be more effective in delivering value to its stakeholders
3. To connect Grey County's main tourism demand generators with tourism offerings that generate revenue
4. To lay the groundwork for Grey County tourism stakeholders to work together and be better aligned up and downstream
5. To outline what information is needed for Grey County Tourism to support its stakeholders
6. To set in motion how Grey County Tourism can effectively promote the destination to its target markets



# The Four Pillars

## The DDAP's Goal

Increase sustainable tourism revenues through managing & marketing Grey County as a tourism destination.



Community  
Engagement



Destination  
Management



Market Research &  
Tracking



Resource  
Allocation

Four guiding pillars identified by Grey County Tourism form the framework of the DDAP update. These four pillars will help **focus attention** of the Grey County team as well as their industry stakeholders and partners, **maximise budget** and **improve the tracking of results**. Using insight and opinions gleaned from the engagement process, background research and knowledge into optimal achievable results by a DMO of Grey County's size and scope, we've recommended several priorities under each of the identified pillars.

**Pillar 1: Community Engagement.** Recommendations for sustainable stakeholder engagement. In particular, providing education/support to tourism businesses is a top priority.

**Pillar 2: Destination Management.** Recommendations regarding management of the destination, including prioritization of where the County should focus its resources, working with demand

generators, building and protecting Grey County's brand, and ensuring market-readiness of natural and human-made assets.

**Pillar 3. Market Research & Tracking.** Recommendations on how to best track results of Grey County efforts, what qualitative and quantitative tourism industry and Grey County visitor research would be most useful to stakeholders to track, and how to track it.

**Pillar 4. Resource Allocation.** Recommendations for Grey County staff and functions for optimal delivery of County tourism services.

### LEGEND: Priority Levels

- 1 = Accomplish in Q2 & Q3 2016 (Urgent)
- 2 = Accomplish in Q4 2016 & Q1 2017 (Immediate)
- 3 = Accomplish in 2017 (Timely)
- 4 = Accomplish in 2018 (Extended)



# The Recommendations

| Pillar 1. Stakeholder Engagement                                                               | Pillar 2. Destination Development                                                      |
|------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|
| 1. Clean Up and Maintain the Grey County Tourism Stakeholder Database                          | 1. Create a Robust Marketing and Communications Plan                                   |
| 2. Build a Simple Stakeholder Communications Plan                                              | 2. Embrace the Brand                                                                   |
| 3. Relaunch "Tourism Talks"                                                                    | 3. Create a Visiting Friends and Relatives (VFR) Marketing and Communications Campaign |
| 4. Make the Industry Website a Useful Tool and Resource                                        | 4. Create a Grey County Tourism Mobile Application                                     |
|                                                                                                | 5. Facilitate Creation of Packages and Itineraries                                     |
|                                                                                                | 6. Create a Simple Experiential Outbound Tour Operator Strategy                        |
| Pillar 3. Market Research & Tracking                                                           | Pillar 4. Resource Allocation                                                          |
| 1. Track the success of the DDAP                                                               | 1. Reorganise Tourism Staff Functions                                                  |
| 2. Track Key Quantitative and Qualitative Metrics and Economic Impact of Tourism               | 2. Invest in Professional Development                                                  |
| 3. Create Profiles of Target Market Audience Groups Using Both Demographics and Psychographics |                                                                                        |



# Pillar 1: Community Engagement

| Recommendation                                                                         | Key Objective                                                   | Context & Reasoning                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|----------------------------------------------------------------------------------------|-----------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>1. Clean Up &amp; Maintain Stakeholder Database</p> <p><b>Priority Level: 1</b></p> | <p>Ensure the foundation for stakeholder outreach is strong</p> | <p>During the interviews, several stakeholders noted they had significant trouble getting onto the stakeholder mailing list. Furthermore, Grey County Tourism staff noted the database is not up to date. We analysed the database in its exported excel format and determined it is not automatically being segmented and kept up to date. From this we determined the database requires more attention and dedication to keep it current and in a usable format.</p> <p>A stakeholder database is the greatest resource for a DMO to effectively manage industry collaboration and engagement, because it provides the framework to communicate efficiently with the people who want to hear from you and talk with you, as well as those with material impact on tourism development in the County.</p> <p>As with marketing, it costs twice as much in time and budget to engage new stakeholders than it does to keep the attention of those you already have (and take a step further to enliven them to encourage their colleagues to engage (i.e., word of mouth).</p> <p>Furthermore, the database must be segmented (and continually updated) into various stakeholder groups. This will be key to disseminate relevant information and messages to the right audiences through various media and channels. We recommend using Grey County's existing CRM software more effectively, and combining tourism database with economic development database.</p> |



# Pillar 1: Community Engagement cont'd

## Steps to Develop: Clean Up & Maintain Stakeholder Database

## How to Measure

**Step 1:** Grey County should invest in additional CRM capabilities. Do an analysis of software for: cost per month/user; segmentation capabilities; email campaign capabilities; website synching capabilities; back-office capabilities; customizable fields; free trial; and report functions. Ensure the CRM tool functions with the email marketing tool (i.e., newsletter). Possible options to review include Insightly, Simpleview, LessAnnoying, Nimble, ZohoCRM, Hubspot and Salesforce. All Grey County Tourism staff should be trained on how to use it and the net benefit for doing so.

**Step 2:** One Grey County Tourism staff person (i.e., a Tourism Specialist) should segment the database into relevant groups. When deciding on groups/segments, consideration should be given to the different messages Grey County may need to deliver to each. Segments could include: accommodation providers, outfitters and tour operators, agritourism providers, artists engaged in tourism, restaurants and cafes engaged in tourism, municipalities and other tourism organizations. It is important that the segments are aligned with any newsletter sign-ups and contact detail input stations that exist (i.e., industry website).

**Step 3:** The County should set aside at least 5-10 business days up-front for the Tourism Specialist: Stakeholder Relations & Industry Relations (TS) to update the industry database all at once. The existing database should be segmented into the groups decided in Step 2. The MailChimp email bounce-back report should be reviewed and faulty email addresses removed from the database. Once completed these contacts should be communicated to via phone (or checking their website) to obtain updated email address information. A line by line analysis of the database should be completed with key information updated based on the TS's knowledge and base-level research. After basic updating, a database update campaign (meaning, an email should be sent to everyone on the cleaned up list) should be conducted asking stakeholders to contact the County if they believe their situation and contact details have changed since first inputted into database.

**Step 4:** As contact details change, ensure the changes are reflected in the database on an ongoing basis.

- Number of complaints received in regards to the database (e.g., 'I don't receive the newsletter even though I've signed up for it'.)
- Newsletter open and bounce rates
- Increase in newsletter list numbers



# Pillar 1: Community Engagement cont'd

| Recommendation                                                                         | Key Objective                                                                                                                          | Context & Reasoning                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|----------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>2. Build simple Stakeholder Communications Plan</p> <p><b>Priority Level: 2</b></p> | <p>Create a steady flow of information from Grey County to stakeholders, to provide valuable news and information to constituents.</p> | <p>Grey County has a fairly strong newsletter open rate, hovering at 22%, which is slightly higher than the industry standard (15-20%). With more relevant content released strategically and in a timely fashion, we are confident this engagement rate will only increase.</p> <p>Given limited staff time, an annual stakeholder communication plan which includes pre-planned distribution to database segments, based on a general content framework, needs to be in place and followed to avoid being a secondary thought. This plan should align with economic development communications and allow for economic development events, newsletters and communications.</p> <p>The plan should include all industry facing platforms such as newsletters, social media and the Grey County industry website. In all these channels, move away from content promoting Grey County and focus content on upcoming or recent Grey County and relevant DMO trade show participation (including call out for stakeholder involvement), annual upcoming "Tourism Talks" events, industry trends, next big trends, relevant research, emerging traveller profiles, data on the value tourism brings, case studies supporting collaboration and packaging, marketing tips, new tourism products and operators in Grey County, Grey County marketing and industry outreach priorities, weaknesses in tourism development as a whole and requests for assistance (i.e., opening hours), new images and shareable content (tools for stakeholders to use in their promotional efforts).</p> <p>The stakeholder newsletter is the most accessible way to connect with stakeholders - sending a strong newsletter out more often will be appreciated and valued. We suggest once every six weeks.</p> <p>Grey County stakeholders (especially industry) are also heavy Facebook users. The County should create a simple stakeholder Facebook strategy including joining all relevant tourism groups, creating a Grey County tourism Facebook group, and sharing useful content (as in newsletter.)</p> |



# Pillar 1: Community Engagement cont'd

| Steps to Develop: Build simple Stakeholder Communications Plan                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | How to Measure                                                                                                                                                                                                                                                                                                 |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p><b>Step 1:</b> The County should build the framework for a communications plan, which can be done in an Excel Sheet or shared Google Doc. Communication tools to focus on include:</p> <p>Newsletter: Primary communication tool<br/>           Facebook: Used to communicate upcoming events, get feedback on certain ideas, encourage conversation among stakeholders online<br/>           Tourism Talks: Used to dig deeper into various themes<br/>           Industry website a place to house all newsletters, research documents, trends reports, and upcoming events. An annual survey can be added to communications plan, as well as yearly phone calls and/or physical visits, to active industry or ones who hold a lot of potential.</p> <p>Decide on a monthly newsletter or every 6-weeks to start. Determine how often you will do a segmented newsletter (i.e., only to accommodation providers, only to arts and crafts businesses, etc.). Decide on 3-5 themes to include in each newsletter (i.e., trends, new tourism products/infrastructure, topical issues (e.g., the need for more boutique hotels; the need for restaurants to stay open longer, etc.). Brainstorm all known upcoming Grey County-related tourism events in the next 12 months. Brainstorm on all current or anticipated issues stakeholder should input on. Include Tourism Talks schedule in the plan.</p> <p><b>Step 2:</b> The County should update the newsletter template. Use an in-house graphic designer or hire a contractor to build a custom template - something simple that allows for flexible functionality and showcases the brand.</p> | <ul style="list-style-type: none"> <li>• Newsletter open and click-through rates</li> <li>• Number of Facebook group members</li> <li>• Level of engagement on Facebook page</li> <li>• Complaints from stakeholders saying they don't know what Grey County is doing/haven't heard from the County</li> </ul> |



# Pillar 1: Community Engagement cont'd

## Steps to Develop: Build simple Stakeholder Communications Plan cont'd

## How to Measure

**Step 3:** The County should build a “Time and Action” calendar (the actual Communications Plan), or Gantt chart, where it can slot exact dates for each newsletter (by group and segments) and slot proposed newsletter ideas for content (developed in Step 1) into relevant distribution dates. As material firms up, these should be added to the outline in the relevant upcoming schedule. In addition to tourism events, include economic development events and other major stakeholder events.

**Step 4:** The County should create a Grey County Tourism Facebook group and invite all known stakeholders to join. The group should be promoted via the newsletter.

**Step 5:** Once the plan is in place, the first newsletter should be launched announcing the revised newsletter schedule and refreshed look, as well as broadcast on Facebook (consider promoting post with paid advertising to ensure stakeholders see it), and content added to the industry website. The County should continue to plug detail into plan as it arises, and release content as per the set schedule.

(Noted on page 8.)



# Pillar 1: Community Engagement cont'd

| Recommendation                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Key Objective                                                                                                                 | Context & Reasoning                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>3. Relaunch "Tourism Talks"</p> <p><b>Priority Level: 2</b></p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | <p>Create a strong sense of community and encourage partnership and collaboration among the tourism stakeholders in Grey.</p> | <p>Roughly 40% of industry stakeholders noted they are looking for more networking and collaboration opportunities, as well as professional business development (i.e., including training). Grey County is in the best position to facilitate these opportunities, either hands-on, or delegating to other tourism groups or municipalities.</p> <p>Economic Development has had success in building momentum in their networking and industry events.</p> |
| Steps to Develop: Relaunch "Tourism Talks"                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                               | How to Measure                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <p><b>Step 1:</b> Create a realistic stakeholder meeting schedule including an annual all-stakeholders group meeting and annual/semi-annual separate meetings for the three main stakeholder audiences (i.e., industry, municipalities and DMOs or potentially combine DMOs and municipalities). Decide three months in advance the location and theme and effectively communicate the details to stakeholders in each newsletter and bulk communication (e.g., March Tourism Talks in Meaford will discuss packaging; October Tourism Talks in Flesherton will discuss agritourism opportunities, etc.). The schedule should be included in the stakeholder communication plan, and align with economic development events.</p> <p>Possible subjects to include are: an annual DDAP progress review, package development and collaboration, customer service improvements (i.e., opening hours), sharing of best practices and marketing tips/tools. Local industry could be invited as guest speakers, to showcase best practices and/or provide lessons learned.</p> <p><b>Step 2:</b> The County should outline the draft yearly schedule at launch and promote it through the year in stakeholder communications.</p> |                                                                                                                               | <ul style="list-style-type: none"> <li>• Number of events held</li> <li>• Attendee numbers</li> <li>• A short feedback form can be handed out after the event (or sent by email later) to measure satisfaction/utility and what they have done differently as result of learning, and suggested topics for upcoming events.</li> </ul>                                                                                                                      |



# Pillar 1: Community Engagement cont'd

| Recommendation                                                                                 | Key Objective                                                          | Context & Reasoning                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|------------------------------------------------------------------------------------------------|------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>4. Make the Industry Website a Useful Tool and Resource</p> <p><b>Priority Level: 2</b></p> | <p>Remove barriers for stakeholders to access critical information</p> | <p>The current industry website is under-utilized both internally and externally. Given the framework is in place, it would take limited staff time to make it a useful tool, to ensure key messages are communicated and host information stakeholders may find useful.</p> <p>There is no need for a complex industry website. It needs to be kept up to date with upcoming industry events (i.e., the schedule of events should be up to date at least a year out with known events), relevant research documents, reports and strategic plans and opportunities.</p> |

| Steps to Develop: Make the Industry Website a Useful Tool and Resource                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | How to Measure                                                                                        |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|
| <p><b>Step 1:</b> The County should remove login requirements (a login could remain for competitive intelligence like Grey County web stats and for industry to update their listing information on their own).</p> <p><b>Step 2:</b> The County should upload all current relevant research and data documents it has access to. The County should include recent media clippings resulting from Grey County media relations efforts and FAMs. The County should upload the previous 6 newsletters and include all newsletters on a go-forward basis. The website should be cross referenced in the newsletter and Facebook group when referring to industry research. Also included should be a current open-source image/video gallery for industry to use in their promotions efforts.</p> | <ul style="list-style-type: none"> <li>Website visits and length of stay on relevant pages</li> </ul> |



## Pillar 2: Destination Management cont'd

### A) Marketing

| Recommendation                                                                       | Key Objective                                                                                  | Context & Reasoning                                                                                                                                                                                                                                                                                                                                                                             |
|--------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1. Create a Robust Marketing and Communications Plan<br><br><b>Priority Level: 1</b> | Lay the foundation for an integrated marketing and communications promotion of the destination | A strong brand positioning and associated marketing and communications plan are the main tools DMOs have control over to effectively drive sustainable visitation to their respective destinations. A fully integrated marketing and communications plan is needed for Grey County to build greater awareness of the destination and move potential travel consumers down the path to purchase. |

| Steps to Develop: Create a Robust Marketing and Communications Plan                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | How to Measure                                                                                                                                                                                                             |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p><b>Step 1:</b> The County has the experience and knowledge necessary to build a great marketing and communications plan. The County should schedule a retreat to focus on the creation of the marketing and communications plan. The retreat should consider the overall marketing objectives of the County, lessons learned from past marketing campaigns, resources available to implement campaigns and seasonality. During the workshop the County should create a content calendar which guides themes and key messages and provides a guideline for year-long content activities.</p> <p>The marketing and communications plan needs to focus on a digital first strategy and capture travel consumers in the planning stage, (while BGS focuses on the dreaming phase). The marketing and communications plan should contain minimal offline elements, rather embracing the tactics of inbound marketing or content marketing. However, the County may consider attending one or two key trade shows, and printing some marketing collateral material.</p> | <ul style="list-style-type: none"> <li>• Plan development (Yes/No)</li> <li>• If yes, industry feedback if a more effective and integrated promotion of the County has taken place in year 1, year 2 and year 3</li> </ul> |



## Pillar 2: Destination Management cont'd

| Recommendation                                       | Key Objective                                                       | Context & Reasoning                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|------------------------------------------------------|---------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 2. Embrace the Brand<br><br><b>Priority Level: 1</b> | Develop a powerful positioning and sales tool for your stakeholders | <p>Currently, the brand is not being used to its full potential in tourism marketing and communications as it could be. With an overwhelming majority of Canadian and American travellers citing a destination's brand as a key driver of visitation, Grey County's tourism potential will be much better achieved with full adoption of the brand positioning and messaging.</p> <p>The brand promise: 'A distinctive history of independent thinking and perseverance has shaped Grey County into a colourful tapestry of unique communities that characterize the spirit of entrepreneurship, leadership and fortitude. Grey County is a Canadian microcosm with a diverse economy, four seasons of stunning vistas, active lifestyles and the luxury of time to enjoy it all.'</p> |

| Steps to Develop: Embrace the Brand                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | How to Measure                                                                                                                                                                                                                                                                                                                      |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p><b>Step 1:</b> This is a powerful brand positioning and should be better communicated, mainly to internal County audiences and industry stakeholders who need to adopt its tenets. The County should use the brand as much as possible - once it stands for something concrete and beneficial in the eyes of the stakeholders, they will begin to use it more proactively too.</p> <p><b>Step 2:</b> The County should make available a usable brand toolkit and guidelines for stakeholders and host a workshop/training session clearly presenting the business case for adoption and usage of the brand. Stakeholders need tangible tools to be able to bring the brand to life.</p> | <ul style="list-style-type: none"> <li>• Number of tourism businesses utilising the brand positioning with their own marketing and communications in year 1, year 2 and year 3. This is a question that should be asked in the Industry Snapshot survey (See next section).</li> <li>• Number of brand toolkit downloads</li> </ul> |



## Pillar 2: Destination Management cont'd

| Recommendation                                                                                                         | Key Objective                  | Context & Reasoning                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|------------------------------------------------------------------------------------------------------------------------|--------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 3. Create a Visiting Friends and Relatives (VFR) Marketing and Communications Campaign<br><br><b>Priority Level: 2</b> | Leverage your best ambassadors | The desk research highlights great potential with courting the VFR hosts in the County. VFR is increasingly seen as a trip trigger, encouraging travel to a specific destination at a specific point in time (e.g., family reunions, weddings, affinity trips, etc.). Additionally, local hosts provide an 'insiders' perspective on the destination which in turn results in high levels of trip satisfaction and recommendations to other friends and family (i.e., creating an advocacy loop). |

| Steps to Develop: Create a Visiting Friends and Relatives (VFR) Marketing and Communications Campaign                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | How to Measure                                                                                                                                                                             |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p><b>Step 1:</b> The County should consider hosting a workshop to share best practices on working with VFR market suppliers, including how to market and communicate to VFR travellers and what products work for this segment. The workshop should look at the different VFR segments (grandparents, out of region friends, etc.).</p> <p><b>Step 2:</b> The County should create on-going incentives for locals in Grey to invite their friends and family to come stay with them. Incentives might include 'Year Passes' to attractions or museums or festivals, hotel discounts for VFR guests, first access to the app (i.e., mentioned previously), and carefully created content for online channels such as 'Ten things to do with your visitors over March Break.'</p> <p><b>Step 3:</b> Based on industry feedback, the County could consider creating a dedicated microsite with curated content and deals directed at this market.</p> | <ul style="list-style-type: none"> <li>• Number of VFR tourists to Grey (as captured by industry snapshot)</li> <li>• Campaign metrics including industry adoption and feedback</li> </ul> |



## Pillar 2: Destination Management cont'd

| Recommendation                                                                            | Key Objective                                                                         | Context & Reasoning                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|-------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>4. Create a Grey County Tourism Mobile Application</p> <p><b>Priority Level: 2</b></p> | <p>Create a robust information portal for travel consumers in the planning phase.</p> | <p>Travel consumers use their mobile technology (i.e., smart phones, and tablets) in all phases of the decision making path to purchase - but especially in the itinerary planning phase. Through social media and the website, the County is already targeting travel consumers in the 'Dreaming' phase, however, providing more tactical planning information (to be used pre-trip and during) in an easy to use mobile app can help support travellers to explore Grey County in more depth and likely improve overall trip satisfaction, resulting in an advocacy loop.</p> |

| Steps to Develop: Create a Grey County Tourism Mobile Application                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | How to Measure                                                                                                                                                                                                                                                                                                                  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p><b>Step 1:</b> In addition to maintaining current investment in infrastructure such as signs and information kiosks, a mobile application can share the information about where these facilities are (i.e., in the case of washrooms, restaurants, visitor centers, etc.) and provide virtual signposts through a mapping function.</p> <p>The app can provide useful and relevant information in an easy to navigate format, namely an inventory of activities in each season, how to book them (if applicable) or how to experience them on their own. It should have a recommendation function (such as 'You might also like,' or 'Restaurants nearby') to encourage repeat and frequent use and viral application.</p> <p>Creation of the actual app should be outsourced to a reputable company (however, based on open-source software), but the content should be curated and collected by the County. This could be done through a crowdsourcing activity (i.e. extensive industry and citizen input).</p> <p>The County should develop an RFP for mobile development and possibly issue it in partnership with University of Toronto's or Waterloo University's Departments of Computer Science.</p> | <ul style="list-style-type: none"> <li>• Number of experiences / accommodations in the app (this indicator depends on the eventual functionality of the app, but ideally we are looking to measure the # of experiences available)</li> <li>• Number of app downloads</li> <li>• Ratings on the App Store from users</li> </ul> |



## Pillar 2: Destination Management cont'd

| Steps to Develop: Create a Grey County Tourism Mobile Application cont'd                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | How to Measure      |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|
| <p><b>Step 2:</b> Once developed and effectively tested internally and with actual travellers (i.e., in a beta format), the app needs to be proactively marketed. Stakeholders should be given the tools to market the app (e.g., stickers that they place in their window), and some budget should be dedicated to an online ad buy and/or promoted via a series of media trips where journalists write about it. In the first instance, the goal is to have the app downloaded and used by Grey residents - they will provide feedback and improve upon the functionality and information. Six months following, the goal should be for resort guests and festival guests to utilise the app. At the start of year 2, the goal should be have it used as a planning tool by new visitors.</p> | (Noted on Page 15.) |

### B) Product Development

| Recommendation                                                                                  | Key Objective                                            | Context & Reasoning                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|-------------------------------------------------------------------------------------------------|----------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>5. Facilitate the Creation of Packages &amp; Itineraries</p> <p><b>Priority Level: 4</b></p> | Differentiate Grey County's tourism products/experiences | <p>A majority of industry stakeholders indicated some level of need for and/or interest in having market-ready packages and itineraries identified and potentially marketed on the County's consumer website. There was a belief that one-off tourism experiences exist in abundance, yet either don't encourage visitors to extend their stay, spend money and/or return to the County. Successful peer and competitor destinations have somewhat overcome these challenges by working with tour operators, attractions and accommodation providers to develop market-ready packages and itineraries.</p> |



## Pillar 2: Destination Management

### Steps to Develop: Facilitate Creation of Packages & Itineraries

**Step 1:** The County should identify at minimum three broad experience categories, such as culinary, adventure, touring, heritage etc. Once these are identified the County, through outreach and consultation with stakeholders, should identify three to five Signature Experiences per broad experience category. To differentiate these experiences they should either be unique compared to what other peer/competitive destinations are offering and/or Grey County should have a high level of brand awareness of the product/experience on offer. These experiences should be structured into itineraries that vary in length (i.e., for Grey County possibly focus on ½ day up to 3 days), leverage natural assets and combine them with activities and products that can be purchased, namely accommodations, dining and festival tickets, gated attractions, guided adventure experiences, etc.

The experiences should be based on research that shows demand for the products among travel consumers. Suggestions for possible Signature Experiences include: snowshoeing/cross-county skiing, hiking and cycling – all activities currently on offer and in demand in the County.

**Step 2:** The County's role would be to identify themes (through stakeholder consultation) and foster relationships and facilitate package development among stakeholders as well as marketing the products and linking to the suppliers who create them. Destination Canada has excellent resources for DMOs, including a step by step approach on how to identify and develop package and itinerary offerings. Some engagement from the County will be needed to entice operators and attraction businesses to buy into the program.

**Step 3:** Once identified, these packages should be launched on the County's consumer website in batches over a three year period.

### How to Measure

- Number of Signature Experience packages and itineraries developed and marketed in year 1, 2 and 3
- Number of operators selling Signature Experiences
- Number of visits to Signature Experiences web pages and length of stay on said pages
- Feedback from operators and attractions engaged in the programme (i.e., informal based on on-going engagement)
- Consumer demand for the packages (determined via web visits to the pages outlining the details of each respective package and itinerary)
- Number of packages sold



## Pillar 2: Destination Management cont'd

| Recommendation                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Key Objective                                                      | Context & Reasoning                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 6. Create a Simple Experiential Outbound Tour Operator Strategy<br><br><b>Priority Level: 4</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Begin to tap into the US market and diversify market opportunities | There is growing interest on the supply and demand side from the US market, especially from the border and near border US states to Ontario. Furthermore, with the current favourable US to Canadian exchange rate, American travellers heading north receive a higher level of value compared to European and Caribbean destinations. Additionally, Destination Canada has recently launched a revised US market strategy with OTMP buying in. There is a resurgence in interest from Canada's travel trade to engage the American market. |
| Steps to Develop: Create a Simple Experiential Outbound Tour Operator Strategy                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                    | How to Measure                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <p><b>Step 1:</b> To take advantage of this, the County should proactively seek to make the business links between US outbound niche tour operator companies and suppliers in Grey County that can offer the experiences these operators are in turn looking to offer their clients (i.e., including being market ready). The County should create a target list of the top 10 US experiential tourism operators, research their products and create specific and tailored pitches. OTMP and Destination Canada can provide support in identifying these operators and helping with making connections.</p> <p><b>Step 2:</b> The fastest way to encourage these operators to sell the destination is to let them experience it. Organising and managing FAM trips is somewhat expensive but can be extremely effective if these operators are properly screened. The FAM trips are to be attended by outbound tour operators, not internal municipalities and stakeholders. The County should investigate partnering with Bruce on this initiative due to Bruce's strong outdoor adventure assets, and target companies servicing nearby US markets (i.e., including possibly Canadian operators with joint operations in the US).</p> <p><b>Step 3:</b> Post FAM trip(s), the County will need to dedicate resources to continuing to engage with these operators including encouraging sustained contact with Grey County tourism businesses. The County's role should be one of facilitator.</p> |                                                                    | <ul style="list-style-type: none"> <li>• Number of tour operators identified</li> <li>• Number of tour operators contacted</li> <li>• Number of operators on FAM Trips</li> <li>• Number of packages being promoted on FAM Trip participants website (post FAM)</li> </ul>                                                                                                                                                                                                                                                                  |



## Pillar 3: Market Research and Tracking

| Recommendation                                               | Key Objective        | Context & Reasoning                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|--------------------------------------------------------------|----------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1. Track Success of the DDAP<br><br><b>Priority Level: 1</b> | Measure your success | <p>For the DDAP to be useful, it needs to be monitored. The County should create a brief scorecard to be updated monthly. This should serve as a reporting on progress made against the various actions in the plan. Once the marketing and communications plan is complete, the quarterly scorecards should report against that as well. The scorecard should be a simple spreadsheet that clearly reflects the work being completed in a given month (using both quantitative and qualitative metrics). A sample scorecard is attached in Annex H.</p> <p>Before adopting the scorecard, the County should review the previous DDAP recommendations and determine what priorities have not yet been accomplished and should continue.</p> |

| Steps to Develop: Track Success of the DDAP                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | How to Measure                                                         |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------|
| <p><b>Step 1:</b> Create a scorecard. The County should review the activities in the DDAP as well as the indicators. The County should ensure it has access to the data sources needed to fill out the sheet. The scorecard can be kept in a central folder for all key team members to view and update.</p> <p><b>Step 2:</b> Update the scorecard in a timely fashion - Not all indicators will register monthly or quarterly progress, but the scorecard should be visited on a frequent basis and updated where possible. Different team members may be assigned different reporting responsibilities, relative to their own activities, however, one team member should be in charge of ensuring the scorecard is complete each month or at minimum quarter.</p> <p><b>Step 3:</b> Share - The team member responsible for ensuring reporting is done on time (we recommend this be assigned to the Tourism Manager) can send out a monthly or quarterly email to the team and Steering Committee to briefly share the past term's results. The email can attach the scorecard, but also pull out key highlights in a bulleted list in the email.</p> | <ul style="list-style-type: none"> <li>Completed scorecards</li> </ul> |



## Pillar 3: Market Research and Tracking cont'd

| Recommendation                                                                                                          | Key Objective                                               | Context & Reasoning                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|-------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>2. Track Key Quantitative and Qualitative Metrics and Economic Impact of Tourism</p> <p><b>Priority Level: 2</b></p> | <p>Provide data of strategic importance to stakeholders</p> | <p>Currently, there is a lack of Grey County specific tourism data, which makes it difficult to understand what the impact of the industry is on the County's economy and overall development. Creating, updating and sharing a dashboard of data on the performance of the tourism industry should help private businesses plan for the future, and build stronger businesses. Furthermore, relevant data on the economic impact of tourism to the County should help make a better case to residents and other government bodies about the importance of the industry and justify prioritisation in funding and investment. Understanding the value of tourism critically informs marketing and product development, both for the public and private sector.</p> <p>The dashboard, a one page, easy to understand document, identifies areas of improvement and areas of weakness, and should be circulated annually with a newsletter to industry stakeholders. The dashboard can be informed by an annual 'Tourism Snapshot.'</p> <p>We have found through doing research for the DDAP, there is a limited amount of information at the Grey level. Therefore, we suggested the creation of an annual 'Tourism Snapshot' to be implemented by the County. The snapshot is a survey that asks stakeholders about the past year. Participation is anonymous and voluntary, but only those who participate will have access to aggregated data.</p> <p>The benefits of this activity will take some time to materialise, as the value of the<br/>           *dashboard requires at least a year's worth of data collection.</p> <p>*See Annex J for a sample dashboard.</p> |



## Pillar 3: Market Research and Tracking cont'd

### Steps to Develop: Track Key Quantitative and Qualitative Metrics and Economic Impact of Tourism

### How to Measure

**Step 1:** The County should host a Tourism Talks for stakeholders to identify what information is the most useful for them, such as:

- Length of Stay
- Customers per year
- Origin of customers
- Full Time Employees
- Part Time Employees
- Percentage of revenue spent on payroll
- Guest expenditure per day
- Percentage of bookings done online
- Top 3 places of origin

- Percentage of stakeholders who take the Tourism Snapshot survey
- Completed dashboards

**Step 2:** Use information from said Tourism Talks to create a dashboard with key metrics to share each year and identify the data source of those metrics. One option is to get data from local, regional, national or international sources. Another is to send out an annual survey to all stakeholders.

**Step 3:** For third party data, the County should reach out to the organisations who control the key data sources (i.e., hotel associations, etc.) and ensure they are able to share the data, in the time intervals required. The importance of sharing data should be effectively communicated with these stakeholders (i.e., the business case).

**Step 4:** The survey should be uploaded to Survey Monkey or a similar platform and actively marketed. This might require dedicating time to calling stakeholders and reminding them to take the survey. If promoted during the summer, summer students could also conduct the survey in person while doing their brochure distribution rounds. Those operators not met in person could complete survey on their own, online.



## Pillar 3: Market Research and Tracking cont'd

| Recommendation                                                                                                                        | Key Objective                                                      | Context & Reasoning                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|---------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>3. Create Profiles of Target Market Audience Groups Using Both Demographics and Psychographics</p> <p><b>Priority Level: 3</b></p> | <p>Provide actionable data and market insights to stakeholders</p> | <p>One of the County's key roles is to have the best understanding and knowledge of the travel consumers who visit. Completing a comprehensive segmentation process will ensure that marketing and communications efforts are targeting groups most interested in the County's products and experiences, on platforms and via messages that most resonate with them.</p> <p>It is important to understand who the visitor to Grey is; where they come from, how old they are, how they travel and also, what they read, how they find their information and ultimately how they make and who influences their purchasing decisions.</p> <p>The understanding of the visitor should be translated into compelling profiles of the target market. A profile sketches out a comprehensive picture of the visitor, and provides a tangible tool that helps both the destination and stakeholders create marketing messages that resonate and products and experiences that match the desires of the market. The information should be disseminated to stakeholders along with useful information and tools to reach them (including partnership opportunities with Grey County).</p> <p>Ultimately, the goal of this recommendation is to provide a tool to accommodation and activity providers.</p> |



## Pillar 3: Market Research and Tracking cont'd

### Steps to Develop: Create Profiles of Target Market Audience Groups Using Both Demographics and Psychographics

### How to Measure

Step 1: The County should host a workshop to identify the segments that are most likely to come to Grey using the Explorer Quotient toolkit from Destination Canada. This toolkit is considered industry leading, easy to understand, available and off the shelf (it has been adopted by many jurisdictions and industry organisations in Canada). The workshop should be facilitated by a professional, ideally one who has experience using the EQ toolkit (a list can be found here:

[http://en.destinationcanada.com/sites/default/files/pdf/Resources/EQ/eqat\\_list\\_en\\_for\\_corp\\_site\\_10017298.pdf](http://en.destinationcanada.com/sites/default/files/pdf/Resources/EQ/eqat_list_en_for_corp_site_10017298.pdf))

Step 2: The County should compile the findings from the workshop to create four to seven target markets for Grey. For each target market, a persona can be created (these can be brainstormed at the workshop and then refined during this stage). Personas are fictional characters that embody all the characteristics of the target market (e.g., Kayak Ken or Hiking Hal). Each persona includes ways that stakeholders can reach that market, including recommendations about media, etc. Recommendations should consider the size and resources of most tourism businesses in Grey.

Step 3: Share - This information comprises a toolkit, which should be uploaded onto the industry website (this is the type of resource that should also be shared via the industry newsletter).

Step 4: Feedback and Case Studies - After six months, the County should send out a survey to all those who participated in the workshop or who downloaded the toolkit. The County should determine how stakeholders have used the toolkit, what was useful and what can be improved. If there are some success stories that merit sharing, the County should consider writing a blog post to share that success with all tourism stakeholders in Grey.

- Presence at workshop
- Downloads of the segmentation toolkit
- Successes arising from using the toolkit



## Pillar 4: Resource Allocation

| Recommendation                                                        | Key Objective                         | Context & Reasoning                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|-----------------------------------------------------------------------|---------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1. Reorganize Tourism Staff Functions<br><br><b>Priority Level: 1</b> | Create most efficient team at County. | The reorganisation of tourism staff functions would likely increase the County's optimal delivery of tourism services. Insufficient staff resources are currently allocated toward stakeholder engagement and industry relations, and therefore this area of delivery is suffering. Too many marketing and communications projects are underway, diluting effectiveness (to be addressed in Creation of Marketing Strategy recommendation). The tourism staff functions should be aligned to better utilise resources. It's noted the Tourism & Economic Development staff work closely together within one department. |

| Steps to Develop: Reorganize Tourism Staff Functions                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | How to Measure                                                   |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------|
| <p><b>Step 1:</b> The Tourism Manager should re-write each Tourism Specialist's Job Description. The outline is as follows:</p> <p><u>Tourism Specialist: Stakeholder Relations &amp; Media Relations</u><br/>           Responsibilities:<br/>           Stakeholder communications (database management, newsletter, *industry website content.); Industry events (Tourism Talks &amp; supplementary industry workshops/events.); Facilitation of package creation; Outbound operator engagement. Total effort: 65% <i>*Industry Listings to be uploaded, updated by industry.</i><br/>           Media relations: Organizing three media FAM tours annually; liaising with media (dissemination of information, responding to inquiries, connecting with operators). Total effort: 35%</p> <p><u>Tourism Specialist: Marketing &amp; Communications</u><br/>           Responsibilities: (Exact responsibilities will depend on development of the marketing plan) Off-line marketing (brochures, maps); On-line Marketing (digital advertising, social media, newsletter); Consumer Website – updates, *events, content; Industry Website – updating with content from Stakeholder Specialist. Total effort: 100% <i>*Event information provided by Industry Relations Tourism Specialist</i></p> | <ul style="list-style-type: none"> <li>Annual reviews</li> </ul> |



## Pillar 4: Resource Allocation cont'd

### 1. Steps to Develop: Reorganize Tourism Staff Functions cont'd

#### How to Measure

#### Step 1: con't

(Noted on Page 25.)

#### Tourism Specialist: Special Projects

#### Responsibilities:

Consumer collateral distribution & inquiries (mail-outs, downloads). Total effort: 20%

Supervise summer students (events, brochure distribution). Total effort: 15%

Special projects (cycling, RideGreyBruce, Grey County App, etc.). Total effort: 45%

Research (dashboard creation, analysis). Total effort: 20%

The Assistant to the Economic Development/Tourism Manager's role should be adjusted to remove large scale projects from the role. The "Oversees the collection and recording of tourism and economic development statistics and tracking; Analyzes information and develops reports for management purposes" should be removed as a key responsibility as this could be managed by the new Tourism Specialist: Special Projects. The intention is to free the Assistant's time to provide more support to the Tourism Manager.

The Tourism Manager's job description should be updated in light of the Economic Development Action Plan, and DDAP Update. It should also be revised to put more emphasis on overseeing the development of current priorities, rather than implementation of them, allowing for more time to provide leadership and guidance to team. I.e: Change "Develop awareness of the Grey County tourism product ..." to "Oversee creation of Marketing Plan." Under this add relevant bullets like "The plan to include marketing campaigns that will enhance and promote tourism and related activities and events throughout the County."

**Step 2:** The Tourism Manager should meet with each Tourism Specialist to review the new job descriptions in detail and discuss and include areas that need adjustment based on their feedback. A determination of those projects they will need to drop or transfer to other team members should be made and the creation of a phase out plan should be completed. It is vital that buy-in from each TS is secured to ensure a cohesive team.



## Pillar 4: Resource Allocation cont'd

| Recommendation                                                        | Key Objective                                                   | Context & Reasoning                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|-----------------------------------------------------------------------|-----------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 2. Invest in Professional Development<br><br><b>Priority Level: 3</b> | Continually build internal capacity and a culture of excellence | <p>There is a mountain of resources available to keep tourism professionals in the know about latest trends, best practices in packaging and marketing, and industry engagement, so there is no need to reinvent the wheel. There is a need to allocate ample time and budget to taking advantage of these resources. Equipping the team with tourism knowledge in the areas of product development, marketing and industry research and trends is essential for the tourism staff to optimally promote Grey County to markets and engage stakeholders.</p> <p>The County should invest in professional development in the form of seminars, conferences, workshops and classes (we recommend Adventure Travel Trade Association's conferences, webinars and Destination Marketing Association International's resources, etc.) for County staff so that they are constantly in the know on key tourism issues, trends and business processes. The County should have access to the latest regional, national and global data and research. This will help the County be a leading advocate and resource for the tourism industry in Grey.</p> |

### Steps to Develop: Invest in Professional Development

### How to Measure

**Step 1:** The County should allocate five hours a month to each Tourism Staff member's work time to spend towards professional development. A budget for professional development should be set aside and the available opportunities communicated with the team. A suggested budget is \$1,000/year per team member, plus additional budget for memberships and research to benefit the tourism team as a whole.

**Step 2:** Ask each team member to set one professional development goal for the year and bring to the table implementable ideas on how to reach that goal. Examples are attending a webinar on digital tourism marketing, engaging tour operators in the US, packaging, tourism research analysis, etc.

**Step 3:** Each Tourism Specialist should present on a pertinent subject at relevant Tourism Talks.

- Number of conferences
- Number of webinars attended by staff
- Number of presentations staff present at Tourism Talks





# Grey County Destination Development Action Plan Update Final Report

Developing a 3-5 year Destination Development Action Plan  
for The County of Grey - ANNEXES

March 31, 2016

## Annex A. The Demand Generators

| Experience                                  | Notes from Research / Stakeholder Survey/Interviews                                                                                                                                                                                                                                                                                                                                      | * Ranking |
|---------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|
| Blue Mountain Cluster                       | Includes Blue Mountain Resort, Blue Mountain Village, Scenic Caves & Scandinave Spa.                                                                                                                                                                                                                                                                                                     | 1         |
| Escarpment/Georgian Bay/Natural Environment | All research and stakeholder engagement shows this is the #1 demand generator in terms of tourist pull. However, strategy to monetize needs to be in place.                                                                                                                                                                                                                              | 1         |
| Cycling                                     | Clearly a strong pull to destination holding large potential. A need for increased routes and signage.                                                                                                                                                                                                                                                                                   | 1         |
| Motorsports                                 | Barely mention in engagement but partnership with RideGreyBruce is effective; should continue. Great way to include less visited areas. Potential to add routes to include more communities.                                                                                                                                                                                             | 2         |
| Fall Colour and Harvest                     | Not mentioned at all in DDAP update stakeholder survey. To bring this experience to market there is a need to develop packages and market these to key markets, including the U.S. One idea is to focus on Harvest season more than Fall as it is a longer duration.                                                                                                                     | 2         |
| Key Festivals and Events                    | Often mentioned in DDAP update survey, including need to improve management and promotion. Note RTO7 Festivals and Events strategy didn't consult Grey and the strategy refers more to 'communities' rather than 'counties.' Grey has many 'large/well-established festivals and events within its jurisdiction and should continue to promote these without duplicating efforts of RTO7 | 2         |
| Watersports                                 | The vast waterway assessment undertaken by RTO7 provides a lot of info about water based resources in the RTO. Currently an under-promoted asset.                                                                                                                                                                                                                                        | 3         |
| Local Food                                  | Agri-tourism and local food quickly risen in ranks and popularity among visitors, and can play key supporting role to main demand generators if understanding as to its competitive nature is appreciated.                                                                                                                                                                               | 3         |

\*Ranking Legend: 1=Brings most overnight stays to region (highest priority.) 3=Brings fewest overnight stays to region (lowest priority.)



# Up & Coming Demand Generators

| Experience      | Notes from Research / Stakeholder Survey/Interviews                                                                                                                                                                                                                                                                                              |
|-----------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Talisman Resort | The Talisman Resort in Grey Highlands was once Ontario's largest ski resort before it closed four years ago and now work is underway to bring it back to life. Plans are to make a destination nature resort and spa, and could become another powerful demand generator. Work to repair is slow and fraught with problems so long-term outlook. |
| Rock Climbing   | The Niagara Escarpment along Grey's Bruce trail boasts many excellent potential rock climbing areas. While this experience hasn't been fully embraced by operators or travellers to date, it has the potential to generate overnight guests similar to the cycling craze we've seen emerge in the last five years.                               |



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## Annex B: Definitions

**Product:** A market-ready activity or service that is delivered to consumers with a moderate level of differentiation, is available to a fairly wide market and is focused more on cost-based pricing or is free. For example, a self-guided culinary touring route or guided interpretive hike through a park.

**Experiential Travel:** Experiential travel engages visitors in a series of memorable travel activities, revealed over time, that are inherently personal, engage the senses, and make connections on an emotional, physical, spiritual, social or intellectual level.

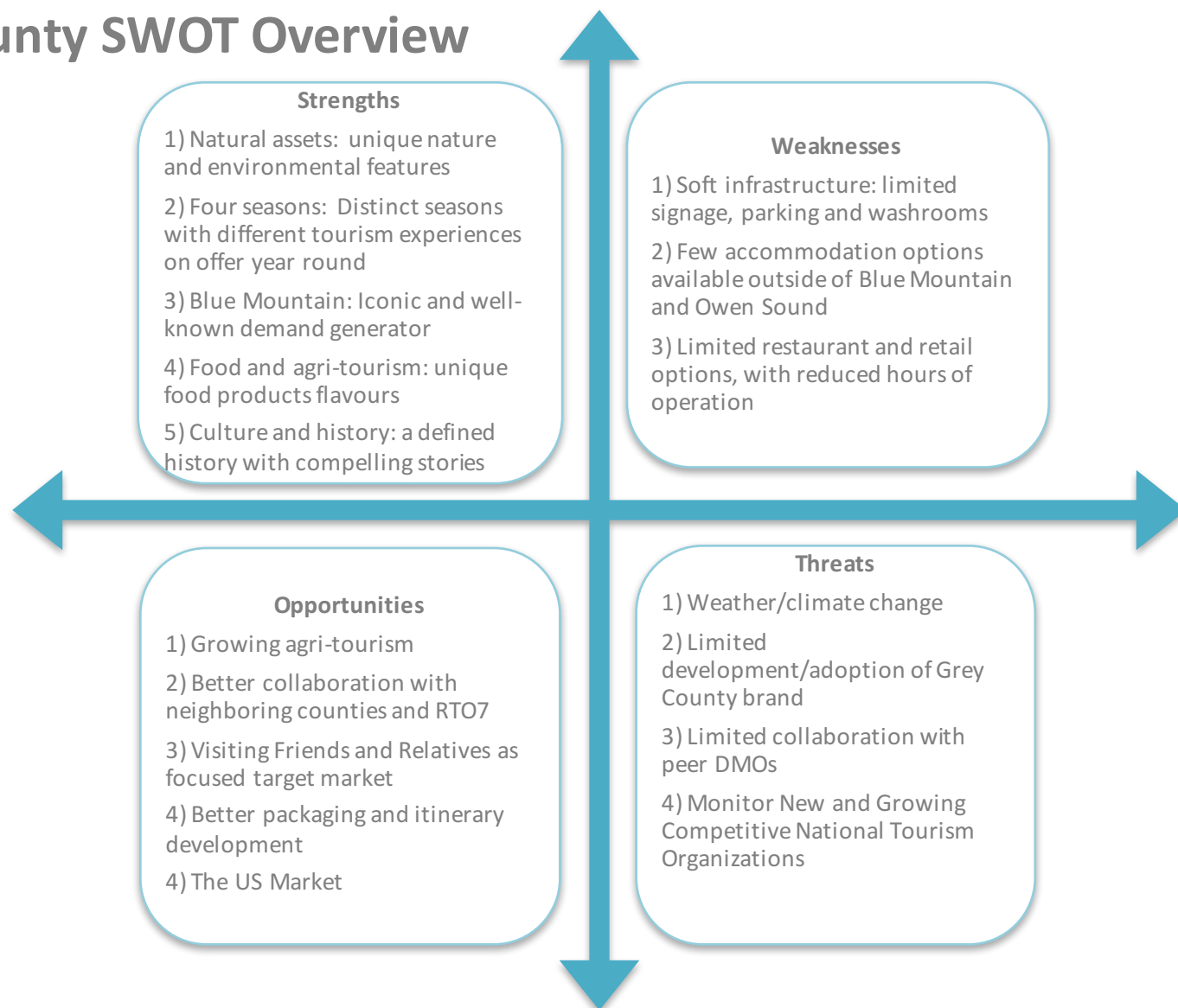
**Itinerary:** An itinerary is an outline of a vacation or holiday, which details the experiences in the order they occur. Itineraries do not need to be priced or available to purchase. They can be used as inspiration, or as the starting point to building a package, and a tool to market the destination and what visitors can do there. Itineraries, like packages, can be one day or multiple days.

**Package:** A tourism or vacation package is the combination of two or more complementary tourism products and/or services that *already exist* into a single-priced offering. Products, services and experiences within a package are selected to match the preferences and needs of a specific group of customers. As a marketing tool, packaging illustrates to potential visitors how unique attractors, experiences, festivals or events may be linked together with accommodation, dining and other elements to provide compelling experiences and a convenient way to purchase travel arrangements. Packaging can help create consumer desire to visit a destination or region.



## Annex C: Grey County SWOT Overview

- Broadly speaking, there was a strong degree of uniformity among stakeholder opinions related to the Strengths and Weaknesses of Grey County's tourism offerings and situation, and Opportunities and Threats facing Grey County, the industry and the brand.
- While myriad comments were communicated, in analysing the outputs of the interviews and surveys, a number of strengths and weaknesses were discounted given the general nature (i.e., 'natural disasters' being a threat) and/or not being a unique competitive asset (i.e., 'the welcoming people' being a strength). As much as possible, unique and specific factors related to Grey County are highlighted.



# What are the strengths of the County?

- **Natural Assets:** Unique nature and environmental features (i.e., geography) – Grey County’s natural environment and conservation areas are unique within the region and Ontario, benefit from some level of higher awareness among travel consumers and are in demand as travel experiences.
- **Four Seasons:** Distinct seasons with different tourism experiences on offer – Grey County can credibly claim to be a four season travel destination.
- **Blue Mountain:** Iconic and well-known demand generator – Blue Mountain draws large numbers of visitors to the region with the great potential for increased dispersal within Grey County.
- **Food and Agri-tourism:** Unique food products flavours – Grey County’s unique food products and agricultural sector with increased investment can become a central tourism experience and draw for regional consumers.
- **Culture and History:** A defined history and interesting cultural mix – Grey County typifies a quintessential Ontario ‘small town’ – a very unique selling feature. Specifically Mennonite culture, and history relating to Marine industry, Underground Railroad and Prohibition.

*“We are very lucky to reside in a region that has rich farm lands, agricultural experiences, vibrant food scenes (culinary offerings) and we have been designated as the next wine region. Growing around all of this are many food focused festivals and events. It is not only inviting 'foodies' to the area, urban residents who wish to eat healthier and get their hands dirty on the farm but drawing in new residents, chefs and hobby farmers.” survey respondent*



# What are the weaknesses of the County?

- **Soft Infrastructure:** Limited signage, parking and washrooms – Grey County's vast area and spread-out tourism assets require more organisation and cohesion to encourage both increased visitor participation and broader dispersal. Additionally, wayfinding becomes increasingly important in the age of GPS navigation and visitor touring.
- **Limited Accommodation:** Limited and/or available accommodation options outside of Blue Mountain and Owen Sound – this is both a perceptual issue and one of consumer understanding of what is on offer and where accommodation resides relative to tourism assets.
- **Limited Restaurant and Retail Availability:** Limited clusters of restaurants, retail and entertainment options with infrequent hours of operation – This limits overall consumer spend and dispersal within the region.

*"The lack of Sunday Shopping, irregular business hours and parking restrictions reduce the economic potential of both the tourist and local markets. Tourist shoppers are not looking for everyday merchandise and Walmart prices. They are looking for the different, or even unique, specialty items that provide a tangible connection to their travel experience and often act as an anchor to their storytelling to family and friends when they get home. In general, they are not as price sensitive as when shopping at home but have a far greater interest in quality; this is a favourable formula for greater margins and economic growth and development."* survey respondent.



# What are the opportunities related to tourism?

- **Growing Agri-tourism** - Agri-tourism (fine dining, farm to table and agriculture related activities) represents one of the fastest growing tourism experiences sought by travel consumers and one where Grey County has a viable and competitive offering.
- **Better Packaging and Itinerary Development** – Travel consumers need a ‘reason’ to visit Grey and now. The effective development and promotion of packages will grow visitation, encourage increased spend and dispersal and build the Grey County brand.
- **Better Collaboration with Neighboring Counties and RTO7** – with limited budget and staff resources to develop and promote the broader region and a consumer base paying limited attention to invisible county borders, partnering at all available opportunities presents one of the greatest paths forward for the sustainable development of Grey County’s tourism economy.
- **The US Market** – with Canada’s exchange rate relative to the US dollar forecast to remain in negative territory for the foreseeable future, Canada presents a favourable tourism destination. Additionally, with Destination Canada’s and OTMP’s increased focus on the US market, Grey County has the opportunity to take advantage of this in the short term and build awareness and grow visitation.

*“Linking activities as experience packages. There are many activities and events held throughout Grey County and by packaging and promoting these as experience packages (including accommodations, activity/event package discounts, etc.) it has the potential to attract more tourists and also engage existing tourists to expand their activity outreach to other parts of the County they may not have otherwise known about or experienced otherwise.” survey respondent.*



# What are the threats related to tourism?

- **Weather/Climate Change:** This presents a real issue for Grey County's key demand generator – Blue Mountain and suggests the importance of rounding out the tourism experience beyond the winter season.
- **Limited Development/Adoption of Grey County Brand** – 6 in 10 travel consumers to and within Canada select where to travel to and what experience to engage in directly related to destination brand messaging. Destination brands and more importantly the adoption of the brand principles and messaging are vital for the successful development of tourism. Without full buy-in and adoption of the brand tenets by Grey County's tourism stakeholders and operators, the County's tourism potential will continue to be delayed. Additionally, other regions within Ontario are moving ahead with adoption of their brand strategies at Grey County's expense (i.e., Prince Edward County, etc.).
- **Limited Collaboration with Peer DMOs** – Grey County's success will only be strengthened through collaboration and partnering with peer DMOs.



## Annex D: The Market Context

- Grey received 1,290, 096 visitors in 2011
- The top four markets include Toronto, Bruce County, Waterloo County and Wellington County
- Half of Grey's visitors spend one night, and half spend only a day
- Top activities are visiting friends and relatives (39.7% stay with friends/family), skiing/snowboarding, golfing, fishing & boating
- Overall, tourists to Grey believe that the destination currently is:
  - A great place to enjoy the trails
  - A great place for outdoor activities
  - A great place for paddling and canoeing
- However, tourists do not believe that Grey is:
  - Great for arts and culture
  - Home to a different culture and way of life
  - Excites their curiosity

*These are all true and real attributes for the destination, but they don't bring in a lot of money on their own.*

*Many survey respondents noted that prioritizing arts, emphasizing the rural way of life was one of the key opportunities for Grey.*

### Target Markets

- Ontario has been and will remain the key source market, but opportunity exists farther afield, especially from U.S. and Asia
- The further away a visitor comes from, the less s/he likely knows about the region: information and packaging are important for these markets
- Stimulating VFR through innovative marketing techniques is an opportunity
- Identify the segments most likely to visit, understand what messages resonate and where they are seeking their information
- Segments with potential: Up & Coming Explorer, Family Memory Builders, Mellow Vacationers

### American Travelers to Canada want:

- Well known natural wonder (27%)
- Food and wine experience (20%)
- Outdoor activities (11%)
- Festivals and Events (14%)



# Annex E: Competitive Analysis

Ultimately, most of Ontario's tourism destinations are promising the same thing (***Nature! Only two hours from Toronto!***) to the same people (***GTA***). If Grey County is going to stand out, it needs to identify what makes it truly special, and then market that thing to the people who are most interested in experiencing it. We looked at a few key competitors and asked:

What are the key products in this region?

- What are there competitive products
- How do they market their destination?
- What can we learn?

| County               | Overview                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Competitive Products                                                                                      | Marketing                                                                                                                                                                                                                                                           | Key Takeaway                    |
|----------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|
| Prince Edward County | <ul style="list-style-type: none"> <li>• Cornered the market on local food</li> <li>• Their success appears to come from a successful move towards creative a <i>creative rural economy</i>, a conscious planning initiative designed to attract residents, but that has benefited tourism enormously. The initiative was based around investing in the quality of the place.</li> <li>• The main outreach mechanism seems to be through 'Tourism Talks' a match-funding advertising program. Often, tourism stakeholders just want financial support and marketing reach – and it looks like PEC has opted to give them just that.</li> </ul> | <ul style="list-style-type: none"> <li>• Food and Wine</li> <li>• Weddings</li> <li>• Artisans</li> </ul> | <p>Website (40k visitors/month)</p> <ul style="list-style-type: none"> <li>• Website is financially self sustaining through ads</li> <li>• French website to attract QC</li> <li>• Social media</li> <li>• Events newsletter</li> <li>• 2016: mobile app</li> </ul> | Focus on competitive advantages |



## Competitive Analysis cont'd

| County              | Overview                                                                                                                                                                                                                                                                          | Competitive Products                                                                                               | Marketing                                                                                                                                                                                                                                                                                                                               | Key Takeaway                                                                                                             |
|---------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|
| Bruce County        | <ul style="list-style-type: none"> <li>Tourism goal is to keep people in Bruce longer and get them to spend more</li> <li>Tourism is paired with agriculture (under the office of Tourism and Ag) – which supports the marketing of rural experiences and agri-tourism</li> </ul> | <ul style="list-style-type: none"> <li>Lake Huron Beaches</li> <li>Bruce Trail</li> </ul>                          | <ul style="list-style-type: none"> <li>Robust search functionality on their site</li> <li>Bruce creates reasons to return like: Adventure Passport – treasure hunt that is updated annually</li> <li>Specialised brochures – focus on cycling</li> <li>Tradeshows</li> <li>Sell promotional material like trail mix and mugs</li> </ul> | Be available to tourists.                                                                                                |
| Niagara On The Lake | <ul style="list-style-type: none"> <li>High brand recognition</li> <li>Target is families and couples</li> </ul>                                                                                                                                                                  | <ul style="list-style-type: none"> <li>Food and wine</li> <li>Meetings (microsite catering to meetings)</li> </ul> | <ul style="list-style-type: none"> <li>Website is full of calls to action to the consumer to: Call us! Email us! Book with Us!</li> <li>Robust package planning functionality</li> </ul>                                                                                                                                                | <p>Develop packages that are easy to plan and book</p> <p>Make it easy for tourists to get the information they need</p> |



# Annex F: Document Review

## The following documents were reviewed in the research phase:

- Grey County Tourism Destination Development Action Plan, 2010 (and all 15 appendices)
- Made in Grey Economic Development Strategy
- Update on Cycling Initiatives, 2014
- Applying Consumer Insights to Attract North American Visitors, 2012
- Grey County Visitor Analysis 2011
- Grey Tourism Cycle Business Survey
- Regional Tourism Organization 2015/16 Business Plan
- Regional Tourism Organization 2015/16 Marketing Plan
- Data Aggregation and Analysis Pilot Project, June 2015
- Georgian Bay International Travel Trade Market Development Plan
- Ontario and RTO7 Tourism Statistics 2012
- Grey County Economic Profile
- Grey County Situational Analysis
- Winter Always in Season BGS Marketing Campaign
- Consumer Insight Research RTO7, 2013
- Building BGS as a Destination for Cycling Tourism
- RTO7 Regional Strategic Plan for Festivals and Events
- RTO7 3 Year Strategic Plan, 2015
- Ontario RTO7 Image Study, 2011
- Waterways Tourism Product Report, 2012
- Waterways Product Assessment, 2011
- Wayfinding Signage Specifications
- Ontario RTO& Winter Leisure Travel Study
- Tourism Workforce Strategy and Labor Market Plan
- Related to DDAP Monitoring:
  - 2012 Priorities Fall Update
  - 2012 Update and 2013 Priorities
  - PCD Report 2013
  - 2013 Update and 2014 Priorities
- Internal Grey documents (budget and job descriptions)
- Various research reports by Adventure Travel Trade Association
- Toolkits by DMAI
- Action Plans and strategy documents by competitive destinations



# Annex G: Sample Questions for Tourism Snapshot

**1. Which category of business are you:**

- Accommodation
- Activity provider
- Restaurant
- Etc.

**2. Which municipality is your business located in?**

**3. How many clients/guests do you have each year?**

**4. What was your annual revenue last year?**

**5. For activity providers and accommodations, what is the average length of stay for your guests?**

**6. How much do guests spend per day with you?**

**7. How many full time employees do you have?**

**8. How many part time employees do you have?**

**9. In what business area did you add the most staff last year?**

- Marketing
- Accounting
- Management
- Guides
- Operations
- Sales
- Other

**10. What percentage of your organizations annual revenue is spent on payroll?**

**11. Where do your guests come from?**

**12. Can people book your product online?**

**13. If yes, what percentage of your bookings are made online?**

**14. How is the outlook for next year?**

**15. What influences that outlook?**

- new products?
- low Canadian dollar?
- decreased overhead
- repeat business
- new customers

**16. Age / Gender / Education of customers**

**17. What is your marketing budget for next year?**

**18. How will you spend that money?**

- Trade events
- Email campaigns
- Social media
- Website
- PR



# Annex H: Sample Tourism Snapshot



## Tourism Dashboard - 2016

These statistics are taken from the Tourism Snapshot survey which compiles anonymous data from our stakeholders.



### About our Tourists

Avg length of stay: 3.5 days

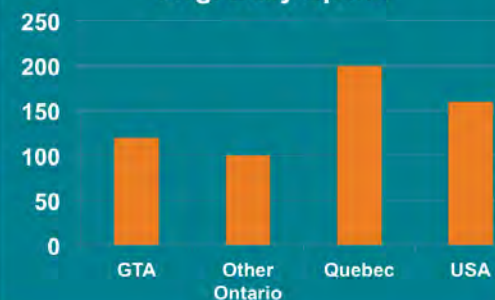
Key source markets:



Most Popular Activities



Avg. Daily Spend



**1. Department / Function: Tourism**

**Details of Project/Study: Tourism Website**

**2. Total Gross Cost of Proposed Capital Project/Study: \$50,000**

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              | \$50,000              |           |                 |

Grey County Tourism launched its updated visitgrey.ca website in May 2015. With the rapid changes in technology a website refresh is proposed in 2020 at an estimated cost of \$50,000. A mobile-friendly tourism app was recommended in 2018 at an estimated cost of \$20,000.

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018     | 2019     | 2020     | 2021     | 2022     | Total            |
|--------------|----------|----------|----------|----------|----------|------------------|
| <b>Gross</b> | \$30,000 | \$10,000 | \$60,000 | \$10,000 | \$10,000 | <b>\$120,000</b> |
| <b>Net</b>   | \$10,000 | \$10,000 | \$10,000 | \$10,000 | \$10,000 | <b>\$50,000</b>  |

**3. Estimated Useful Life: Five Years**

**4. Location of Project/Study (if applicable):**

| Facility Name / Address | Municipality |
|-------------------------|--------------|
|-------------------------|--------------|

**5. Need or Benefit(s) of Project (including safety issues):**

Grey County Tourism completed a major overhaul of its tourism website in 2015, over 10 years from initiation of its website. This project took over 2 years to design, source software and consultants, and a lot of staff time to create and update content. The website is tourism's largest public facing portal and opportunity to promote Grey County, and going forward, it is proposed to do an update and refresh every five years. Some interim investments may also be required, as technology and how people access information, make decisions and purchases is also changing and requires a constant monitoring of trends and opportunities.

The Tourism Destination Development Plan was completed in 2016 and recommends a mobile-friendly app be developed in 2018, with research beginning later in 2017. Without knowing exactly the scope of the app or mobile-friendly website, the project is estimated at \$20,000 and actual costs can be fine-tuned late in 2017.

**6. Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:**

|              | 2017     | 2018     | 2019     | 2020     | 2021     | Total            |
|--------------|----------|----------|----------|----------|----------|------------------|
| <b>Gross</b> | \$10,000 | \$10,000 | \$10,000 | \$60,000 | \$10,000 | <b>\$100,000</b> |
| <b>Net</b>   | \$10,000 | \$10,000 | \$10,000 | \$10,000 | \$10,000 | <b>\$50,000</b>  |

**7. Consequences/Implications of Not Undertaking Project (including alternatives):**

Not updating the tourism website on a regular, scheduled basis diminishes our ability to stay up with current trends and deliver information to our markets in an effective manner. Based on our experience with the recent updating of our website, waiting too long creates additional work in playing catch-up, and our suggestion is to update more frequently in smaller projects that are more easy to handle. A major website update is planned in five years, however interim investments in social media, mobile-friendly information or apps is required to keep current with changing market preferences.

**8. Identify Sources and Amounts of Funding**

|  | To Reserve -<br>Tourism | From Reserve -<br>Tourism |
|--|-------------------------|---------------------------|
|--|-------------------------|---------------------------|

|              | <b>Website</b>  | <b>Website</b>  |
|--------------|-----------------|-----------------|
| 2018         | \$10,000        | \$20,000        |
| 2019         | \$10,000        | \$0             |
| 2020         | \$10,000        | \$50,000        |
| 2021         | \$10,000        | \$0             |
| 2022         | \$10,000        | \$0             |
| <b>Total</b> | <b>\$50,000</b> | <b>\$70,000</b> |

**9. Compliance with Council objective/strategic plan (if applicable):**

Goal 1 of Grey County's Corporate Strategic Plan (2017-19) is to "Grow the Grey County Economy" with supporting Strategic Initiatives to "Implement the Tourism Destination Development Action Plan" and "Development of key sectors including agriculture, small business and tourism."

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

Updating the tourism website is proposed every five years, with \$10,000 put into reserves each year for this purpose. Rather than seek a one-time increase in the budget, the proposed plan would see ongoing annual support transferred to reserve and utilize in the fifth year. In 2018, an anticipated capital cost will be the creation of a mobile-friendly app or website as recommended in the 2016 Tourism Destination Development Action Plan. Involvement of the IT department is critical and will be requested and scheduled accordingly.

## Pillar 2: Destination Management cont'd

| Recommendation                                                                     | Key Objective                                                                  | Context & Reasoning                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|------------------------------------------------------------------------------------|--------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 4. Create a Grey County Tourism Mobile Application<br><br><b>Priority Level: 3</b> | Create a robust information portal for travel consumers in the planning phase. | Travel consumers use their mobile technology (i.e., smart phones, and tablets) in all phases of the decision making path to purchase - but especially in the itinerary planning phase. Through social media and the website, the County is already targeting travel consumers in the 'Dreaming' phase, however, providing more tactical planning information (to be used pre-trip and during) in an easy to use mobile app can help support travellers to explore Grey County in more depth and likely improve overall trip satisfaction, resulting in an advocacy loop. |

| Steps to Develop: Create a Grey County Tourism Mobile Application                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | How to Measure                                                                                                                                                                                                                                                                                                                  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p><b>Step 1:</b> In addition to maintaining current investment in infrastructure such as signs and information kiosks, a mobile application can share the information about where these facilities are (i.e., in the case of washrooms, restaurants, visitor centers, etc.) and provide virtual signposts through a mapping function.</p> <p>The app can provide useful and relevant information in an easy to navigate format, namely an inventory of activities in each season, how to book them (if applicable) or how to experience them on their own. It should have a recommendation function (such as 'You might also like,' or 'Restaurants nearby') to encourage repeat and frequent use and viral application.</p> <p>Creation of the actual app should be outsourced to a reputable company (however, based on open-source software), but the content should be curated and collected by the County. This could be done through a crowdsourcing activity (i.e. extensive industry and citizen input).</p> <p>The County should develop an RFP for mobile development and possibly issue it in partnership with University of Toronto's or Waterloo University's Departments of Computer Science.</p> | <ul style="list-style-type: none"> <li>• Number of experiences / accommodations in the app (this indicator depends on the eventual functionality of the app, but ideally we are looking to measure the # of experiences available)</li> <li>• Number of app downloads</li> <li>• Ratings on the App Store from users</li> </ul> |



## Pillar 2: Destination Management cont'd

### Steps to Develop: Create a Grey County Tourism Mobile Application cont'd

### How to Measure

**Step 2:** Once developed and effectively tested internally and with actual travellers (i.e., in a beta format), the app needs to be proactively marketed. Stakeholders should be given the tools to market the app (e.g., stickers that they place in their window), and some budget should be dedicated to an online ad buy and/or promoted via a series of media trips where journalists write about it. In the first instance, the goal is to have the app downloaded and used by Grey residents - they will provide feedback and improve upon the functionality and information. Six months following, the goal should be for resort guests and festival guests to utilise the app. At the start of year 2, the goal should be have it used as a planning tool by new visitors.

(Noted on Page 15.)

### B) Product Development

| Recommendation                                                                       | Key Objective                                            | Context & Reasoning                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|--------------------------------------------------------------------------------------|----------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 5. Facilitate the Creation of Packages & Itineraries<br><br><b>Priority Level: 4</b> | Differentiate Grey County's tourism products/experiences | A majority of industry stakeholders indicated some level of need for and/or interest in having market-ready packages and itineraries identified and potentially marketed on the County's consumer website. There was a belief that one-off tourism experiences exist in abundance, yet either don't encourage visitors to extend their stay, spend money and/or return to the County. Successful peer and competitor destinations have somewhat overcome these challenges by working with tour operators, attractions and accommodation providers to develop market-ready packages and itineraries. |



**SUMMARY OF FIVE YEAR CAPITAL &  
EXTRA-ORDINARY EXPENDITURES  
Heritage**

| PROJECT                                                                        | 2017<br>Approved<br>Budget | 2018-2022 Five Year Capital & Extra-Ordinary Expenditures |         |         |          |         |          |
|--------------------------------------------------------------------------------|----------------------------|-----------------------------------------------------------|---------|---------|----------|---------|----------|
|                                                                                |                            | 2018                                                      | 2019    | 2020    | 2021     | 2022    | TOTAL    |
| <b>Grey Roots - Capital Improvements to Main Building (BCA)</b>                |                            |                                                           |         |         |          |         |          |
| To Reserve - Grey Roots Building Improvements Reserve                          | 107,000                    | 104,000                                                   | 122,000 | 124,000 | 126,000  | 128,000 | 604,000  |
| <b>Grey Roots - Grey County Gallery Update</b>                                 | 40,000                     | 69,000                                                    | 65,000  | 69,600  | 76,500   | 73,600  | 353,700  |
| From Reserve - Grey Roots - County Exhibit                                     | (40,000)                   |                                                           |         |         |          |         |          |
| To Reserve - Grey Roots - County Exhibit                                       | 16,500                     |                                                           |         |         |          |         |          |
| <b>Grey Roots - Digital Museum / Website</b>                                   | 30,000                     |                                                           |         |         | 30,000   |         | 30,000   |
| From Reserve - Grey Roots - Website                                            | (30,000)                   |                                                           |         |         | (30,000) |         | (30,000) |
| To Reserve - Grey Roots General                                                | 6,000                      | 6,000                                                     | 6,000   | 6,000   | 6,000    | 6,000   | 30,000   |
| <b>Grey Roots - Capital Improvements to - Moreston Village Bldgs</b>           |                            |                                                           |         |         |          |         |          |
| To Reserve - Grey Roots - Building Improvements Reserve                        | 34,400                     | 30,000                                                    | 30,600  | 31,200  | 32,000   | 32,500  | 156,300  |
| <b>Grey Roots - Heritage Building Reserve</b>                                  |                            |                                                           |         |         |          |         |          |
| To Reserve - Heritage building Reserve                                         | 90,500                     | 67,900                                                    | 65,100  | 69,500  | 76,500   | 73,600  | 352,600  |
| <b>Grey Roots - Strategic Plan including Marketing/Fundraising/Sponsorship</b> |                            |                                                           |         |         | 38,000   |         | 38,000   |
| From Reserve - Strategic/Departmental Reviews                                  |                            |                                                           |         |         | (38,000) |         | (38,000) |
| To Reserve - Grey Roots General Reserve                                        | 8,000                      | 10,000                                                    | 10,000  | 10,000  |          | 10,000  | 40,000   |
| <b>Grey Roots - Engineering/Architectural Design Heritage Buildings</b>        | 25,000                     | 24,400                                                    | 25,000  | 20,000  | 20,000   | 20,000  | 109,400  |
| <b>Grey Roots - Fundraising /Sponsorship Plan</b>                              | 15,000                     |                                                           |         |         |          |         |          |

| PROJECT                                                         | 2017<br>Approved<br>Budget | 2018-2022 Five Year Capital & Extra-Ordinary Expenditures |                |                |                |                |                  |
|-----------------------------------------------------------------|----------------------------|-----------------------------------------------------------|----------------|----------------|----------------|----------------|------------------|
|                                                                 |                            | 2018                                                      | 2019           | 2020           | 2021           | 2022           | TOTAL            |
| From Reserve - Grey Roots General                               | (15,000)                   |                                                           |                |                |                |                |                  |
| <b>Grey Roots - Collections Plan Review</b>                     | 5,000                      |                                                           |                |                |                |                |                  |
| <b>Grey Roots - Autoscrubber Floor Cleaner</b>                  | 12,000                     |                                                           |                |                |                |                |                  |
| <b>Grey Roots - Riding Lawn Mower</b>                           | 6,500                      |                                                           |                |                |                |                |                  |
| <b>Grey Roots - Ventilation in Workshop</b>                     |                            | 6,000                                                     |                |                |                |                | 6,000            |
| <b>Grey Roots - Domestic Water Treatment System Replacement</b> |                            |                                                           | 8,200          |                |                |                | 8,200            |
| From Reserve - BCA Reserve for Grey Roots                       |                            |                                                           | (8,200)        |                |                |                | (8,200)          |
| <b>Grey Roots - Carpet Replacement Office/Theatre</b>           |                            |                                                           | 14,400         |                |                |                | 14,400           |
| From Reserve - BCA Reserve for Grey Roots                       |                            |                                                           | (14,400)       |                |                |                | (14,400)         |
| <b>Grey Roots - Sanitary Waste Removal System</b>               |                            |                                                           | 8,200          |                |                |                | 8,200            |
| From Reserve - BCA Reserve for Grey Roots                       |                            |                                                           | (8,200)        |                |                |                | (8,200)          |
| <b>Grey Roots - Flat Roof Replacement</b>                       |                            |                                                           |                |                | 640,000        |                | 640,000          |
| From Reserve - BCA Reserve for Grey Roots                       |                            |                                                           |                |                | (640,000)      |                | (640,000)        |
| <b>NET LEVY REQUIREMENTS</b>                                    | <b>310,900</b>             | <b>317,300</b>                                            | <b>323,700</b> | <b>330,300</b> | <b>337,000</b> | <b>343,700</b> | <b>1,652,000</b> |

**1. Department / Function: Heritage**

**Details of Project/Study: Grey Roots - Capital Improvements to Main Building (BCA)**

**2. Total Gross Cost of Proposed Capital Project/Study: \$583,000**

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              | \$583,000             |           |                 |

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018      | 2019      | 2020      | 2021      | 2022      | Total            |
|--------------|-----------|-----------|-----------|-----------|-----------|------------------|
| <b>Gross</b> | \$104,000 | \$122,000 | \$124,000 | \$126,000 | \$128,000 | <b>\$604,000</b> |
| <b>Net</b>   | \$104,000 | \$122,000 | \$124,000 | \$126,000 | \$128,000 | <b>\$604,000</b> |

**3. Estimated Useful Life:** Ongoing for the life of the building

**4. Location of Project/Study (if applicable):**

| Facility Name / Address       | Municipality                |
|-------------------------------|-----------------------------|
| Grey Roots Museum and Archive | Township of Georgian Bluffs |

**5. Need or Benefit(s) of Project (including safety issues):**

All new buildings soon show signs of aging, and it is important that a plan be established to build funding for the capital maintenance and repairs which will eventually become necessary for the main building, its equipment and roof. As recommended in the 2011 Building Condition Assessment Study, sufficient annual contributions need to be made to reserve in order to ensure adequate funds are available for the replacement of building and equipment components in the future.

**6. Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:**

|              | 2017      | 2018      | 2019      | 2020      | 2021      | Total            |
|--------------|-----------|-----------|-----------|-----------|-----------|------------------|
| <b>Gross</b> | \$107,000 | \$104,000 | \$122,000 | \$124,000 | \$126,000 | <b>\$583,000</b> |
| <b>Net</b>   | \$107,000 | \$104,000 | \$122,000 | \$124,000 | \$126,000 | <b>\$583,000</b> |

**7. Consequences/Implications of Not Undertaking Project (including alternatives):**

Mechanical or structural failures to major components of the building and by not having sufficient funds being set aside will have serious impact on budgets.

**8. Identify Sources and Amounts of Funding**

|      | To Reserve - Grey Roots Building Improvements Reserve | Taxation |
|------|-------------------------------------------------------|----------|
| 2018 | \$104,000                                             | \$0      |
| 2019 | \$122,000                                             | \$0      |
| 2020 | \$124,000                                             | \$0      |
| 2021 | \$126,000                                             | \$0      |
| 2022 | \$128,000                                             | \$0      |

|              |                  |             |
|--------------|------------------|-------------|
| <b>Total</b> | <b>\$604,000</b> | <b>\$ 0</b> |
|--------------|------------------|-------------|

**9. Compliance with Council objective/strategic plan (if applicable):**

1.6 Accelerate the commitment to lifecycle planning for long term investment in county owned capital assets.

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

The commitment to ensuring that adequate funds are available for future capital repairs was ramped up in 2015 in conjunction with repayment of the debenture debt.

The potential for loss of operations, loss of revenue and poor marketability

**1. Department / Function: Heritage**

**Details of Project/Study: Grey Roots - Grey County Gallery Update**

**2. Total Gross Cost of Proposed Capital Project/Study: \$353,700**

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              | \$353,700             |           |                 |

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018     | 2019     | 2020     | 2021     | 2022     | Total            |
|--------------|----------|----------|----------|----------|----------|------------------|
| <b>Gross</b> | \$69,000 | \$65,000 | \$69,600 | \$76,500 | \$73,600 | <b>\$353,700</b> |
| <b>Net</b>   | \$69,000 | \$65,000 | \$69,600 | \$76,500 | \$73,600 | <b>\$353,700</b> |

**3. Estimated Useful Life: 10 - 15 years**

**4. Location of Project/Study (if applicable):**

| Facility Name / Address         | Municipality                |
|---------------------------------|-----------------------------|
| Grey Roots Museum and Archives, | Township of Georgian Bluffs |

**5. Need or Benefit(s) of Project (including safety issues):**

The Grey County Gallery presents the history of Grey County's people, against a backdrop of the County's natural features; its forests, farmlands, waters, and rocks. Presentations are made through static displays, film and hands-on computer stations. The expected life of this exhibit is approximately 10 years and the gallery is in need of renewal. The total cost of the main gallery exhibit at time of construction was \$1,300,000. The Plan for the gallery update will be completed in 2017 and has been assisted by work of architectural technology students from Fanshawe College. Changes will be executed on an annual basis allowing for gradual transition.

**6. Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:**

|              | 2017     | 2018     | 2019     | 2020     | 2021     | Total            |
|--------------|----------|----------|----------|----------|----------|------------------|
| <b>Gross</b> | \$40,000 | \$40,000 | \$40,000 | \$40,000 | \$40,000 | <b>\$200,000</b> |
| <b>Net</b>   | \$40,000 | \$40,000 | \$40,000 | \$40,000 | \$40,000 | <b>\$200,000</b> |

**7. Consequences/Implications of Not Undertaking Project (including alternatives):**

The current exhibit if left static will become outdated and will require extensive funds to change. The public, local residents and members in particular, want to see regular updates to keep their interest and support in attending the museum.

**8. Identify Sources and Amounts of Funding**

|      | Taxation | From Reserve -<br>Grey Roots -<br>County Exhibit | To Reserve -<br>Grey Roots -<br>County Exhibit |
|------|----------|--------------------------------------------------|------------------------------------------------|
| 2018 | \$69,000 | \$0                                              | \$0                                            |
| 2019 | \$65,000 | \$0                                              | \$0                                            |
| 2020 | \$69,600 | \$0                                              | \$0                                            |
| 2021 | \$76,500 | \$0                                              | \$0                                            |
| 2022 | \$73,600 | \$0                                              | \$0                                            |

|              |                  |             |             |
|--------------|------------------|-------------|-------------|
| <b>Total</b> | <b>\$353,700</b> | <b>\$ 0</b> | <b>\$ 0</b> |
|--------------|------------------|-------------|-------------|

**9. Compliance with Council objective/strategic plan (if applicable):**

Goal 3.3 of Corporate Strategic Plan - Champion arts, culture and heritage initiatives that support the sustainability, protection, and enhancement of the natural environment. The community input received in the development of the Corporate Strategic Plan noted that Grey Roots is a highly valued resource and service of the County.

Recommendations from the Interpretive Plan completed in 2009 and the updated business plan in 2013 have also indicated that upgrading and refurbishing of the current exhibits be phased in through the five year capital.

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

In 2017 consulting work will be undertaken to determine the gallery design. The intent is to build the required funding through annual allocations to reserve in the upcoming years. Gallery updates will be undertaken in smaller modules rather than a complete overhaul at once.

There will be ongoing maintenance costs to the exhibit gallery and displays.

**1. Department / Function: Heritage**

**Details of Project/Study: Grey Roots - Digital Museum / Website**

**2. Total Gross Cost of Proposed Capital Project/Study: \$30,000**

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              | \$30,000              |           |                 |

Website redevelopment.

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018    | 2019    | 2020    | 2021     | 2022    | Total           |
|--------------|---------|---------|---------|----------|---------|-----------------|
| <b>Gross</b> | \$6,000 | \$6,000 | \$6,000 | \$36,000 | \$6,000 | <b>\$60,000</b> |
| <b>Net</b>   | \$6,000 | \$6,000 | \$6,000 | \$6,000  | \$6,000 | <b>\$30,000</b> |

**3. Estimated Useful Life: 5 years**

**4. Location of Project/Study (if applicable):**

| Facility Name / Address        | Municipality                |
|--------------------------------|-----------------------------|
| Grey Roots Museum and Archives | Township of Georgian Bluffs |

**5. Need or Benefit(s) of Project (including safety issues):**

To be better prepared for the future Grey Roots needs to embrace new digital technologies as recommended by the business plan. The website is needing a major overhaul to remain current as well as to ensure compliance for accessibility. In addition, embracing the recommendation will also ensure accessibility compliance with the AODA (Accessibility for Ontarians with Disabilities Act), specifically the Customer Service component of this Act, already in effect for public institutions.

Websites are in continual need of renewal. The capital forecast provides for an annual provision to reserve with the website being refreshed every five years.

**6. Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:**

|              | 2017    | 2018    | 2019    | 2020    | 2021     | Total           |
|--------------|---------|---------|---------|---------|----------|-----------------|
| <b>Gross</b> | \$6,000 | \$6,000 | \$6,000 | \$6,000 | \$30,000 | <b>\$54,000</b> |
| <b>Net</b>   | \$6,000 | \$6,000 | \$6,000 | \$6,000 | \$6,000  | <b>\$30,000</b> |

**7. Consequences/Implications of Not Undertaking Project (including alternatives):**

It is imperative to keep the Grey Roots' website current to reflect the present-day trend for visitors who utilize websites and social media in planning their leisure time. By not embracing this recommendation Grey Roots risks losing a large branch of its constituents, primarily youth. Not embracing the recommendation may have an impact on Accessibility compliance with provincial legislation (Customer Service) which is already in effect for public institutions.

**8. Identify Sources and Amounts of Funding**

|      | Taxation | To Reserve - Grey Roots General | To Reserve - Grey Roots General | From Reserve - Grey Roots - Website |
|------|----------|---------------------------------|---------------------------------|-------------------------------------|
| 2018 | \$0      | \$6,000                         | \$0                             | \$0                                 |
| 2019 | \$0      | \$6,000                         | \$0                             | \$0                                 |
| 2020 | \$0      | \$6,000                         | \$0                             | \$0                                 |

|              |            |                 |            |                 |
|--------------|------------|-----------------|------------|-----------------|
| 2021         | \$0        | \$6,000         | \$0        | \$30,000        |
| 2022         | \$0        | \$6,000         | \$0        | \$0             |
| <b>Total</b> | <b>\$0</b> | <b>\$30,000</b> | <b>\$0</b> | <b>\$30,000</b> |

**9. Compliance with Council objective/strategic plan (if applicable):**

Goal 1.6 of Corporate Strategic Plan - Accelerate the commitment to lifecycle planning for long term investment in county owned capital assets. Goal 3.3 of Corporate Strategic Plan - Champion arts, culture and heritage initiatives that support the sustainability, protection, and enhancement of the natural environment. Goal 5.3 Explore innovative ways to more effectively and efficiently deliver services and programs, including consideration of partnerships.

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

There will be ongoing maintenance costs to the exhibit gallery and displays. There may be an impact on the County's Information Technology staff with some of the implementation.

The website is to be refreshed in 2016-7. The transfers to reserve may need to be adjusted in future capital forecasts pending the costs incurred in 2016.

**1. Department / Function: Heritage**

**Details of Project/Study: Grey Roots - Capital Improvements to  
- Moreston Village Bldgs**

**2. Total Gross Cost of Proposed Capital Project/Study: \$178,500**

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              | \$178,500             |           |                 |

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018     | 2019     | 2020     | 2021     | 2022     | Total            |
|--------------|----------|----------|----------|----------|----------|------------------|
| <b>Gross</b> | \$30,000 | \$30,600 | \$31,200 | \$32,000 | \$32,500 | <b>\$156,300</b> |
| <b>Net</b>   | \$30,000 | \$30,600 | \$31,200 | \$32,000 | \$32,500 | <b>\$156,300</b> |

**3. Estimated Useful Life:** Ongoing for the life of the buildings

**4. Location of Project/Study (if applicable):**

| Facility Name / Address      | Municipality                |
|------------------------------|-----------------------------|
| Grey Roots Museum & Archives | Township of Georgian Bluffs |

**5. Need or Benefit(s) of Project (including safety issues):**

Building condition assessments were completed on the period buildings in 2013 as part of the larger study of the County's social housing stock. Based on that analysis, the appropriate amount of funds has been determined and provided for in the five year forecast.

**6. Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:**

|              | 2017     | 2018     | 2019     | 2020     | 2021     | Total            |
|--------------|----------|----------|----------|----------|----------|------------------|
| <b>Gross</b> | \$34,400 | \$35,000 | \$35,700 | \$36,400 | \$37,000 | <b>\$178,500</b> |
| <b>Net</b>   | \$34,400 | \$35,000 | \$35,700 | \$36,400 | \$37,000 | <b>\$178,500</b> |

**7. Consequences/Implications of Not Undertaking Project (including alternatives):**

Mechanical or structural failures to major components of the buildings and not having sufficient funds being set aside will have serious impacts on budgets.

**8. Identify Sources and Amounts of Funding**

|              | To Reserve -<br>Grey Roots -<br>Building<br>Improvements<br>Reserve |
|--------------|---------------------------------------------------------------------|
| 2018         | \$30,000                                                            |
| 2019         | \$30,600                                                            |
| 2020         | \$31,200                                                            |
| 2021         | \$32,000                                                            |
| 2022         | \$32,500                                                            |
| <b>Total</b> | <b>\$156,300</b>                                                    |

**9. Compliance with Council objective/strategic plan (if applicable):**

Goal 1.6 of Corporate Strategic Plan - Accelerate the commitment to lifestyle planning for long term investment in county owned capital assests.

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

The potential for loss of operations,loss of revenue and poor marketability.

Transfers to reserve to meet the needs identified in the building capital assessment (BCA) begin in 2015 in conjunction with the end of the debenture debt.

**1. Department / Function: Heritage**

**Details of Project/Study: Grey Roots - Heritage Building Reserve**

**2. Total Gross Cost of Proposed Capital Project/Study: \$486,800**

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
| \$486,800    |                       |           |                 |

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018     | 2019     | 2020     | 2021     | 2022     | Total            |
|--------------|----------|----------|----------|----------|----------|------------------|
| <b>Gross</b> | \$67,900 | \$65,100 | \$69,500 | \$76,500 | \$73,600 | <b>\$352,600</b> |
| <b>Net</b>   | \$67,900 | \$65,100 | \$69,500 | \$76,500 | \$73,600 | <b>\$352,600</b> |

**3. Estimated Useful Life: Life of Building**

**4. Location of Project/Study (if applicable):**

| Facility Name / Address | Municipality                |
|-------------------------|-----------------------------|
|                         | Township of Georgian Bluffs |

**5. Need or Benefit(s) of Project (including safety issues):**

Moreston Village has a number of buildings that already tell the stories of Grey County. Further buildings are necessary to create the village and tie the stories together. While staff prepare a final Moreston Build plan, money will be put into reserve for the heritage building fund. It is yet to be determined the order of the future buildings until projected costs; and all other factors have been determined. Factors such as heritage programming ability, potential revenue generation, ability to fundraise etc.

**6. Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:**

|              | 2017     | 2018      | 2019     | 2020      | 2021      | Total            |
|--------------|----------|-----------|----------|-----------|-----------|------------------|
| <b>Gross</b> | \$90,500 | \$109,300 | \$81,100 | \$100,900 | \$105,000 | <b>\$486,800</b> |
| <b>Net</b>   | \$90,500 | \$109,300 | \$81,100 | \$100,900 | \$105,000 | <b>\$486,800</b> |

**7. Consequences/Implications of Not Undertaking Project (including alternatives):**

It is prudent to put money to reserve while making the best possible informed decisions about what historic buildings should be built in Moreston. Taking this time will allow Council to make the best decision for the future.

**8. Identify Sources and Amounts of Funding**

|              | To Reserve -<br>Heritage<br>building<br>Reserve |
|--------------|-------------------------------------------------|
| 2018         | \$67,900                                        |
| 2019         | \$65,100                                        |
| 2020         | \$69,500                                        |
| 2021         | \$76,500                                        |
| 2022         | \$73,600                                        |
| <b>Total</b> | <b>\$352,600</b>                                |

**9. Compliance with Council objective/strategic plan (if applicable):**

Goal 3.3. Champion arts, culture and heritage initiatives that support the sustainability, protection and enhancement of the natural environment. The community input received in the development of the corporate strategic plan noted that Grey Roots is a highly valued resource and service of the County.

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

Regular capital maintenance costs will need to be included in the levy. Additional revenues should be generated.

Additional buildings do put pressure on staff for maintenance and continued support of volunteers is critical to the success of programming the heritage village.

**1. Department / Function: Heritage**

**Details of Project/Study: Grey Roots - Strategic Plan including Marketing/Fundraising/Sponsorship**

**2. Total Gross Cost of Proposed Capital Project/Study: \$40,000**

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              | \$40,000              |           |                 |

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018     | 2019     | 2020     | 2021     | 2022     | Total           |
|--------------|----------|----------|----------|----------|----------|-----------------|
| <b>Gross</b> | \$10,000 | \$10,000 | \$10,000 | \$38,000 | \$10,000 | <b>\$78,000</b> |
| <b>Net</b>   | \$10,000 | \$10,000 | \$10,000 | \$0      | \$10,000 | <b>\$40,000</b> |

**3. Estimated Useful Life: 5 years**

**4. Location of Project/Study (if applicable):**

| Facility Name / Address | Municipality                |
|-------------------------|-----------------------------|
| Grey Roots              | Township of Georgian Bluffs |

**5. Need or Benefit(s) of Project (including safety issues):**

In order to remain current, responsive and effective regular updates to Grey Roots' strategic plan are necessary. Staff, volunteer and community involvement is required to develop the best product to ensure Grey Roots thrives for future generations. The museum, archives and living history site, need one cohesive, achievable and inclusive clear plan for the future.

**6. Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:**

|              | 2017    | 2018    | 2019    | 2020    | 2021     | Total           |
|--------------|---------|---------|---------|---------|----------|-----------------|
| <b>Gross</b> | \$8,000 | \$8,000 | \$8,000 | \$8,000 | \$40,000 | <b>\$72,000</b> |
| <b>Net</b>   | \$8,000 | \$8,000 | \$8,000 | \$8,000 | \$8,000  | <b>\$40,000</b> |

**7. Consequences/Implications of Not Undertaking Project (including alternatives):**

If strategies are not aligned and planning becomes derailed Grey Roots risks not moving forward in a fiscally responsible manner. Grey Roots' excellent quality of museological and archival services may be at risk.

**8. Identify Sources and Amounts of Funding**

|              | From Reserve -<br>Strategic/Departmental<br>Reviews | To Reserve -<br>Grey Roots<br>General Reserve | Taxation   |
|--------------|-----------------------------------------------------|-----------------------------------------------|------------|
| 2018         | \$0                                                 | \$10,000                                      | \$0        |
| 2019         | \$0                                                 | \$10,000                                      | \$0        |
| 2020         | \$0                                                 | \$10,000                                      | \$0        |
| 2021         | \$38,000                                            | \$0                                           | \$0        |
| 2022         | \$0                                                 | \$10,000                                      | \$0        |
| <b>Total</b> | <b>\$38,000</b>                                     | <b>\$40,000</b>                               | <b>\$0</b> |

**9. Compliance with Council objective/strategic plan (if applicable):**

Goal 3.3 - Champion arts, culture and heritage initiatives that promote and enhance Grey County's rich creativity and history.

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

An updated business and marketing plan will ensure that human and financial resources are directed strategically in accordance with defined objectives.

The Five Year Forecast has been developed on the premise of equalizing the funding necessary for five year updates to the strategic plan. This minimizes the impact on the levy and/or eliminates the necessity of requesting access to the One Time Reserve.

**1. Department / Function: Heritage**

**Details of Project/Study: Grey Roots -**

**Pre-Engineering/Architectural Design Heritage Buildings**

**2. Total Gross Cost of Proposed Capital Project/Study: \$100,900**

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              | \$100,900             |           |                 |

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018     | 2019     | 2020     | 2021     | 2022     | Total            |
|--------------|----------|----------|----------|----------|----------|------------------|
| <b>Gross</b> | \$24,400 | \$25,000 | \$20,000 | \$20,000 | \$20,000 | <b>\$109,400</b> |
| <b>Net</b>   | \$24,400 | \$25,000 | \$20,000 | \$20,000 | \$20,000 | <b>\$109,400</b> |

**3. Estimated Useful Life:**

**4. Location of Project/Study (if applicable):**

| Facility Name / Address | Municipality                |
|-------------------------|-----------------------------|
| Grey Roots              | Township of Georgian Bluffs |

**5. Need or Benefit(s) of Project (including safety issues):**

Plans are underway to finalize the layout of Moreston Heritage Village. A number of buildings currently exist, however; others are needed to complete the village. As funds are being set aside annually for the building development, it's important to also include funds to complete the architectural drawings and any necessary engineering so that future Capital Forecasts will include more complete estimates for future development. Better estimates will also assist in fundraising efforts.

**6. Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:**

|              | 2017     | 2018     | 2019     | 2020     | 2021     | Total            |
|--------------|----------|----------|----------|----------|----------|------------------|
| <b>Gross</b> | \$25,000 | \$15,000 | \$30,900 | \$15,000 | \$15,000 | <b>\$100,900</b> |
| <b>Net</b>   | \$25,000 | \$15,000 | \$30,900 | \$15,000 | \$15,000 | <b>\$100,900</b> |

**7. Consequences/Implications of Not Undertaking Project (including alternatives):**

It's important for Council, staff and the community to have a firm understanding of the specific costs of constructing a particular building. Undertaking a project too early without this understanding can lead to delays, unanticipated budget impacts and potential loss of community support.

**8. Identify Sources and Amounts of Funding**

|              | Taxation         |
|--------------|------------------|
| 2018         | \$24,400         |
| 2019         | \$25,000         |
| 2020         | \$20,000         |
| 2021         | \$20,000         |
| 2022         | \$20,000         |
| <b>Total</b> | <b>\$109,400</b> |

**9. Compliance with Council objective/strategic plan (if applicable):**

3.3 - Champion arts, culture and heritage initiatives that promote and enhance Grey County's rich creativity and history.

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

Completion of architectural drawings and pre-engineering for future heritage buildings will ensure that future capital forecasts are constructed using better cost estimates. Additionally, better cost estimates will inform and provide direction for fundraising campaigns for capital projects.

**1. Department / Function: Heritage**

**Details of Project/Study: Grey Roots - Ventilation in Workshop**

**2. Total Gross Cost of Proposed Capital Project/Study: \$6,000**

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              |                       | \$6,000   |                 |

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018    | 2019 | 2020 | 2021 | 2022 | Total          |
|--------------|---------|------|------|------|------|----------------|
| <b>Gross</b> | \$6,000 | \$0  | \$0  | \$0  | \$0  | <b>\$6,000</b> |
| <b>Net</b>   | \$6,000 | \$0  | \$0  | \$0  | \$0  | <b>\$6,000</b> |

**3. Estimated Useful Life:**

**4. Location of Project/Study (if applicable):**

| Facility Name / Address       | Municipality                |
|-------------------------------|-----------------------------|
| Grey Roots Museum and Archive | Township of Georgian Bluffs |

**5. Need or Benefit(s) of Project (including safety issues):**

This will allow the steam engines to be operated within their storage facility thus allowing the steam engine not having to be moved to outside weather to operate during repair and maintenance.

**6. Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:**

|              | 2017 | 2018 | 2019 | 2020 | 2021 | Total      |
|--------------|------|------|------|------|------|------------|
| <b>Gross</b> | \$0  | \$0  | \$0  | \$0  | \$0  | <b>\$0</b> |
| <b>Net</b>   | \$0  | \$0  | \$0  | \$0  | \$0  | <b>\$0</b> |

**7. Consequences/Implications of Not Undertaking Project (including alternatives):**

Continuing to move the steam engine outside allows them to be exposed to the elements and allows for greater contrast in temperatures which may lead to cracking of the boilers.

**8. Identify Sources and Amounts of Funding**

|              | Taxation       |
|--------------|----------------|
| 2018         | \$6,000        |
| 2019         | \$0            |
| 2020         | \$0            |
| 2021         | \$0            |
| 2022         | \$0            |
| <b>Total</b> | <b>\$6,000</b> |

**9. Compliance with Council objective/strategic plan (if applicable):**

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

**1. Department / Function: Heritage**

**Details of Project/Study: Grey Roots - Domestic Water Treatment System Replacement**

**2. Total Gross Cost of Proposed Capital Project/Study: \$8,200**

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              |                       | \$8,200   |                 |

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018 | 2019    | 2020 | 2021 | 2022 | Total          |
|--------------|------|---------|------|------|------|----------------|
| <b>Gross</b> | \$0  | \$8,200 | \$0  | \$0  | \$0  | <b>\$8,200</b> |
| <b>Net</b>   | \$0  | \$0     | \$0  | \$0  | \$0  | <b>\$0</b>     |

**3. Estimated Useful Life: 15 years**

**4. Location of Project/Study (if applicable):**

| Facility Name / Address        | Municipality                |
|--------------------------------|-----------------------------|
| Grey Roots Museum and Archives | Township of Georgian Bluffs |

**5. Need or Benefit(s) of Project (including safety issues):**

The existing water treatment equipment is recommended to be replaced in 2019 as recommended by the Building Condition Assessment conducted in 2011.

**6. Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:**

|              | 2017 | 2018 | 2019    | 2020 | 2021 | Total          |
|--------------|------|------|---------|------|------|----------------|
| <b>Gross</b> | \$0  | \$0  | \$8,202 | \$0  | \$0  | <b>\$8,202</b> |
| <b>Net</b>   | \$0  | \$0  | \$0     | \$0  | \$0  | <b>\$0</b>     |

**7. Consequences/Implications of Not Undertaking Project (including alternatives):**

Failure to replace the equipment will result in poor water quality which could present a health and safety risk for staff and public using the water if the water is not treated properly. The water must meet Ontario Regulation 319/08 standards in order to provide safe drinking water for public use.

**8. Identify Sources and Amounts of Funding**

|              | From Reserve -<br>BCA Reserve for<br>Grey Roots |
|--------------|-------------------------------------------------|
| 2018         | \$0                                             |
| 2019         | \$8,200                                         |
| 2020         | \$0                                             |
| 2021         | \$0                                             |
| 2022         | \$0                                             |
| <b>Total</b> | <b>\$8,200</b>                                  |

**9. Compliance with Council objective/strategic plan (if applicable):**

Accelerate the commitment to lifecycle planning for long term investment in county owned capital assets.

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

This expenditure was identified in the 2011 Building Condition Assessment and annual reserves have been set to ensure funding is available for necessary capital repairs. This minimizes fluctuations in the levy.

**1. Department / Function: Heritage**

**Details of Project/Study: Grey Roots - Carpet Replacement  
Office/Theatre**

**2. Total Gross Cost of Proposed Capital Project/Study: \$14,400**

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              | \$14,400              |           |                 |

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018 | 2019     | 2020 | 2021 | 2022 | Total           |
|--------------|------|----------|------|------|------|-----------------|
| <b>Gross</b> | \$0  | \$14,400 | \$0  | \$0  | \$0  | <b>\$14,400</b> |
| <b>Net</b>   | \$0  | \$0      | \$0  | \$0  | \$0  | <b>\$0</b>      |

**3. Estimated Useful Life: 15 years**

**4. Location of Project/Study (if applicable):**

| Facility Name / Address        | Municipality                |
|--------------------------------|-----------------------------|
| Grey Roots Museum and Archives | Township of Georgian Bluffs |

**5. Need or Benefit(s) of Project (including safety issues):**

The existing carpet has a lifecycle of 15 years. It has been determined by the Building Condition Assessment conducted in 2011 that the carpeting should be replaced in 2019.

**6. Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:**

|              | 2017 | 2018 | 2019     | 2020 | 2021 | Total           |
|--------------|------|------|----------|------|------|-----------------|
| <b>Gross</b> | \$0  | \$0  | \$14,353 | \$0  | \$0  | <b>\$14,353</b> |
| <b>Net</b>   | \$0  | \$0  | \$0      | \$0  | \$0  | <b>\$0</b>      |

**7. Consequences/Implications of Not Undertaking Project (including alternatives):**

Failure to replace the carpets could result in trip hazards cause by running of the material as the carpet ages. Cleaning efforts could be hampered due to age and wear in high traffic areas. Carpet in the theatre has started to show signs of wear.

**8. Identify Sources and Amounts of Funding**

|              | From Reserve -<br>BCA Reserve for<br>Grey Roots |
|--------------|-------------------------------------------------|
| 2018         | \$0                                             |
| 2019         | \$14,400                                        |
| 2020         | \$0                                             |
| 2021         | \$0                                             |
| 2022         | \$0                                             |
| <b>Total</b> | <b>\$14,400</b>                                 |

**9. Compliance with Council objective/strategic plan (if applicable):**

Accelerate the commitment to lifecycle planning for long term investment in county owned capital assets

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

Annual funding to reserves based on the Building Condition Assessment Report ensures that when the necessary capital repairs are necessary the funding is available. This avoids fluctuations in the levy and surprise capital expenditures.

**1. Department / Function: Heritage**

**Details of Project/Study: Grey Roots - Sanitary Waste Removal System**

**2. Total Gross Cost of Proposed Capital Project/Study: \$8,200**

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              | \$8,200               |           |                 |

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018 | 2019    | 2020 | 2021 | 2022 | Total          |
|--------------|------|---------|------|------|------|----------------|
| <b>Gross</b> | \$0  | \$8,200 | \$0  | \$0  | \$0  | <b>\$8,200</b> |
| <b>Net</b>   | \$0  | \$0     | \$0  | \$0  | \$0  | <b>\$0</b>     |

**3. Estimated Useful Life: 15 years**

**4. Location of Project/Study (if applicable):**

| Facility Name / Address        | Municipality                |
|--------------------------------|-----------------------------|
| Grey Roots Museum and Archives | Township of Georgian Bluffs |

**5. Need or Benefit(s) of Project (including safety issues):**

The existing sanitary waste pumps have been in service since 2004. The recommendations of the Building Condition Assessment performed in 2011 is to replace the two sanitary waste pumps on a 15 year lifecycle.

**6. Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:**

|              | 2017 | 2018 | 2019    | 2020 | 2021 | Total          |
|--------------|------|------|---------|------|------|----------------|
| <b>Gross</b> | \$0  | \$0  | \$8,202 | \$0  | \$0  | <b>\$8,202</b> |
| <b>Net</b>   | \$0  | \$0  | \$0     | \$0  | \$0  | <b>\$0</b>     |

**7. Consequences/Implications of Not Undertaking Project (including alternatives):**

Failure to replace these pumps as recommended by the Building Condition Assessment could risk failure of the sanitation and wastewater system resulting in backup damage to the building and its contents and/or environmental damage to the surrounding land and ground water sources.

**8. Identify Sources and Amounts of Funding**

|              | From Reserve -<br>BCA Reserve for<br>Grey Roots |
|--------------|-------------------------------------------------|
| 2018         | \$0                                             |
| 2019         | \$8,200                                         |
| 2020         | \$0                                             |
| 2021         | \$0                                             |
| 2022         | \$0                                             |
| <b>Total</b> | <b>\$8,200</b>                                  |

**9. Compliance with Council objective/strategic plan (if applicable):**

Accelerate the commitment to lifecycle planning for long term investment in county owned capital assets

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

The funding necessary for this project has been set aside in the Building Condition Assessment Reserve for this purpose.

**1. Department / Function: Heritage**

**Details of Project/Study: Grey Roots - Flat Roof Replacement**

**2. Total Gross Cost of Proposed Capital Project/Study: \$640,000**

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              | \$640,000             |           |                 |

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018 | 2019 | 2020 | 2021      | 2022 | Total            |
|--------------|------|------|------|-----------|------|------------------|
| <b>Gross</b> | \$0  | \$0  | \$0  | \$640,000 | \$0  | <b>\$640,000</b> |
| <b>Net</b>   | \$0  | \$0  | \$0  | \$0       | \$0  | <b>\$0</b>       |

**3. Estimated Useful Life: 20 years**

**4. Location of Project/Study (if applicable):**

| Facility Name / Address        | Municipality                |
|--------------------------------|-----------------------------|
| Grey Roots Museum and Archives | Township of Georgian Bluffs |

**5. Need or Benefit(s) of Project (including safety issues):**

The existing roofing system is scheduled to be replaced in 2021 as recommended by the Building Condition Assessment that was conducted in 2011. The expected lifecycle of the roofing system is 20 years. There has been some patching and roof repairs completed over the years as a result of storm damage in 2009 and regular wear as the roof ages.

**6. Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:**

|              | 2017 | 2018 | 2019 | 2020 | 2021      | Total            |
|--------------|------|------|------|------|-----------|------------------|
| <b>Gross</b> | \$0  | \$0  | \$0  | \$0  | \$639,972 | <b>\$639,972</b> |
| <b>Net</b>   | \$0  | \$0  | \$0  | \$0  | \$0       | <b>\$0</b>       |

**7. Consequences/Implications of Not Undertaking Project (including alternatives):**

Failure to replace the roof as per recommended lifecycle could result in water penetration into the structural elements of the building as well as the risk of damaging the physical and archival collections. Each year this project will be reviewed to determine if the roof replacement needs to be accelerated or if it can wait longer.

There may be a benefit of tendering the project in one year and completing it over two to minimize the impact on the operation of Grey Roots.

**8. Identify Sources and Amounts of Funding**

|              | From Reserve -<br>BCA Reserve for<br>Grey Roots |
|--------------|-------------------------------------------------|
| 2018         | \$0                                             |
| 2019         | \$0                                             |
| 2020         | \$0                                             |
| 2021         | \$640,000                                       |
| 2022         | \$0                                             |
| <b>Total</b> | <b>\$640,000</b>                                |

**9. Compliance with Council objective/strategic plan (if applicable):**

Accelerate the commitment to lifecycle planning for long term investment in county owned capital assets.

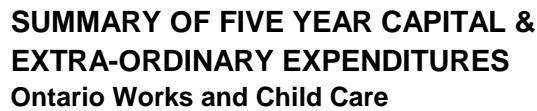
**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

The roof replacement was anticipated in the Building Condition Assessment. This is a large expenditure and will place the reserve in a negative balance for a few years. This is anticipated in the analysis and recommended annual funding to reserve.



**SUMMARY OF FIVE YEAR CAPITAL &  
EXTRA-ORDINARY EXPENDITURES**  
Social Services Summary

| COMMITTEE/FUNCTION                   | 2017<br>Approved<br>Budget | 2018-2022 Five Year Capital & Extra-Ordinary Expenditures |                  |                  |                  |                  |                   |
|--------------------------------------|----------------------------|-----------------------------------------------------------|------------------|------------------|------------------|------------------|-------------------|
|                                      |                            | 2018                                                      | 2019             | 2020             | 2021             | 2022             | TOTAL             |
| Ontario Works and Child Care         | 43,600                     | 43,600                                                    | 43,600           | 43,600           | 43,600           | 43,600           | 218,000           |
| Housing                              | 1,316,278                  | 1,342,604                                                 | 1,369,456        | 1,396,845        | 1,424,782        | 1,453,277        | 6,986,964         |
| Grey Gables                          | 195,234                    | 208,658                                                   | 222,753          | 237,552          | 253,091          | 269,407          | 1,191,461         |
| Grey Gables - Debenture Payments     | 73,234                     | 73,234                                                    | 73,234           | 73,234           | 73,234           | 73,234           | 366,170           |
| Lee Manor                            | 212,727                    | 219,109                                                   | 225,682          | 232,452          | 239,426          | 246,609          | 1,163,278         |
| Rockwood Terrace                     | 310,689                    | 320,009                                                   | 329,610          | 339,498          | 349,683          | 360,173          | 1,698,973         |
| Long Term Care Redevelopment         | 1,361,010                  | 1,361,010                                                 | 1,361,010        | 0                |                  |                  | 2,722,020         |
| Long Term Care Redevelopment - Deben |                            |                                                           |                  | 1,316,093        | 1,316,093        | 1,316,093        | 3,948,279         |
| <b>NET LEVY REQUIREMENTS</b>         | <b>3,512,772</b>           | <b>3,568,224</b>                                          | <b>3,625,345</b> | <b>3,639,274</b> | <b>3,699,909</b> | <b>3,762,393</b> | <b>18,295,145</b> |

[illegible]

**1. Department / Function: Social Services**

**Details of Project/Study: Computers/Printers/Monitors Replacements**

**2. Total Gross Cost of Proposed Capital Project/Study: \$150,500**

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              |                       | \$150,500 |                 |

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018    | 2019     | 2020      | 2021    | 2022    | Total            |
|--------------|---------|----------|-----------|---------|---------|------------------|
| <b>Gross</b> | \$3,500 | \$38,800 | \$101,200 | \$3,500 | \$3,500 | <b>\$150,500</b> |
| <b>Net</b>   | \$0     | \$0      | \$0       | \$0     | \$0     | <b>\$0</b>       |

**3. Estimated Useful Life: 5 years for Laptops, 5 years for Desktops, 7 years for Monitors**

**4. Location of Project/Study (if applicable):**

| Facility Name / Address                  | Municipality       |
|------------------------------------------|--------------------|
| 595 9th Avenue East, Owen Sound, Ontario | City of Owen Sound |

**5. Need or Benefit(s) of Project (including safety issues):**

For staff to be productive and efficient, the computer equipment they use on a daily basis must be current and in good working order. Keeping equipment up to date also minimizes support costs for the IT department.

**6. Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:**

|              | 2017    | 2018    | 2019     | 2020     | 2021    | Total            |
|--------------|---------|---------|----------|----------|---------|------------------|
| <b>Gross</b> | \$3,500 | \$3,500 | \$36,150 | \$95,500 | \$3,500 | <b>\$142,150</b> |
| <b>Net</b>   | \$0     | \$0     | \$0      | \$0      | \$0     | <b>\$0</b>       |

**7. Consequences/Implications of Not Undertaking Project (including alternatives):**

Once the warranty is complete on computer hardware, all hardware failures will become expensive and repairs will create a burden on IT staff time. Keeping computer hardware current on a roll over schedule keeps equipment from becoming severely outdated. In addition to the regular computer replacement, an annual amount of \$3,500 is budgeted for miscellaneous computer related purchases.

**8. Identify Sources and Amounts of Funding**

|              | From Reserve -<br>Computer<br>Replacement<br>Reserve |
|--------------|------------------------------------------------------|
| 2018         | \$3,500                                              |
| 2019         | \$38,800                                             |
| 2020         | \$101,200                                            |
| 2021         | \$3,500                                              |
| 2022         | \$3,500                                              |
| <b>Total</b> | <b>\$150,500</b>                                     |

**9. Compliance with Council objective/strategic plan (if applicable):**

The regular replacement of computer hardware based on a schedule of useful lives demonstrates a commitment to lifecycle planning for long term investment in county owned capital assets.

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

This project involves the replacement of computer equipment based on their useful life. 18 Social services laptops are scheduled for replacement in 2019. 57 Desktops are to be replaced in 2020 along with 113 monitors. The time required for builds on new computers will be coordinated with the IT Department.

**1. Department / Function: Social Services**

**Details of Project/Study: Ontario Early Years Centre Capital Improvements (BCA)**

**2. Total Gross Cost of Proposed Capital Project/Study: \$93,000**

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              |                       |           | \$93,000        |

Annual contribution to reserve to fund future capital expenditures for the Ontario Early Years Centre building.

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018     | 2019     | 2020     | 2021     | 2022     | Total           |
|--------------|----------|----------|----------|----------|----------|-----------------|
| <b>Gross</b> | \$18,600 | \$18,600 | \$18,600 | \$18,600 | \$18,600 | <b>\$93,000</b> |
| <b>Net</b>   | \$18,600 | \$18,600 | \$18,600 | \$18,600 | \$18,600 | <b>\$93,000</b> |

**3. Estimated Useful Life:**

**4. Location of Project/Study (if applicable):**

| Facility Name / Address          | Municipality    |
|----------------------------------|-----------------|
| 519 9th Street, Hanover, Ontario | Town of Hanover |

**5. Need or Benefit(s) of Project (including safety issues):**

An annual contribution to a reserve specifically to fund upcoming and future capital needs of the Ontario Early Years Centre began in 2013. The building was constructed in 1976 and as indicated in the 2011 Building Condition Assessment study, a number of significant equipment replacements and property repairs will be necessary throughout the next twenty years.

**6. Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:**

|              | 2017     | 2018     | 2019     | 2020     | 2021     | Total           |
|--------------|----------|----------|----------|----------|----------|-----------------|
| <b>Gross</b> | \$18,600 | \$18,600 | \$18,600 | \$18,600 | \$18,600 | <b>\$93,000</b> |
| <b>Net</b>   | \$18,600 | \$18,600 | \$18,600 | \$18,600 | \$18,600 | <b>\$93,000</b> |

**7. Consequences/Implications of Not Undertaking Project (including alternatives):**

If funds are not set aside each year into a reserve with the purpose of funding future Ontario Early Years Centre capital expenditures, the annual capital budget levy will experience significant increases in the years when major capital projects are necessary.

**8. Identify Sources and Amounts of Funding**

|      | To Reserve - Ontario Early Years Capital Reserve |
|------|--------------------------------------------------|
| 2018 | \$18,600                                         |
| 2019 | \$18,600                                         |
| 2020 | \$18,600                                         |
| 2021 | \$18,600                                         |
| 2022 | \$18,600                                         |

|              |                 |
|--------------|-----------------|
| <b>Total</b> | <b>\$93,000</b> |
|--------------|-----------------|

**9. Compliance with Council objective/strategic plan (if applicable):**

An annual transfer to reserve will assist in offsetting future capital costs of maintaining the Ontario Early Years Centre. The regular and planned maintenance of the building and replacement of equipment demonstrates a commitment to the lifecycle planning for long-term investment in county-owned capital assets.

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

**1. Department / Function: Social Services**

**Details of Project/Study: Ontario Early Years Centre  
Accessibility Renovations**

**2. Total Gross Cost of Proposed Capital Project/Study: \$250,000**

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              |                       |           | \$250,000       |

Annual contribution of \$25,000 to reserve to fund future accessibility related costs at the Ontario Early Years Centre. These future costs are estimated at \$250,000. The 2015 annual budget contains funding from reserve for an Engineering Report to determine the feasibility of the installation of an elevator in the building.

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018     | 2019     | 2020     | 2021     | 2022     | Total            |
|--------------|----------|----------|----------|----------|----------|------------------|
| <b>Gross</b> | \$25,000 | \$25,000 | \$25,000 | \$25,000 | \$25,000 | <b>\$125,000</b> |
| <b>Net</b>   | \$25,000 | \$25,000 | \$25,000 | \$25,000 | \$25,000 | <b>\$125,000</b> |

**3. Estimated Useful Life:**

**4. Location of Project/Study (if applicable):**

| Facility Name / Address     | Municipality    |
|-----------------------------|-----------------|
| 519 9th Street, Hanover, ON | Town of Hanover |

**5. Need or Benefit(s) of Project (including safety issues):**

Renovations will eventually be required at the Ontario Early Years Centre in Hanover in order to ensure that it is an accessible service for our community. If the Ontario Early Years Centre is renovated, those renovations must meet the Integrated Accessibility Standards under the Accessibility for Ontarians with Disabilities Act, 2005 (AODA) ON. Reg. 191/11. Appropriate and accessible renovations would enable clients with disabilities to exercise their right to equal treatment and equal access to the facility and services per the Human Rights Code. An annual contribution of \$25,000 is proposed in order to accumulate funding towards the cost of the renovations. These funds will be utilized to address accommodation needs such as an elevator, door access, washroom improvements, ramps, etc. Access to both floors of the building will be necessary to be in compliance with the proposed Built Environment Standard and to work toward the common goal of the Accessibility for Ontarians with Disabilities Act to have an accessible Ontario by 2025.

**6. Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:**

|              | 2017     | 2018     | 2019     | 2020     | 2021     | Total            |
|--------------|----------|----------|----------|----------|----------|------------------|
| <b>Gross</b> | \$25,000 | \$25,000 | \$25,000 | \$25,000 | \$25,000 | <b>\$125,000</b> |
| <b>Net</b>   | \$25,000 | \$25,000 | \$25,000 | \$25,000 | \$25,000 | <b>\$125,000</b> |

**7. Consequences/Implications of Not Undertaking Project (including alternatives):**

If compliance is not met, the Directorate may fine municipalities with administrative penalties. At this time, contravention fines for the Built Environment Standard are yet to be released but what is known at this time is the fines for non-compliance to other Accessibility for Ontarians with Disabilities Act (AODA) standards can range from \$50,000 to \$100,000 for major contraventions.

**8. Identify Sources and Amounts of Funding**

|              | <b>To Reserve -<br/>Ontario Early<br/>Years Centre<br/>Accessibility<br/>Reserve</b> |
|--------------|--------------------------------------------------------------------------------------|
| 2018         | \$25,000                                                                             |
| 2019         | \$25,000                                                                             |
| 2020         | \$25,000                                                                             |
| 2021         | \$25,000                                                                             |
| 2022         | \$25,000                                                                             |
| <b>Total</b> | <b>\$125,000</b>                                                                     |

**9. Compliance with Council objective/strategic plan (if applicable):**

Working toward compliance with the Accessibility for Ontarians with Disabilities Act will eventually ensure that county services and programs offered at the Ontario Early Years Centre will be accessible and reflective of the diversity of the population. The annual transfer to reserve will assist in offsetting the future costs of these renovations.

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

**1. Department / Function: Social Services**

**Details of Project/Study: Child Care Operator's - Capital Costs  
Associated to Transition to Full Day Learning Program**

**2. Total Gross Cost of Proposed Capital Project/Study: \$52,995**

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              |                       |           | \$52,995        |

100% Provincially Funded

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018     | 2019     | 2020     | 2021     | 2022     | Total           |
|--------------|----------|----------|----------|----------|----------|-----------------|
| <b>Gross</b> | \$10,599 | \$10,599 | \$10,599 | \$10,599 | \$10,599 | <b>\$52,995</b> |
| <b>Net</b>   | \$0      | \$0      | \$0      | \$0      | \$0      | <b>\$0</b>      |

**3. Estimated Useful Life: N/A**

**4. Location of Project/Study (if applicable):**

| Facility Name / Address | Municipality |
|-------------------------|--------------|
| Various                 |              |

**5. Need or Benefit(s) of Project (including safety issues):**

Capital Costs associated with Child Care Operators' transition to Full Day Learning Program - 100% Provincially funded.

**6. Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:**

|              | 2017     | 2018     | 2019     | 2020     | 2021     | Total           |
|--------------|----------|----------|----------|----------|----------|-----------------|
| <b>Gross</b> | \$10,599 | \$10,599 | \$10,599 | \$10,599 | \$10,599 | <b>\$52,995</b> |
| <b>Net</b>   | \$0      | \$0      | \$0      | \$0      | \$0      | <b>\$0</b>      |

**7. Consequences/Implications of Not Undertaking Project (including alternatives):**

Child Care Operators facilities would not be able to accomodate increased number of infants and toddlers.

**8. Identify Sources and Amounts of Funding**

|              | Fed/Prov Grants |
|--------------|-----------------|
| 2018         | \$10,599        |
| 2019         | \$10,599        |
| 2020         | \$10,599        |
| 2021         | \$10,599        |
| 2022         | \$10,599        |
| <b>Total</b> | <b>\$52,995</b> |

**9. Compliance with Council objective/strategic plan (if applicable):**

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

**1. Department / Function: Social Services**

**Details of Project/Study: Vinyl Floor Replacement at Ontario Early Years Centre**

**2. Total Gross Cost of Proposed Capital Project/Study: \$64,000**

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              | \$64,000              |           |                 |

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018 | 2019 | 2020 | 2021     | 2022 | Total           |
|--------------|------|------|------|----------|------|-----------------|
| <b>Gross</b> | \$0  | \$0  | \$0  | \$64,000 | \$0  | <b>\$64,000</b> |
| <b>Net</b>   | \$0  | \$0  | \$0  | \$0      | \$0  | <b>\$0</b>      |

**3. Estimated Useful Life: 30 Years**

**4. Location of Project/Study (if applicable):**

| Facility Name / Address          | Municipality    |
|----------------------------------|-----------------|
| 519 9th Street, Hanover, Ontario | Town of Hanover |

**5. Need or Benefit(s) of Project (including safety issues):**

The Ontario Early Years Centre has vinyl composite flooring throughout the building. The flooring is original to the building and was identified in the 2011 Building Condition Assessment Study to be replaced by 2021.

**6. Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:**

|              | 2017 | 2018 | 2019 | 2020 | 2021     | Total           |
|--------------|------|------|------|------|----------|-----------------|
| <b>Gross</b> | \$0  | \$0  | \$0  | \$0  | \$64,000 | <b>\$64,000</b> |
| <b>Net</b>   | \$0  | \$0  | \$0  | \$0  | \$0      | <b>\$0</b>      |

**7. Consequences/Implications of Not Undertaking Project (including alternatives):**

While there is currently no visible damage to the flooring, the vinyl has withstood significant foot traffic for years. The existence of asbestos in the vinyl has been confirmed and new flooring is necessary prior to the old floor deteriorating to the extent of the risk of asbestos fibres being released which would pose a health risk.

**8. Identify Sources and Amounts of Funding**

|              | From Reserve - Ontario Early Years Capital Reserve |
|--------------|----------------------------------------------------|
| 2018         | \$0                                                |
| 2019         | \$0                                                |
| 2020         | \$0                                                |
| 2021         | \$64,000                                           |
| 2022         | \$0                                                |
| <b>Total</b> | <b>\$64,000</b>                                    |

**9. Compliance with Council objective/strategic plan (if applicable):**

Replacement of the vinyl flooring at the Ontario Early Years Centre demonstrates a commitment to the lifecycle planning for long-term investment in county-owned capital assets.

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

**SUMMARY OF FIVE YEAR CAPITAL &  
EXTRA-ORDINARY EXPENDITURES  
Housing**

| PROJECT                                                      | 2017<br>Approved<br>Budget | 2018-2022 Five Year Capital & Extra-Ordinary Expenditures |      |      |      |      |       |
|--------------------------------------------------------------|----------------------------|-----------------------------------------------------------|------|------|------|------|-------|
|                                                              |                            | 2018                                                      | 2019 | 2020 | 2021 | 2022 | TOTAL |
| Water Pipe Replacement (130 Rowe's Lane. Dundalk)            | 10,000                     |                                                           |      |      |      |      |       |
| Roof Replacement (43 Hill Street, Flesherton)                | 75,000                     |                                                           |      |      |      |      |       |
| Reclad Exterior (Family Units, Hanover)                      | 30,000                     |                                                           |      |      |      |      |       |
| Ceiling and Light Replacement (250 12th Avenue, Hanover)     | 30,000                     |                                                           |      |      |      |      |       |
| Flooring replacment (392051 Main Street, Holstein)           | 8,000                      |                                                           |      |      |      |      |       |
| Window Replacement (99 Argyle Street, Markdale)              | 50,000                     |                                                           |      |      |      |      |       |
| From Reserve - Federal Gas Tax                               | (50,000)                   |                                                           |      |      |      |      |       |
| Asphalt Lot and Retaining Wall ( 99 Argyle, Markdale)        | 25,000                     |                                                           |      |      |      |      |       |
| Window Replacement (100 Margaret-Elizabeth Street, Markdale) | 50,000                     |                                                           |      |      |      |      |       |
| From Reserve - Federal Gas Tax                               | (50,000)                   |                                                           |      |      |      |      |       |
| Asphalt Parking Lot (17 Legion Road, Meaford)                | 40,000                     |                                                           |      |      |      |      |       |
| Flooring Replacement (157 Nelson St, Meaford)                | 20,000                     |                                                           |      |      |      |      |       |
| Window Replacement (Alpha Street, Owen Sound)                | 250,000                    |                                                           |      |      |      |      |       |
| From Reserve - Federal Gas Tax                               | (250,000)                  |                                                           |      |      |      |      |       |
| Bath Rebuild (85 Lemon St, Thornbury)                        | 150,000                    |                                                           |      |      |      |      |       |
| Basement/Foundation Repairs (General)                        | 25,000                     |                                                           |      |      |      |      |       |

| PROJECT                                                                | 2017<br>Approved<br>Budget | 2018-2022 Five Year Capital & Extra-Ordinary Expenditures |         |         |         |         |         |
|------------------------------------------------------------------------|----------------------------|-----------------------------------------------------------|---------|---------|---------|---------|---------|
|                                                                        |                            | 2018                                                      | 2019    | 2020    | 2021    | 2022    | TOTAL   |
| Lawn Tractor (250 12th Avenue, Hanover)                                | 4,200                      |                                                           |         |         |         |         |         |
| From Reserve - Housing Reserve                                         | (4,200)                    |                                                           |         |         |         |         |         |
| Walk Behind Snowblower (250 12th Avenue, Hanover)                      | 2,200                      |                                                           |         |         |         |         |         |
| From Reserve - Housing Reserve                                         | (2,200)                    |                                                           |         |         |         |         |         |
| Walk Behind Snowblower (490 7th Ave East Owen Sound)                   | 2,200                      |                                                           |         |         |         |         |         |
| From Reserve - Housing Reserve                                         | (2,200)                    |                                                           |         |         |         |         |         |
| Bath and Kitchen Rebuilds (Family Units)                               | 150,000                    | 100,000                                                   | 100,000 | 100,000 | 100,000 | 100,000 | 500,000 |
| From Reserve - Housing Reserve                                         | (50,000)                   |                                                           |         |         |         |         |         |
| General Landscaping - (Alpha Street, Owen Sound)                       | 20,000                     | 20,000                                                    | 20,000  | 20,000  | 20,000  | 20,000  | 100,000 |
| Exterior Painting - (Alpha Street, Owen Sound)                         | 10,000                     | 5,000                                                     | 5,000   | 10,000  | 10,000  | 10,000  | 40,000  |
| Water System Upgrades General (Flesherton and Holstein)                | 10,000                     | 10,000                                                    | 10,000  | 10,000  | 10,000  | 10,000  | 50,000  |
| Appliance Replacement (General)                                        | 40,000                     | 30,000                                                    | 30,000  | 40,000  | 40,000  | 40,000  | 180,000 |
| Painting (General)                                                     | 25,000                     | 25,000                                                    | 25,000  | 25,000  | 25,000  | 25,000  | 125,000 |
| Consulting Fees (General)                                              | 30,000                     | 20,000                                                    | 30,000  | 30,000  | 30,000  | 30,000  | 140,000 |
| Fire Panel Replacement (General)                                       | 10,000                     | 10,000                                                    | 10,000  | 10,000  | 10,000  | 10,000  | 50,000  |
| Enterphone Replacement (General)                                       | 15,000                     | 15,000                                                    | 15,000  | 15,000  | 15,000  | 15,000  | 75,000  |
| Transfer to Reserve - Future Infrastructure Needs                      |                            |                                                           |         |         |         |         |         |
| To Reserve - Housing Reserve                                           | 633,278                    | 110,604                                                   | 134,456 | 202,845 |         | 108,277 | 556,182 |
| Hot Water Tank Replacement (General)                                   | 10,000                     | 10,000                                                    | 10,000  | 10,000  | 10,000  | 10,000  | 50,000  |
| Concrete and Masonry Piers, Roof Structure (181 Victoria St., Dundalk) |                            | 30,000                                                    |         |         |         |         | 30,000  |
| Security Cameras, Key Fobs, Computers                                  |                            | 5,000                                                     |         |         |         |         | 5,000   |

| PROJECT                                                                | 2017<br>Approved<br>Budget | 2018-2022 Five Year Capital & Extra-Ordinary Expenditures |        |      |      |      |           |
|------------------------------------------------------------------------|----------------------------|-----------------------------------------------------------|--------|------|------|------|-----------|
|                                                                        |                            | 2018                                                      | 2019   | 2020 | 2021 | 2022 | TOTAL     |
| Concrete Pads and Dividers (650 4th St A E, Owen Sound)                |                            | 30,000                                                    |        |      |      |      | 30,000    |
| Roofing Replacement (392051 Main Street, Holstein)                     |                            | 110,000                                                   |        |      |      |      | 110,000   |
| Patio Surface/Dividers Upgrade (50 McNab Street, Chatsworth)           |                            | 40,000                                                    |        |      |      |      | 40,000    |
| Flooring/Lighting Replacement Common Area (159 Parker Street, Meaford) |                            | 40,000                                                    |        |      |      |      | 40,000    |
| Window & Awning Replacement (490 7th Avenue East, Owen Sound)          |                            | 165,000                                                   |        |      |      |      | 165,000   |
| From Reserve - Federal Gas Tax                                         |                            | (165,000)                                                 |        |      |      |      | (165,000) |
| Patio Door Replacement (392051 Main Street, Holstein)                  |                            | 32,000                                                    |        |      |      |      | 32,000    |
| Air Makeup Replacement (50 McNab Street, Chatsworth)                   |                            | 30,000                                                    |        |      |      |      | 30,000    |
| From Reserve - Federal Gas Tax                                         |                            | (30,000)                                                  |        |      |      |      | (30,000)  |
| Patio Door Replacement (159 Parker Street, Meaford)                    |                            | 50,000                                                    |        |      |      |      | 50,000    |
| Asphalt Parking Lot (130 Rowe's Lane, Dundalk)                         |                            | 25,000                                                    |        |      |      |      | 25,000    |
| Asphalt Parking Lot (214 11th Ave, Hanover)                            |                            | 15,000                                                    |        |      |      |      | 15,000    |
| Bath Rebuild (225 14th Street West, Owen Sound)                        |                            | 325,000                                                   |        |      |      |      | 325,000   |
| Concrete Patio and Screens (100 Margaret Elizabeth Street, Markdale)   |                            | 25,000                                                    |        |      |      |      | 25,000    |
| Roof Replacement (Hanover Family Units)                                |                            | 120,000                                                   |        |      |      |      | 120,000   |
| Flooring Replacement (305 14th Street West, Owen Sound)                |                            | 125,000                                                   |        |      |      |      | 125,000   |
| Roof Replacements (Westmount Family Units, Owen Sound)                 |                            | 15,000                                                    | 15,000 |      |      |      | 30,000    |

| PROJECT                                                           | 2017<br>Approved<br>Budget | 2018-2022 Five Year Capital & Extra-Ordinary Expenditures |          |      |      |      |          |
|-------------------------------------------------------------------|----------------------------|-----------------------------------------------------------|----------|------|------|------|----------|
|                                                                   |                            | 2018                                                      | 2019     | 2020 | 2021 | 2022 | TOTAL    |
| Asphalt Parking Lot (481 11th St, Hanover)                        |                            |                                                           | 20,000   |      |      |      | 20,000   |
| Re Roof Steel and Eavestrough (Family Units Durham)               |                            |                                                           | 40,000   |      |      |      | 40,000   |
| Asphalt Parking Lot (650 4th St A East, Owen Sound)               |                            |                                                           | 40,000   |      |      |      | 40,000   |
| Asphalt Parking Lot (81 Bruce Street, Thornbury)                  |                            |                                                           | 50,000   |      |      |      | 50,000   |
| Asphalt Parking Lot (50 McNab Street, Chatsworth)                 |                            |                                                           | 25,000   |      |      |      | 25,000   |
| Bath Rebuild (315 Bruce Street, Durham)                           |                            |                                                           | 70,000   |      |      |      | 70,000   |
| Roof Replacement (248 7th Ave E., Owen Sound)                     |                            |                                                           | 60,000   |      |      |      | 60,000   |
| Air Make Up Replacement (481 11th St, Hanover)                    |                            |                                                           | 25,000   |      |      |      | 25,000   |
| From Reserve - Federal Gas Tax                                    |                            |                                                           | (25,000) |      |      |      | (25,000) |
| Flooring Replacement (99 Argyle Street, Markdale)                 |                            |                                                           | 10,000   |      |      |      | 10,000   |
| Exterior Doors/Front Entrance Design (157 Nelson Street, Meaford) |                            |                                                           | 35,000   |      |      |      | 35,000   |
| Asphalt Parking Lot (248 Queen Street, Durham)                    |                            |                                                           | 15,000   |      |      |      | 15,000   |
| Kitchen Rebuild (43 Hill Street, Flesherton)                      |                            |                                                           | 60,000   |      |      |      | 60,000   |
| Flooring Replacement (490 7th Avenue East, Owen Sound)            |                            |                                                           | 50,000   |      |      |      | 50,000   |
| Flooring Replacement (225 14th Street West, Owen Sound)           |                            |                                                           | 60,000   |      |      |      | 60,000   |
| Siding Replacement (43 Hill Street, Flesherton)                   |                            |                                                           | 10,000   |      |      |      | 10,000   |
| Asphalt Parking Lot (250 12th Avenue, Hanover)                    |                            |                                                           | 20,000   |      |      |      | 20,000   |
| Kitchen Rebuilds (650 4th Street A East Owen Sound)               |                            |                                                           | 400,000  |      |      |      | 400,000  |

| PROJECT                                                          | 2017<br>Approved<br>Budget | 2018-2022 Five Year Capital & Extra-Ordinary Expenditures |      |           |      |      |           |
|------------------------------------------------------------------|----------------------------|-----------------------------------------------------------|------|-----------|------|------|-----------|
|                                                                  |                            | 2018                                                      | 2019 | 2020      | 2021 | 2022 | TOTAL     |
| Asphalt Parking Lot (305 14th Street West, Owen Sound)           |                            |                                                           |      | 75,000    |      |      | 75,000    |
| Corridor Wall Replacement, Suite Doors (130 Rowe's Lane Dundalk) |                            |                                                           |      | 15,000    |      |      | 15,000    |
| Siding Replacement (40 Artemesia St Dundalk)                     |                            |                                                           |      | 10,000    |      |      | 10,000    |
| Patio Door Replacement (40 Artemesia St Dundalk)                 |                            |                                                           |      | 25,000    |      |      | 25,000    |
| Ceiling and Lighting Upgrades (208 Queen St. Durham)             |                            |                                                           |      | 30,000    |      |      | 30,000    |
| Main Suite Doors (481 11th St Hanover)                           |                            |                                                           |      | 12,000    |      |      | 12,000    |
| Roof Replacement with Eavestrough (250 12th Ave. Hanover)        |                            |                                                           |      | 150,000   |      |      | 150,000   |
| Suite Door (250 12th Ave. Hanover)                               |                            |                                                           |      | 16,000    |      |      | 16,000    |
| Roof Replacement & Eavestrough (99 Argyle St. Markdale)          |                            |                                                           |      | 100,000   |      |      | 100,000   |
| Ceiling and Lighting Upgrades (100 Marg. Eliz Markdale)          |                            |                                                           |      | 25,000    |      |      | 25,000    |
| Roof Replacement & Eavestrough (100 Marg Eliz. Markdale)         |                            |                                                           |      | 100,000   |      |      | 100,000   |
| Ashpalt Replacement (157 Nelson St. Meaford)                     |                            |                                                           |      | 15,000    |      |      | 15,000    |
| Air Make Up System (159 Parker St. Meaford)                      |                            |                                                           |      | 60,000    |      |      | 60,000    |
| From Reserve - Federal Gas Tax                                   |                            |                                                           |      | (60,000)  |      |      | (60,000)  |
| Building Condition Assessment                                    |                            |                                                           |      | 160,000   |      |      | 160,000   |
| From Reserve - Federal Gas Tax                                   |                            |                                                           |      | (160,000) |      |      | (160,000) |
| Exterior Cladding (490 7th Ave East Owen Sound)                  |                            |                                                           |      | 20,000    |      |      | 20,000    |

| PROJECT                                                                    | 2017<br>Approved<br>Budget | 2018-2022 Five Year Capital & Extra-Ordinary Expenditures |      |          |          |      |          |
|----------------------------------------------------------------------------|----------------------------|-----------------------------------------------------------|------|----------|----------|------|----------|
|                                                                            |                            | 2018                                                      | 2019 | 2020     | 2021     | 2022 | TOTAL    |
| Exterior Doors (Family Units Paul & Collingwood St. Meaford)               |                            |                                                           |      | 25,000   |          |      | 25,000   |
| Asphalt Paving (225 14th St W. Owen Sound)                                 |                            |                                                           |      | 36,000   |          |      | 36,000   |
| Concrete Patio and Screens (248 7th Avenue East, Owen Sound)               |                            |                                                           |      | 25,000   |          |      | 25,000   |
| Window and Door Replacement (Hanover Family Units)                         |                            |                                                           |      | 80,000   |          |      | 80,000   |
| From Reserve - Federal Gas Tax                                             |                            |                                                           |      | (80,000) |          |      | (80,000) |
| Roof and Eavestrough Replacement (481 11 St. Hanover)                      |                            |                                                           |      | 55,000   |          |      | 55,000   |
| Wall Insulation (41 Mark Street Markdale)                                  |                            |                                                           |      | 50,000   |          |      | 50,000   |
| Suite Door Replacement (305 14th Street Owen Sound)                        |                            |                                                           |      | 100,000  |          |      | 100,000  |
| Emergency Generator (225 14th Street West, Owen Sound)                     |                            |                                                           |      | 40,000   |          |      | 40,000   |
| Water Pipe Replacement (50 McNab Street Chatsworth)                        |                            |                                                           |      |          | 70,000   |      | 70,000   |
| From Reserve - From Housing Reserve                                        |                            |                                                           |      |          | (15,218) |      | (15,218) |
| Roof Replacement (50 McNab Street Chatsworth)                              |                            |                                                           |      |          | 150,000  |      | 150,000  |
| Window Replacement (130 Rowe's Lane, Dundalk)                              |                            |                                                           |      |          | 30,000   |      | 30,000   |
| From Reserve - Federal Gas Tax                                             |                            |                                                           |      |          | (30,000) |      | (30,000) |
| Common Area Flooring (130 Rowe's Lane Dundalk)                             |                            |                                                           |      |          | 20,000   |      | 20,000   |
| Water Pipe Replacement & Lighting Upgrades (40 Artemesia Street Dundalk)   |                            |                                                           |      |          | 70,000   |      | 70,000   |
| Emergency Generator (181 Victoria Street Dundalk)                          |                            |                                                           |      |          | 25,000   |      | 25,000   |
| Water Pipe Replacement and Lighting Upgrades (181 Victoria Street Dundalk) |                            |                                                           |      |          | 100,000  |      | 100,000  |

| PROJECT                                                     | 2017<br>Approved<br>Budget | 2018-2022 Five Year Capital & Extra-Ordinary Expenditures |      |      |          |          |          |
|-------------------------------------------------------------|----------------------------|-----------------------------------------------------------|------|------|----------|----------|----------|
|                                                             |                            | 2018                                                      | 2019 | 2020 | 2021     | 2022     | TOTAL    |
| Window Replacement (315 Bruce Street Durham)                |                            |                                                           |      |      | 35,000   |          | 35,000   |
| From Reserve - Federal Gas Tax                              |                            |                                                           |      |      | (35,000) |          | (35,000) |
| Bath Rebuilds (43 Hill Street Flesherton)                   |                            |                                                           |      |      | 60,000   |          | 60,000   |
| Siding and Window Replacement (208 Queen Street Durham)     |                            |                                                           |      |      | 75,000   |          | 75,000   |
| Balcony Restoration & Railings (481 11th St. Hanover)       |                            |                                                           |      |      | 40,000   |          | 40,000   |
| Concrete Replacement, 481 11th Street, Hanover              |                            |                                                           |      |      | 40,000   |          | 40,000   |
| Emergency Generator (250 12th Ave Hanover)                  |                            |                                                           |      |      | 40,000   |          | 40,000   |
| Suite Doors (392051 Main Street, Holstein)                  |                            |                                                           |      |      | 20,000   |          | 20,000   |
| Balconies & Railings (248 7th Ave Owen Sound)               |                            |                                                           |      |      | 40,000   |          | 40,000   |
| Kitchen Rebuilds (159 Parker Street Meaford)                |                            |                                                           |      |      | 150,000  |          | 150,000  |
| Balcony Restoration & Railings (250 12th Ave Hanover)       |                            |                                                           |      |      | 45,000   |          | 45,000   |
| Exterior Doors & Windows (248 7th Ave Owen Sound)           |                            |                                                           |      |      | 60,000   |          | 60,000   |
| Common Area Flooring & Lighting (85 Lemon Street Thornbury) |                            |                                                           |      |      | 50,000   |          | 50,000   |
| Water Pipe Replacement (248 7th Ave East, Owen Sound)       |                            |                                                           |      |      | 55,000   |          | 55,000   |
| Emergency Generator (650 4th Street A East Owen Sound)      |                            |                                                           |      |      | 60,000   |          | 60,000   |
| Emergency Generator (17 Legion Rd., Meaford)                |                            |                                                           |      |      |          | 40,000   | 40,000   |
| Air Makeup System (225 14th St W Owen Sound)                |                            |                                                           |      |      |          | 60,000   | 60,000   |
| From Reserve - Federal Gas Tax                              |                            |                                                           |      |      |          | (60,000) | (60,000) |

| PROJECT                                                               | 2017<br>Approved<br>Budget | 2018-2022 Five Year Capital & Extra-Ordinary Expenditures |      |      |      |          |          |
|-----------------------------------------------------------------------|----------------------------|-----------------------------------------------------------|------|------|------|----------|----------|
|                                                                       |                            | 2018                                                      | 2019 | 2020 | 2021 | 2022     | TOTAL    |
| Common Area Upgrades/Washrooms/Laundry Room (181 Victoria St Dundalk) |                            |                                                           |      |      |      | 30,000   | 30,000   |
| Balconies and Railings (100 Marg Elizabeth Markdale)                  |                            |                                                           |      |      |      | 50,000   | 50,000   |
| Suite Doors Corridor (181 Victoria Street Dundalk)                    |                            |                                                           |      |      |      | 15,000   | 15,000   |
| Exterior Suite Doors (481 11th St Hanover)                            |                            |                                                           |      |      |      | 20,000   | 20,000   |
| Water Pipe Replacement (315 Bruce St Durham)                          |                            |                                                           |      |      |      | 40,000   | 40,000   |
| Asphalt Replacement (40 Artemesia St. Dundalk)                        |                            |                                                           |      |      |      | 20,000   | 20,000   |
| Replace Roof - Steel & Eavestrough (315 Bruce Street Durham)          |                            |                                                           |      |      |      | 45,000   | 45,000   |
| Ceiling and Lighting Upgrades (490 7th Ave E Owen Sound)              |                            |                                                           |      |      |      | 50,000   | 50,000   |
| Ceiling and Lighting Upgrades (248 Queen Street Durham)               |                            |                                                           |      |      |      | 30,000   | 30,000   |
| Window Replacement (157 Nelson St Meaford)                            |                            |                                                           |      |      |      | 20,000   | 20,000   |
| From Reserve - Federal Gas Tax                                        |                            |                                                           |      |      |      | (20,000) | (20,000) |
| Emergency Generator (41 Mark St. Markdale)                            |                            |                                                           |      |      |      | 40,000   | 40,000   |
| Emergency Generator (208 Queen St., Durham)                           |                            |                                                           |      |      |      | 40,000   | 40,000   |
| Emergency Generator (81 Bruce St Thornbury)                           |                            |                                                           |      |      |      | 40,000   | 40,000   |
| Kitchen Rebuilds (248 7th Ave E Owen Sound)                           |                            |                                                           |      |      |      | 120,000  | 120,000  |
| Exterior Doors and Suite Doors (208 Queen St., Durham)                |                            |                                                           |      |      |      | 75,000   | 75,000   |
| Ashphalt Replacement (315 Bruce Street Durham)                        |                            |                                                           |      |      |      | 25,000   | 25,000   |

| PROJECT                                              | 2017<br>Approved<br>Budget | 2018-2022 Five Year Capital & Extra-Ordinary Expenditures |                  |                  |                  |                  |                  |
|------------------------------------------------------|----------------------------|-----------------------------------------------------------|------------------|------------------|------------------|------------------|------------------|
|                                                      |                            | 2018                                                      | 2019             | 2020             | 2021             | 2022             | TOTAL            |
| Interior Suite Doors (14th Hanover - Family Units)   |                            |                                                           |                  |                  |                  | 15,000           | 15,000           |
| Water Pipe Replacement (214 11th Ave Hanover)        |                            |                                                           |                  |                  |                  | 50,000           | 50,000           |
| Parking Lot Paving (Main St Holstein)                |                            |                                                           |                  |                  |                  | 30,000           | 30,000           |
| Bathroom Upgrades (81 Bruce St Thornbury)            |                            |                                                           |                  |                  |                  | 160,000          | 160,000          |
| Roof Replacement - Steel & Eavestrough (85 Lemon St) |                            |                                                           |                  |                  |                  | 140,000          | 140,000          |
| Air Makeup Replacement (248 7th Ave E Owen Sound)    |                            |                                                           |                  |                  |                  | 40,000           | 40,000           |
| From Reserve - Federal Gas Tax                       |                            |                                                           |                  |                  |                  | (40,000)         | (40,000)         |
| <b>NET LEVY REQUIREMENTS</b>                         | <b>1,316,278</b>           | <b>1,342,604</b>                                          | <b>1,369,456</b> | <b>1,396,845</b> | <b>1,424,782</b> | <b>1,453,277</b> | <b>6,986,964</b> |

**1. Department / Function: Housing -**

**Details of Project/Study: Bath and Kitchen Rebuilds (Family Units)**

**2. Total Gross Cost of Proposed Capital Project/Study: \$500,000**

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              | \$500,000             |           |                 |

Kitchen and bathrooms in family units are nearing end of life cycle.

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018      | 2019      | 2020      | 2021      | 2022      | Total            |
|--------------|-----------|-----------|-----------|-----------|-----------|------------------|
| <b>Gross</b> | \$100,000 | \$100,000 | \$100,000 | \$100,000 | \$100,000 | <b>\$500,000</b> |
| <b>Net</b>   | \$100,000 | \$100,000 | \$100,000 | \$100,000 | \$100,000 | <b>\$500,000</b> |

**3. Estimated Useful Life: 20 years**

**4. Location of Project/Study (if applicable):**

| Facility Name / Address                              | Municipality |
|------------------------------------------------------|--------------|
| Durham, Hanover, Meaford and Owen Sound Family Units |              |

**5. Need or Benefit(s) of Project (including safety issues):**

Kitchen and baths at end of life and will be replaced when tenant moves out. Construction is completed faster and is more cost effective when the unit is empty. Will allow staff to repair on an as need basis and better tracking system.

**6. Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:**

|              | 2017      | 2018      | 2019      | 2020      | 2021      | Total            |
|--------------|-----------|-----------|-----------|-----------|-----------|------------------|
| <b>Gross</b> | \$150,000 | \$100,000 | \$100,000 | \$100,000 | \$100,000 | <b>\$550,000</b> |
| <b>Net</b>   | \$100,000 | \$100,000 | \$100,000 | \$100,000 | \$100,000 | <b>\$500,000</b> |

**7. Consequences/Implications of Not Undertaking Project (including alternatives):**

Increase in maintenance costs over years to fix units.

**8. Identify Sources and Amounts of Funding**

|              | Taxation         | From Reserve - Housing Reserve |
|--------------|------------------|--------------------------------|
| 2018         | \$100,000        | \$0                            |
| 2019         | \$100,000        | \$0                            |
| 2020         | \$100,000        | \$0                            |
| 2021         | \$100,000        | \$0                            |
| 2022         | \$100,000        | \$0                            |
| <b>Total</b> | <b>\$500,000</b> | <b>\$0</b>                     |

**9. Compliance with Council objective/strategic plan (if applicable):**

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

**1. Department / Function: Housing -**

**Details of Project/Study: General Landscaping - (Alpha Street, Owen Sound)**

**2. Total Gross Cost of Proposed Capital Project/Study: \$100,000**

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              | \$100,000             |           |                 |

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018     | 2019     | 2020     | 2021     | 2022     | Total            |
|--------------|----------|----------|----------|----------|----------|------------------|
| <b>Gross</b> | \$20,000 | \$20,000 | \$20,000 | \$20,000 | \$20,000 | <b>\$100,000</b> |
| <b>Net</b>   | \$20,000 | \$20,000 | \$20,000 | \$20,000 | \$20,000 | <b>\$100,000</b> |

**3. Estimated Useful Life: 1 Year (ongoing)**

**4. Location of Project/Study (if applicable):**

| Facility Name / Address                 | Municipality       |
|-----------------------------------------|--------------------|
| Alpha Street Housing Complex (68 units) | City of Owen Sound |

**5. Need or Benefit(s) of Project (including safety issues):**

Located in Owen Sound, this 68 unit townhouse complex is located on approximately 6 acres of landscaped property, completed approximately 17 years ago. Continued and ongoing maintenance of the property is required to prevent excessive landscaping repairs. Scope of work includes: cutting and trimming of all shrubbery and trees, maintenance and mulching of planting beds, removal and replacement of dead and diseased material, grub and infestation control. NOTE: Size and scope refers to the fact that the project is too large to be handled by our own forces, and requires the manpower, equipment and expertise of outside contractors.

**6. Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:**

|              | 2017     | 2018     | 2019     | 2020     | 2021     | Total            |
|--------------|----------|----------|----------|----------|----------|------------------|
| <b>Gross</b> | \$20,000 | \$20,000 | \$20,000 | \$20,000 | \$20,000 | <b>\$100,000</b> |
| <b>Net</b>   | \$20,000 | \$20,000 | \$20,000 | \$20,000 | \$20,000 | <b>\$100,000</b> |

**7. Consequences/Implications of Not Undertaking Project (including alternatives):**

Increased maintenance and replacement costs in the future. Preventive maintenance.

**8. Identify Sources and Amounts of Funding**

|              | Taxation         |
|--------------|------------------|
| 2018         | \$20,000         |
| 2019         | \$20,000         |
| 2020         | \$20,000         |
| 2021         | \$20,000         |
| 2022         | \$20,000         |
| <b>Total</b> | <b>\$100,000</b> |

**9. Compliance with Council objective/strategic plan (if applicable):**

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

**1. Department / Function: Housing -**

**Details of Project/Study: Exterior Painting - (Alpha Street, Owen Sound)**

**2. Total Gross Cost of Proposed Capital Project/Study: \$40,000**

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              | \$40,000              |           |                 |

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018    | 2019    | 2020     | 2021     | 2022     | Total           |
|--------------|---------|---------|----------|----------|----------|-----------------|
| <b>Gross</b> | \$5,000 | \$5,000 | \$10,000 | \$10,000 | \$10,000 | <b>\$40,000</b> |
| <b>Net</b>   | \$5,000 | \$5,000 | \$10,000 | \$10,000 | \$10,000 | <b>\$40,000</b> |

**3. Estimated Useful Life: 1 Year (ongoing)**

**4. Location of Project/Study (if applicable):**

| Facility Name / Address                 | Municipality       |
|-----------------------------------------|--------------------|
| Alpha Street Housing Complex (68 units) | City of Owen Sound |

**5. Need or Benefit(s) of Project (including safety issues):**

Located in Owen Sound, this 68 unit townhouse complex located in the City of Owen Sound requires continual and ongoing exterior painting maintenance of exterior elements such as doors, fencing, railings etc.

**6. Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:**

|              | 2017     | 2018     | 2019     | 2020     | 2021     | Total           |
|--------------|----------|----------|----------|----------|----------|-----------------|
| <b>Gross</b> | \$10,000 | \$10,000 | \$10,000 | \$10,000 | \$10,000 | <b>\$50,000</b> |
| <b>Net</b>   | \$10,000 | \$10,000 | \$10,000 | \$10,000 | \$10,000 | <b>\$50,000</b> |

**7. Consequences/Implications of Not Undertaking Project (including alternatives):**

Deterioration of painted elements. Appearance - exterior doors, fences, patio dividers to maintain appearance and discourage vandalism

**8. Identify Sources and Amounts of Funding**

|              | Taxation        |
|--------------|-----------------|
| 2018         | \$5,000         |
| 2019         | \$5,000         |
| 2020         | \$10,000        |
| 2021         | \$10,000        |
| 2022         | \$10,000        |
| <b>Total</b> | <b>\$40,000</b> |

**9. Compliance with Council objective/strategic plan (if applicable):**

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

**1. Department / Function: Housing -**

**Details of Project/Study: Water System Upgrades General  
(Flesherton and Holstein)**

**2. Total Gross Cost of Proposed Capital Project/Study: \$50,000**

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              | \$50,000              |           |                 |

Continuing compliance issues to satisfy MOE Water Regulations for private water systems.  
Flesherton - built 1968. 7 - bachelor, 3 - 1 bedroom, Holstein - built 1980 16 - 1 bedroom

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018     | 2019     | 2020     | 2021     | 2022     | Total           |
|--------------|----------|----------|----------|----------|----------|-----------------|
| <b>Gross</b> | \$10,000 | \$10,000 | \$10,000 | \$10,000 | \$10,000 | <b>\$50,000</b> |
| <b>Net</b>   | \$10,000 | \$10,000 | \$10,000 | \$10,000 | \$10,000 | <b>\$50,000</b> |

**3. Estimated Useful Life: ongoing**

**4. Location of Project/Study (if applicable):**

| Facility Name / Address                | Municipality |
|----------------------------------------|--------------|
| Holstein and 43 Hill Street Flesherton |              |

**5. Need or Benefit(s) of Project (including safety issues):**

Health and Safety of Water Supply to two buildings, meet MOE regulations

**6. Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:**

|              | 2017     | 2018     | 2019     | 2020     | 2021     | Total           |
|--------------|----------|----------|----------|----------|----------|-----------------|
| <b>Gross</b> | \$10,000 | \$10,000 | \$10,000 | \$10,000 | \$10,000 | <b>\$50,000</b> |
| <b>Net</b>   | \$10,000 | \$10,000 | \$10,000 | \$10,000 | \$10,000 | <b>\$50,000</b> |

**7. Consequences/Implications of Not Undertaking Project (including alternatives):**

Health, Safety, Legal, Liability Non Compliance with Ministry of Environment Standards

**8. Identify Sources and Amounts of Funding**

|              | Taxation        |
|--------------|-----------------|
| 2018         | \$10,000        |
| 2019         | \$10,000        |
| 2020         | \$10,000        |
| 2021         | \$10,000        |
| 2022         | \$10,000        |
| <b>Total</b> | <b>\$50,000</b> |

**9. Compliance with Council objective/strategic plan (if applicable):**

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

**1. Department / Function: Housing -**

**Details of Project/Study: Appliance Replacement (General)**

**2. Total Gross Cost of Proposed Capital Project/Study: \$180,000**

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              | \$180,000             |           |                 |

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018     | 2019     | 2020     | 2021     | 2022     | Total            |
|--------------|----------|----------|----------|----------|----------|------------------|
| <b>Gross</b> | \$30,000 | \$30,000 | \$40,000 | \$40,000 | \$40,000 | <b>\$180,000</b> |
| <b>Net</b>   | \$30,000 | \$30,000 | \$40,000 | \$40,000 | \$40,000 | <b>\$180,000</b> |

**3. Estimated Useful Life:**

**4. Location of Project/Study (if applicable):**

| Facility Name / Address | Municipality |
|-------------------------|--------------|
| All apartment buildings |              |

**5. Need or Benefit(s) of Project (including safety issues):**

Grey County owns and operates 25 apartment buildings (716 units) throughout Grey County. Ongoing replacement of existing laundry equipment and refrigerators and stoves. Installation of newer equipment will substantially reduce the ongoing costs of repair to older equipment.

**6. Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:**

|              | 2017     | 2018     | 2019     | 2020     | 2021     | Total            |
|--------------|----------|----------|----------|----------|----------|------------------|
| <b>Gross</b> | \$40,000 | \$30,000 | \$30,000 | \$40,000 | \$40,000 | <b>\$180,000</b> |
| <b>Net</b>   | \$40,000 | \$30,000 | \$30,000 | \$40,000 | \$40,000 | <b>\$180,000</b> |

**7. Consequences/Implications of Not Undertaking Project (including alternatives):**

Ongoing maintenance; inconvenience of breakdowns; increased cost for service outside normal business hours; increased cost of purchasing as needed rather than in quantity. Increased insurance claims from tenants.

**8. Identify Sources and Amounts of Funding**

|              | Taxation         |
|--------------|------------------|
| 2018         | \$30,000         |
| 2019         | \$30,000         |
| 2020         | \$40,000         |
| 2021         | \$40,000         |
| 2022         | \$40,000         |
| <b>Total</b> | <b>\$180,000</b> |

**9. Compliance with Council objective/strategic plan (if applicable):**

1.6 Accelerate the commitment of lifecycle planning for long-term investment in county owned capital assets.

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

1. **Department / Function:** **Housing -**  
**Details of Project/Study:** **Painting (General)**

2. **Total Gross Cost of Proposed Capital Project/Study:** \$125,000

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              | \$125,000             |           |                 |

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018     | 2019     | 2020     | 2021     | 2022     | Total            |
|--------------|----------|----------|----------|----------|----------|------------------|
| <b>Gross</b> | \$25,000 | \$25,000 | \$25,000 | \$25,000 | \$25,000 | <b>\$125,000</b> |
| <b>Net</b>   | \$25,000 | \$25,000 | \$25,000 | \$25,000 | \$25,000 | <b>\$125,000</b> |

3. **Estimated Useful Life:**

4. **Location of Project/Study (if applicable):**

| Facility Name / Address | Municipality |
|-------------------------|--------------|
|-------------------------|--------------|

5. **Need or Benefit(s) of Project (including safety issues):**

Grey County owns and operates 25 apartment buildings (716 units) throughout Grey County. Painting maintenance of these structures is ongoing. Used for public areas with those most in need given priority

6. **Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:**

|              | 2017     | 2018     | 2019     | 2020     | 2021     | Total            |
|--------------|----------|----------|----------|----------|----------|------------------|
| <b>Gross</b> | \$25,000 | \$25,000 | \$25,000 | \$25,000 | \$25,000 | <b>\$125,000</b> |
| <b>Net</b>   | \$25,000 | \$25,000 | \$25,000 | \$25,000 | \$25,000 | <b>\$125,000</b> |

7. **Consequences/Implications of Not Undertaking Project (including alternatives):**

Deterioration of painted elements. Appearance. Damage to walls with move-ins, walkers, scooters etc. deteriorate the appearance of buildings which can lead to other damage/vandalism

8. **Identify Sources and Amounts of Funding**

|              | Taxation         |
|--------------|------------------|
| 2018         | \$25,000         |
| 2019         | \$25,000         |
| 2020         | \$25,000         |
| 2021         | \$25,000         |
| 2022         | \$25,000         |
| <b>Total</b> | <b>\$125,000</b> |

9. **Compliance with Council objective/strategic plan (if applicable):**

10. **Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

**1. Department / Function: Housing -**

**Details of Project/Study: Consulting Fees (General)**

**2. Total Gross Cost of Proposed Capital Project/Study: \$140,000**

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              | \$140,000             |           |                 |

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018     | 2019     | 2020     | 2021     | 2022     | Total            |
|--------------|----------|----------|----------|----------|----------|------------------|
| <b>Gross</b> | \$20,000 | \$30,000 | \$30,000 | \$30,000 | \$30,000 | <b>\$140,000</b> |
| <b>Net</b>   | \$20,000 | \$30,000 | \$30,000 | \$30,000 | \$30,000 | <b>\$140,000</b> |

**3. Estimated Useful Life:**

**4. Location of Project/Study (if applicable):**

| Facility Name / Address | Municipality |
|-------------------------|--------------|
|-------------------------|--------------|

**5. Need or Benefit(s) of Project (including safety issues):**

Currently approximately \$30,000 annually is spent for consulting services; having these fees under one designated cost makes control of the budget for consulting services more efficient and financially controllable. The 2018 budget requests \$20,000 as less projects require a consultant this year.

**6. Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:**

|              | 2017     | 2018     | 2019     | 2020     | 2021     | Total            |
|--------------|----------|----------|----------|----------|----------|------------------|
| <b>Gross</b> | \$30,000 | \$30,000 | \$30,000 | \$30,000 | \$30,000 | <b>\$150,000</b> |
| <b>Net</b>   | \$30,000 | \$30,000 | \$30,000 | \$30,000 | \$30,000 | <b>\$150,000</b> |

**7. Consequences/Implications of Not Undertaking Project (including alternatives):**

Budget shortfall on project

**8. Identify Sources and Amounts of Funding**

|              | Taxation         |
|--------------|------------------|
| 2018         | \$20,000         |
| 2019         | \$30,000         |
| 2020         | \$30,000         |
| 2021         | \$30,000         |
| 2022         | \$30,000         |
| <b>Total</b> | <b>\$140,000</b> |

**9. Compliance with Council objective/strategic plan (if applicable):**

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

**1. Department / Function: Housing -**

**Details of Project/Study: Fire Panel Replacement (General)**

**2. Total Gross Cost of Proposed Capital Project/Study: \$50,000**

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              | \$50,000              |           |                 |

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018     | 2019     | 2020     | 2021     | 2022     | Total           |
|--------------|----------|----------|----------|----------|----------|-----------------|
| <b>Gross</b> | \$10,000 | \$10,000 | \$10,000 | \$10,000 | \$10,000 | <b>\$50,000</b> |
| <b>Net</b>   | \$10,000 | \$10,000 | \$10,000 | \$10,000 | \$10,000 | <b>\$50,000</b> |

**3. Estimated Useful Life: 10 years**

**4. Location of Project/Study (if applicable):**

| Facility Name / Address | Municipality |
|-------------------------|--------------|
| All apartment buildings |              |

**5. Need or Benefit(s) of Project (including safety issues):**

Planned upgrades of existing Fire Alarm Panels in remaining 24 apartment buildings. (305 14th Street West, Owen Sound was replaced in 2009.) Installation of newer equipment will substantially reduce the ongoing cost of repair to older equipment. Current equipment is outdated and replacement parts are no longer available. Project to be phased over several years. Allows flexibility to replace panels in buildings that have problems or as requested by local Fire officials.

**6. Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:**

|              | 2017     | 2018     | 2019     | 2020     | 2021     | Total           |
|--------------|----------|----------|----------|----------|----------|-----------------|
| <b>Gross</b> | \$10,000 | \$10,000 | \$10,000 | \$10,000 | \$10,000 | <b>\$50,000</b> |
| <b>Net</b>   | \$10,000 | \$10,000 | \$10,000 | \$10,000 | \$10,000 | <b>\$50,000</b> |

**7. Consequences/Implications of Not Undertaking Project (including alternatives):**

Safety, Continuing difficulty in maintaining existing outdated systems, Breakdowns, compliance order by local fire official

**8. Identify Sources and Amounts of Funding**

|              | Taxation        |
|--------------|-----------------|
| 2018         | \$10,000        |
| 2019         | \$10,000        |
| 2020         | \$10,000        |
| 2021         | \$10,000        |
| 2022         | \$10,000        |
| <b>Total</b> | <b>\$50,000</b> |

**9. Compliance with Council objective/strategic plan (if applicable):**

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**  
Ensures effective coverage and monitoring of fire emergency systems

**1. Department / Function: Housing -**

**Details of Project/Study: Enterphone Replacement (General)**

**2. Total Gross Cost of Proposed Capital Project/Study: \$75,000**

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              | \$75,000              |           |                 |

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018     | 2019     | 2020     | 2021     | 2022     | Total           |
|--------------|----------|----------|----------|----------|----------|-----------------|
| <b>Gross</b> | \$15,000 | \$15,000 | \$15,000 | \$15,000 | \$15,000 | <b>\$75,000</b> |
| <b>Net</b>   | \$15,000 | \$15,000 | \$15,000 | \$15,000 | \$15,000 | <b>\$75,000</b> |

**3. Estimated Useful Life: 15 years**

**4. Location of Project/Study (if applicable):**

| Facility Name / Address | Municipality |
|-------------------------|--------------|
| All apartment buildings |              |

**5. Need or Benefit(s) of Project (including safety issues):**

Phased replacement of outdated enterphone systems in 25 apartment buildings. Difficult to obtain parts to maintain existing systems. Unpredictability of breakdowns. When system is down, causes problem with access to building for visitors.

**6. Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:**

|              | 2017     | 2018     | 2019     | 2020     | 2021     | Total           |
|--------------|----------|----------|----------|----------|----------|-----------------|
| <b>Gross</b> | \$15,000 | \$15,000 | \$15,000 | \$15,000 | \$15,000 | <b>\$75,000</b> |
| <b>Net</b>   | \$15,000 | \$15,000 | \$15,000 | \$15,000 | \$15,000 | <b>\$75,000</b> |

**7. Consequences/Implications of Not Undertaking Project (including alternatives):**

Difficulty in and expense of maintaining outdated systems. Inability of visitors to contact residents and for residents to admit visitors at entrance.

**8. Identify Sources and Amounts of Funding**

|              | Taxation        |
|--------------|-----------------|
| 2018         | \$15,000        |
| 2019         | \$15,000        |
| 2020         | \$15,000        |
| 2021         | \$15,000        |
| 2022         | \$15,000        |
| <b>Total</b> | <b>\$75,000</b> |

**9. Compliance with Council objective/strategic plan (if applicable):**

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

**1. Department / Function: Housing -**

**Details of Project/Study: Transfer to Reserve - Future Infrastructure Needs**

**2. Total Gross Cost of Proposed Capital Project/Study: \$556,182**

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              |                       |           | \$556,182       |

Transfer to Reserve in order to have funds available to complete capital projects as needed without having spikes in the net levy requirement.

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018      | 2019      | 2020      | 2021 | 2022      | Total            |
|--------------|-----------|-----------|-----------|------|-----------|------------------|
| <b>Gross</b> | \$110,604 | \$134,456 | \$202,845 | \$0  | \$108,277 | <b>\$556,182</b> |
| <b>Net</b>   | \$110,604 | \$134,456 | \$202,845 | \$0  | \$108,277 | <b>\$556,182</b> |

**3. Estimated Useful Life: ongoing**

**4. Location of Project/Study (if applicable):**

| Facility Name / Address | Municipality |
|-------------------------|--------------|
|                         |              |

**5. Need or Benefit(s) of Project (including safety issues):**

To provide a stable source of funding for capital projects so that funds are available to maintain the buildings.

**6. Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:**

|              | 2017      | 2018      | 2019      | 2020      | 2021      | Total              |
|--------------|-----------|-----------|-----------|-----------|-----------|--------------------|
| <b>Gross</b> | \$633,278 | \$367,092 | \$241,196 | \$394,756 | \$149,944 | <b>\$1,786,266</b> |
| <b>Net</b>   | \$633,278 | \$367,092 | \$241,196 | \$394,756 | \$149,944 | <b>\$1,786,266</b> |

**7. Consequences/Implications of Not Undertaking Project (including alternatives):**

If funds are not set aside for future lifecycle replacement of building components, buildings will deteriorate or unbudgeted projects will occur resulting in budget shortfalls.

**8. Identify Sources and Amounts of Funding**

|              | To Reserve - Housing Reserve |
|--------------|------------------------------|
| 2018         | \$110,604                    |
| 2019         | \$134,456                    |
| 2020         | \$202,845                    |
| 2021         | \$0                          |
| 2022         | \$108,277                    |
| <b>Total</b> | <b>\$556,182</b>             |

**9. Compliance with Council objective/strategic plan (if applicable):**

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

**1. Department / Function: Housing -**

**Details of Project/Study: Hot Water Tank Replacement (General)**

**2. Total Gross Cost of Proposed Capital Project/Study: \$50,000**

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              |                       | \$50,000  |                 |

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018     | 2019     | 2020     | 2021     | 2022     | Total           |
|--------------|----------|----------|----------|----------|----------|-----------------|
| <b>Gross</b> | \$10,000 | \$10,000 | \$10,000 | \$10,000 | \$10,000 | <b>\$50,000</b> |
| <b>Net</b>   | \$10,000 | \$10,000 | \$10,000 | \$10,000 | \$10,000 | <b>\$50,000</b> |

**3. Estimated Useful Life: 10 years**

**4. Location of Project/Study (if applicable):**

| Facility Name / Address | Municipality |
|-------------------------|--------------|
| All apartment buildings |              |

**5. Need or Benefit(s) of Project (including safety issues):**

Cyclical replacement of hot water tanks in 25 apartment buildings. Replace tanks as required and reduce expensive ongoing repairs. New tanks are more energy efficient

**6. Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:**

|              | 2017     | 2018     | 2019     | 2020     | 2021     | Total           |
|--------------|----------|----------|----------|----------|----------|-----------------|
| <b>Gross</b> | \$10,000 | \$10,000 | \$10,000 | \$10,000 | \$10,000 | <b>\$50,000</b> |
| <b>Net</b>   | \$10,000 | \$10,000 | \$10,000 | \$10,000 | \$10,000 | <b>\$50,000</b> |

**7. Consequences/Implications of Not Undertaking Project (including alternatives):**

Preventative maintenance. Expense and inconvenience of unplanned repairs. Inconvenience to tenants who are left without hot water.

**8. Identify Sources and Amounts of Funding**

|              | Taxation        |
|--------------|-----------------|
| 2018         | \$10,000        |
| 2019         | \$10,000        |
| 2020         | \$10,000        |
| 2021         | \$10,000        |
| 2022         | \$10,000        |
| <b>Total</b> | <b>\$50,000</b> |

**9. Compliance with Council objective/strategic plan (if applicable):**

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

**1. Department / Function: Housing - 2018**

**Details of Project/Study: Concrete and Masonry Piers, Roof Structure (181 Victoria St., Dundalk)**

**2. Total Gross Cost of Proposed Capital Project/Study: \$30,000**

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              | \$30,000              |           |                 |

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018     | 2019 | 2020 | 2021 | 2022 | Total           |
|--------------|----------|------|------|------|------|-----------------|
| <b>Gross</b> | \$30,000 | \$0  | \$0  | \$0  | \$0  | <b>\$30,000</b> |
| <b>Net</b>   | \$30,000 | \$0  | \$0  | \$0  | \$0  | <b>\$30,000</b> |

**3. Estimated Useful Life: 20 years**

**4. Location of Project/Study (if applicable):**

| Facility Name / Address     | Municipality          |
|-----------------------------|-----------------------|
| 181 Victoria Street Dundalk | Township of Southgate |

**5. Need or Benefit(s) of Project (including safety issues):**

Replace the current piers that are falling down and fix aged roofing.

**6. Scheduling and Cost of Project/Study in 2017-2021 Capital Plan: 30,000**

|              | 2017 | 2018 | 2019 | 2020 | 2021 | Total      |
|--------------|------|------|------|------|------|------------|
| <b>Gross</b> | \$0  | \$0  | \$0  | \$0  | \$0  | <b>\$0</b> |
| <b>Net</b>   | \$0  | \$0  | \$0  | \$0  | \$0  | <b>\$0</b> |

**7. Consequences/Implications of Not Undertaking Project (including alternatives):**

Potential of concrete falling and damaging roof further.

**8. Identify Sources and Amounts of Funding**

|              | Taxation        |
|--------------|-----------------|
| 2018         | \$30,000        |
| 2019         | \$0             |
| 2020         | \$0             |
| 2021         | \$0             |
| 2022         | \$0             |
| <b>Total</b> | <b>\$30,000</b> |

**9. Compliance with Council objective/strategic plan (if applicable):**

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

**1. Department / Function: Housing -**

**Details of Project/Study: Security Cameras, Key Fobs, Computers**

**2. Total Gross Cost of Proposed Capital Project/Study: \$5,000**

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              | \$5,000               |           |                 |

replace aging or non working security systems

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018    | 2019 | 2020 | 2021 | 2022 | Total          |
|--------------|---------|------|------|------|------|----------------|
| <b>Gross</b> | \$5,000 | \$0  | \$0  | \$0  | \$0  | <b>\$5,000</b> |
| <b>Net</b>   | \$5,000 | \$0  | \$0  | \$0  | \$0  | <b>\$5,000</b> |

**3. Estimated Useful Life:**

**4. Location of Project/Study (if applicable):**

| Facility Name / Address | Municipality |
|-------------------------|--------------|
| Various                 |              |

**5. Need or Benefit(s) of Project (including safety issues):**

Provide safety for tenants, staff and visitors

**6. Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:**

|              | 2017 | 2018 | 2019 | 2020 | 2021 | Total      |
|--------------|------|------|------|------|------|------------|
| <b>Gross</b> | \$0  | \$0  | \$0  | \$0  | \$0  | <b>\$0</b> |
| <b>Net</b>   | \$0  | \$0  | \$0  | \$0  | \$0  | <b>\$0</b> |

**7. Consequences/Implications of Not Undertaking Project (including alternatives):**

social and criminal activity in buildings

**8. Identify Sources and Amounts of Funding**

|              | Taxation       |
|--------------|----------------|
| 2018         | \$5,000        |
| 2019         | \$0            |
| 2020         | \$0            |
| 2021         | \$0            |
| 2022         | \$0            |
| <b>Total</b> | <b>\$5,000</b> |

**9. Compliance with Council objective/strategic plan (if applicable):**

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

**1. Department / Function: Housing - 2018**

**Details of Project/Study: Concrete Pads and Dividers (650 4th St A E, Owen Sound)**

**2. Total Gross Cost of Proposed Capital Project/Study: \$30,000**

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              | \$30,000              |           |                 |

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018     | 2019 | 2020 | 2021 | 2022 | Total           |
|--------------|----------|------|------|------|------|-----------------|
| <b>Gross</b> | \$30,000 | \$0  | \$0  | \$0  | \$0  | <b>\$30,000</b> |
| <b>Net</b>   | \$30,000 | \$0  | \$0  | \$0  | \$0  | <b>\$30,000</b> |

**3. Estimated Useful Life:**

**4. Location of Project/Study (if applicable):**

| Facility Name / Address                       | Municipality       |
|-----------------------------------------------|--------------------|
| Twin Pines - 650 4th Street A East Owen Sound | City of Owen Sound |

**5. Need or Benefit(s) of Project (including safety issues):**

Replacement of Concrete pads and dividers

**6. Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:**

|              | 2017 | 2018 | 2019 | 2020 | 2021 | Total      |
|--------------|------|------|------|------|------|------------|
| <b>Gross</b> | \$0  | \$0  | \$0  | \$0  | \$0  | <b>\$0</b> |
| <b>Net</b>   | \$0  | \$0  | \$0  | \$0  | \$0  | <b>\$0</b> |

**7. Consequences/Implications of Not Undertaking Project (including alternatives):**

Unsafe

**8. Identify Sources and Amounts of Funding**

|              | Taxation        |
|--------------|-----------------|
| 2018         | \$30,000        |
| 2019         | \$0             |
| 2020         | \$0             |
| 2021         | \$0             |
| 2022         | \$0             |
| <b>Total</b> | <b>\$30,000</b> |

**9. Compliance with Council objective/strategic plan (if applicable):**

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

**1. Department / Function: Housing - 2018**

**Details of Project/Study: Roofing Replacement (392051 Main Street, Holstein)**

**2. Total Gross Cost of Proposed Capital Project/Study: \$110,000**

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              | \$110,000             |           |                 |

Built 1980 16 1 bedroom units. Install new steel roof with eavestrough and downspouts. Steel warranty on roofing material is 40 years.

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018      | 2019 | 2020 | 2021 | 2022 | Total            |
|--------------|-----------|------|------|------|------|------------------|
| <b>Gross</b> | \$110,000 | \$0  | \$0  | \$0  | \$0  | <b>\$110,000</b> |
| <b>Net</b>   | \$110,000 | \$0  | \$0  | \$0  | \$0  | <b>\$110,000</b> |

**3. Estimated Useful Life: 35 years**

**4. Location of Project/Study (if applicable):**

| Facility Name / Address      | Municipality          |
|------------------------------|-----------------------|
| 392051 Main Street, Holstein | Township of Southgate |

**5. Need or Benefit(s) of Project (including safety issues):**

At end of life expectancy for asphalt shingle roofing.

**6. Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:**

|              | 2017 | 2018     | 2019 | 2020 | 2021 | Total           |
|--------------|------|----------|------|------|------|-----------------|
| <b>Gross</b> | \$0  | \$90,000 | \$0  | \$0  | \$0  | <b>\$90,000</b> |
| <b>Net</b>   | \$0  | \$90,000 | \$0  | \$0  | \$0  | <b>\$90,000</b> |

**7. Consequences/Implications of Not Undertaking Project (including alternatives):**

Further deterioration of existing roof and potential damage to structural elements.

**8. Identify Sources and Amounts of Funding**

|              | Taxation         |
|--------------|------------------|
| 2018         | \$110,000        |
| 2019         | \$0              |
| 2020         | \$0              |
| 2021         | \$0              |
| 2022         | \$0              |
| <b>Total</b> | <b>\$110,000</b> |

**9. Compliance with Council objective/strategic plan (if applicable):**

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

**1. Department / Function: Housing - 2018**

**Details of Project/Study: Patio Surface/Dividers Upgrade (50 McNab Street, Chatsworth)**

**2. Total Gross Cost of Proposed Capital Project/Study: \$40,000**

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              | \$40,000              |           |                 |

Built 1981, 22 one bedroom units

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018     | 2019 | 2020 | 2021 | 2022 | Total           |
|--------------|----------|------|------|------|------|-----------------|
| <b>Gross</b> | \$40,000 | \$0  | \$0  | \$0  | \$0  | <b>\$40,000</b> |
| <b>Net</b>   | \$40,000 | \$0  | \$0  | \$0  | \$0  | <b>\$40,000</b> |

**3. Estimated Useful Life: 25 years**

**4. Location of Project/Study (if applicable):**

| Facility Name / Address     | Municipality           |
|-----------------------------|------------------------|
| 50 McNab Street, Chatsworth | Township of Chatsworth |

**5. Need or Benefit(s) of Project (including safety issues):**

Existing 2' x 2' patio stones and wood patio dividers are original to the 1981 construction. Patio stones are a safety issue and will be replaced with poured concrete slab. Wood patio dividers are old and weathered, will be replaced as part of the patio surface upgrade.

**6. Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:**

|              | 2017 | 2018     | 2019 | 2020 | 2021 | Total           |
|--------------|------|----------|------|------|------|-----------------|
| <b>Gross</b> | \$0  | \$40,000 | \$0  | \$0  | \$0  | <b>\$40,000</b> |
| <b>Net</b>   | \$0  | \$40,000 | \$0  | \$0  | \$0  | <b>\$40,000</b> |

**7. Consequences/Implications of Not Undertaking Project (including alternatives):**

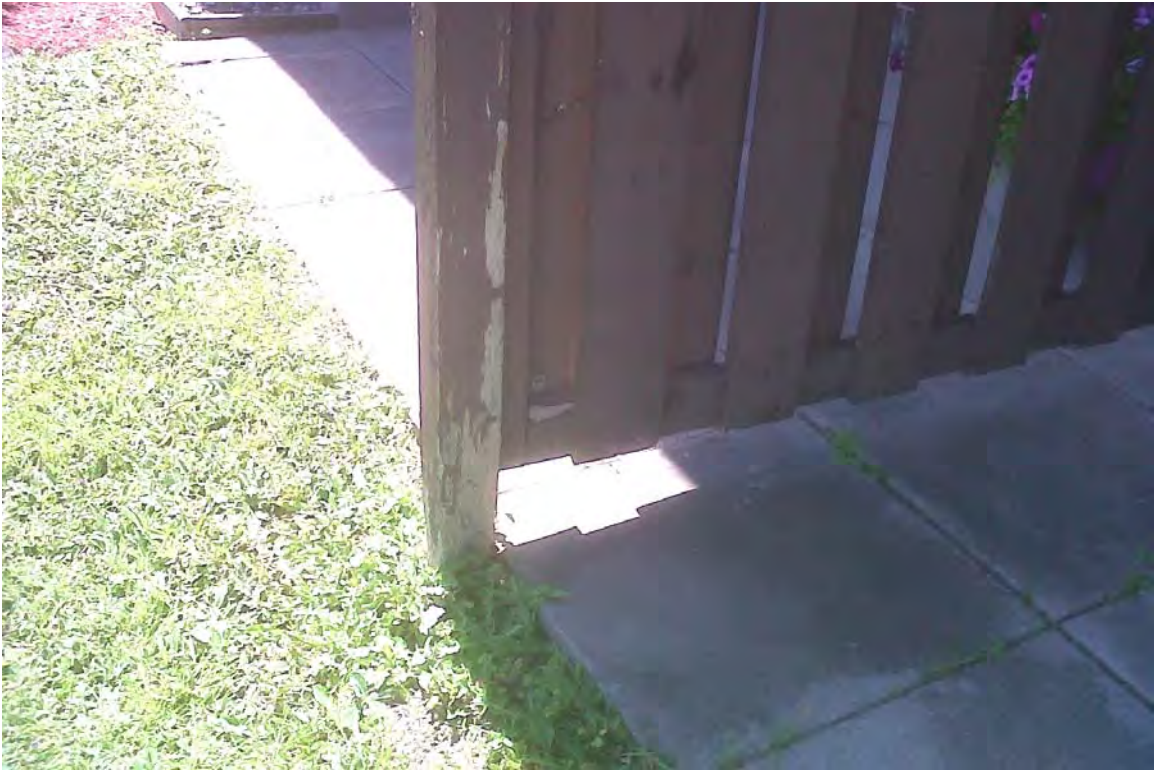
Trip hazard/ safety issue for residents and visitors.

**8. Identify Sources and Amounts of Funding**

|              | Taxation        |
|--------------|-----------------|
| 2018         | \$40,000        |
| 2019         | \$0             |
| 2020         | \$0             |
| 2021         | \$0             |
| 2022         | \$0             |
| <b>Total</b> | <b>\$40,000</b> |

**9. Compliance with Council objective/strategic plan (if applicable):**

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**







**1. Department / Function: Housing - 2018**

**Details of Project/Study: Flooring/Lighting Replacement  
Common Area (159 Parker Street, Meaford)**

**2. Total Gross Cost of Proposed Capital Project/Study: \$40,000**

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              | \$40,000              |           |                 |

Replace common area flooring with new slip resistant flooring material with min 10 year warranty.

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018     | 2019 | 2020 | 2021 | 2022 | Total           |
|--------------|----------|------|------|------|------|-----------------|
| <b>Gross</b> | \$40,000 | \$0  | \$0  | \$0  | \$0  | <b>\$40,000</b> |
| <b>Net</b>   | \$40,000 | \$0  | \$0  | \$0  | \$0  | <b>\$40,000</b> |

**3. Estimated Useful Life: 20 years**

**4. Location of Project/Study (if applicable):**

| Facility Name / Address    | Municipality            |
|----------------------------|-------------------------|
| 159 Parker Street, Meaford | Municipality of Meaford |

**5. Need or Benefit(s) of Project (including safety issues):**

Replace existing carpet, vinyl and tile flooring in common areas. Replace non energy efficient incandescent and fluorescent lighting

**6. Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:**

|              | 2017 | 2018     | 2019 | 2020 | 2021 | Total           |
|--------------|------|----------|------|------|------|-----------------|
| <b>Gross</b> | \$0  | \$40,000 | \$0  | \$0  | \$0  | <b>\$40,000</b> |
| <b>Net</b>   | \$0  | \$40,000 | \$0  | \$0  | \$0  | <b>\$40,000</b> |

**7. Consequences/Implications of Not Undertaking Project (including alternatives):**

Lighting - energy efficiency. Increased costs, Flooring safety and appearance

**8. Identify Sources and Amounts of Funding**

|              | Taxation        |
|--------------|-----------------|
| 2018         | \$40,000        |
| 2019         | \$0             |
| 2020         | \$0             |
| 2021         | \$0             |
| 2022         | \$0             |
| <b>Total</b> | <b>\$40,000</b> |

**9. Compliance with Council objective/strategic plan (if applicable):**

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

**1. Department / Function: Housing - 2018**

**Details of Project/Study: Window & Awning Replacement (490 7th Avenue East, Owen Sound)**

**2. Total Gross Cost of Proposed Capital Project/Study: \$165,000**

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              | \$165,000             |           |                 |

Install new energy star rated window to decrease overall heating costs to the building.

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018      | 2019 | 2020 | 2021 | 2022 | Total            |
|--------------|-----------|------|------|------|------|------------------|
| <b>Gross</b> | \$165,000 | \$0  | \$0  | \$0  | \$0  | <b>\$165,000</b> |
| <b>Net</b>   | \$0       | \$0  | \$0  | \$0  | \$0  | <b>\$0</b>       |

**3. Estimated Useful Life: 25 years**

**4. Location of Project/Study (if applicable):**

| Facility Name / Address         | Municipality       |
|---------------------------------|--------------------|
| 490 7th Avenue East, Owen Sound | City of Owen Sound |

**5. Need or Benefit(s) of Project (including safety issues):**

Replace aged and damaged metal awnings on west side of building. Resident comfort and energy efficiency. Upgrade windows. At end of life span. Energy Efficiency

**6. Scheduling and Cost of Project/Study in 2017-2021 Capital Plan: n/a - new 2016**

|              | 2017 | 2018      | 2019 | 2020 | 2021 | Total            |
|--------------|------|-----------|------|------|------|------------------|
| <b>Gross</b> | \$0  | \$165,000 | \$0  | \$0  | \$0  | <b>\$165,000</b> |
| <b>Net</b>   | \$0  | \$0       | \$0  | \$0  | \$0  | <b>\$0</b>       |

**7. Consequences/Implications of Not Undertaking Project (including alternatives):**

Metal awnings, Required due to afternoon sun on the west side of the building. Continued deterioration of existing windows, leaks, structural damage and mould accumulation.

**8. Identify Sources and Amounts of Funding**

|              | From Reserve - Federal Gas Tax |
|--------------|--------------------------------|
| 2018         | \$165,000                      |
| 2019         | \$0                            |
| 2020         | \$0                            |
| 2021         | \$0                            |
| 2022         | \$0                            |
| <b>Total</b> | <b>\$165,000</b>               |

**9. Compliance with Council objective/strategic plan (if applicable):**

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

**1. Department / Function: Housing - 2018**

**Details of Project/Study: Patio Door Replacement (392051 Main Street, Holstein)**

**2. Total Gross Cost of Proposed Capital Project/Study: \$32,000**

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              | \$32,000              |           |                 |

New energy star rated doors to be installed, replacing existing exterior wood doors.

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018     | 2019 | 2020 | 2021 | 2022 | Total           |
|--------------|----------|------|------|------|------|-----------------|
| <b>Gross</b> | \$32,000 | \$0  | \$0  | \$0  | \$0  | <b>\$32,000</b> |
| <b>Net</b>   | \$32,000 | \$0  | \$0  | \$0  | \$0  | <b>\$32,000</b> |

**3. Estimated Useful Life: 30 years**

**4. Location of Project/Study (if applicable):**

| Facility Name / Address | Municipality          |
|-------------------------|-----------------------|
| 392051 Main Street      | Township of Southgate |

**5. Need or Benefit(s) of Project (including safety issues):**

End of life. Energy savings, hardware costs eliminated.

**6. Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:**

|              | 2017 | 2018     | 2019 | 2020 | 2021 | Total           |
|--------------|------|----------|------|------|------|-----------------|
| <b>Gross</b> | \$0  | \$16,000 | \$0  | \$0  | \$0  | <b>\$16,000</b> |
| <b>Net</b>   | \$0  | \$16,000 | \$0  | \$0  | \$0  | <b>\$16,000</b> |

**7. Consequences/Implications of Not Undertaking Project (including alternatives):**

Energy savings increase of damage to building envelope and to structure.

**8. Identify Sources and Amounts of Funding**

|              | Taxation        |
|--------------|-----------------|
| 2018         | \$32,000        |
| 2019         | \$0             |
| 2020         | \$0             |
| 2021         | \$0             |
| 2022         | \$0             |
| <b>Total</b> | <b>\$32,000</b> |

**9. Compliance with Council objective/strategic plan (if applicable):**

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

**1. Department / Function: Housing - 2018**

**Details of Project/Study: Air Makeup Replacement (50 McNab Street, Chatsworth)**

**2. Total Gross Cost of Proposed Capital Project/Study: \$30,000**

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              | \$30,000              |           |                 |

New energy efficient Air Make Up Unit to be installed reducing operating costs.

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018     | 2019 | 2020 | 2021 | 2022 | Total           |
|--------------|----------|------|------|------|------|-----------------|
| <b>Gross</b> | \$30,000 | \$0  | \$0  | \$0  | \$0  | <b>\$30,000</b> |
| <b>Net</b>   | \$0      | \$0  | \$0  | \$0  | \$0  | <b>\$0</b>      |

**3. Estimated Useful Life: 20 years**

**4. Location of Project/Study (if applicable):**

| Facility Name / Address | Municipality           |
|-------------------------|------------------------|
| 50 McNab Street         | Township of Chatsworth |

**5. Need or Benefit(s) of Project (including safety issues):**

Ongoing maintenance repairs and need to reduce energy costs.

**6. Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:**

|              | 2017 | 2018     | 2019 | 2020 | 2021 | Total           |
|--------------|------|----------|------|------|------|-----------------|
| <b>Gross</b> | \$0  | \$14,000 | \$0  | \$0  | \$0  | <b>\$14,000</b> |
| <b>Net</b>   | \$0  | \$14,000 | \$0  | \$0  | \$0  | <b>\$14,000</b> |

**7. Consequences/Implications of Not Undertaking Project (including alternatives):**

Resident Comfort. Breakdowns, unscheduled repairs, increased operating expense

**8. Identify Sources and Amounts of Funding**

|              | From Reserve -<br>Federal Gas Tax |
|--------------|-----------------------------------|
| 2018         | \$30,000                          |
| 2019         | \$0                               |
| 2020         | \$0                               |
| 2021         | \$0                               |
| 2022         | \$0                               |
| <b>Total</b> | <b>\$30,000</b>                   |

**9. Compliance with Council objective/strategic plan (if applicable):**

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

**1. Department / Function: Housing - 2018**

**Details of Project/Study: Patio Door Replacement (159 Parker Street, Meaford)**

**2. Total Gross Cost of Proposed Capital Project/Study: \$50,000**

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              | \$50,000              |           |                 |

New energy star rated doors to be installed, replacing existing exterior wood doors.

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018     | 2019 | 2020 | 2021 | 2022 | Total           |
|--------------|----------|------|------|------|------|-----------------|
| <b>Gross</b> | \$50,000 | \$0  | \$0  | \$0  | \$0  | <b>\$50,000</b> |
| <b>Net</b>   | \$50,000 | \$0  | \$0  | \$0  | \$0  | <b>\$50,000</b> |

**3. Estimated Useful Life: 30 years**

**4. Location of Project/Study (if applicable):**

| Facility Name / Address | Municipality            |
|-------------------------|-------------------------|
| 159 Parker Street       | Municipality of Meaford |

**5. Need or Benefit(s) of Project (including safety issues):**

End of Life. Energy savings.

**6. Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:**

|              | 2017 | 2018     | 2019 | 2020 | 2021 | Total           |
|--------------|------|----------|------|------|------|-----------------|
| <b>Gross</b> | \$0  | \$20,000 | \$0  | \$0  | \$0  | <b>\$20,000</b> |
| <b>Net</b>   | \$0  | \$20,000 | \$0  | \$0  | \$0  | <b>\$20,000</b> |

**7. Consequences/Implications of Not Undertaking Project (including alternatives):**

Energy savings, increase of damage to building envelope and to structure.

**8. Identify Sources and Amounts of Funding**

|              | Taxation        |
|--------------|-----------------|
| 2018         | \$50,000        |
| 2019         | \$0             |
| 2020         | \$0             |
| 2021         | \$0             |
| 2022         | \$0             |
| <b>Total</b> | <b>\$50,000</b> |

**9. Compliance with Council objective/strategic plan (if applicable):**

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

**1. Department / Function: Housing - 2018**

**Details of Project/Study: Asphalt Parking Lot (130 Rowe's Lane, Dundalk)**

**2. Total Gross Cost of Proposed Capital Project/Study: \$25,000**

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              | \$25,000              |           |                 |

Remove existing asphalt paving. Supply and install 12" Granular A, 4" Granular 'B'. Install new 2" asphalt paving. Painted parking lines and barrier free symbols.

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018     | 2019 | 2020 | 2021 | 2022 | Total           |
|--------------|----------|------|------|------|------|-----------------|
| <b>Gross</b> | \$25,000 | \$0  | \$0  | \$0  | \$0  | <b>\$25,000</b> |
| <b>Net</b>   | \$25,000 | \$0  | \$0  | \$0  | \$0  | <b>\$25,000</b> |

**3. Estimated Useful Life: 20 years**

**4. Location of Project/Study (if applicable):**

| Facility Name / Address | Municipality          |
|-------------------------|-----------------------|
| 130 Rowe's Lane         | Township of Southgate |

**5. Need or Benefit(s) of Project (including safety issues):**

Asphalt reaching end of life cycle. Cracks and uneven surfaces create unsafe conditions for tenants.

**6. Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:**

|              | 2017 | 2018     | 2019 | 2020 | 2021 | Total           |
|--------------|------|----------|------|------|------|-----------------|
| <b>Gross</b> | \$0  | \$25,000 | \$0  | \$0  | \$0  | <b>\$25,000</b> |
| <b>Net</b>   | \$0  | \$25,000 | \$0  | \$0  | \$0  | <b>\$25,000</b> |

**7. Consequences/Implications of Not Undertaking Project (including alternatives):**

To prevent slips and falls in parking lot. Update parking symbols to meet current requirements.

**8. Identify Sources and Amounts of Funding**

|              | Taxation        |
|--------------|-----------------|
| 2018         | \$25,000        |
| 2019         | \$0             |
| 2020         | \$0             |
| 2021         | \$0             |
| 2022         | \$0             |
| <b>Total</b> | <b>\$25,000</b> |

**9. Compliance with Council objective/strategic plan (if applicable):**

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

**1. Department / Function: Housing - 2018**

**Details of Project/Study: Asphalt Parking Lot (214 11th Ave, Hanover)**

**2. Total Gross Cost of Proposed Capital Project/Study: \$15,000**

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              | \$15,000              |           |                 |

Remove existing asphalt paving. Supply and install 12" Granular A, 4" Granular 'B'. Install new 2" asphalt paving. Painted parking lines and barrier free symbols.

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018     | 2019 | 2020 | 2021 | 2022 | Total           |
|--------------|----------|------|------|------|------|-----------------|
| <b>Gross</b> | \$15,000 | \$0  | \$0  | \$0  | \$0  | <b>\$15,000</b> |
| <b>Net</b>   | \$15,000 | \$0  | \$0  | \$0  | \$0  | <b>\$15,000</b> |

**3. Estimated Useful Life: 20 years**

**4. Location of Project/Study (if applicable):**

| Facility Name / Address | Municipality    |
|-------------------------|-----------------|
| 214 11th Ave            | Town of Hanover |

**5. Need or Benefit(s) of Project (including safety issues):**

Asphalt reaching end of life cycle. Cracks and uneven surfaces create unsafe conditions for tenants

**6. Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:**

|              | 2017 | 2018     | 2019 | 2020 | 2021 | Total           |
|--------------|------|----------|------|------|------|-----------------|
| <b>Gross</b> | \$0  | \$15,000 | \$0  | \$0  | \$0  | <b>\$15,000</b> |
| <b>Net</b>   | \$0  | \$15,000 | \$0  | \$0  | \$0  | <b>\$15,000</b> |

**7. Consequences/Implications of Not Undertaking Project (including alternatives):**

To prevent slips and falls in parking lot. Update parking symbols to meet current requirements.

**8. Identify Sources and Amounts of Funding**

|              | Taxation        |
|--------------|-----------------|
| 2018         | \$15,000        |
| 2019         | \$0             |
| 2020         | \$0             |
| 2021         | \$0             |
| 2022         | \$0             |
| <b>Total</b> | <b>\$15,000</b> |

**9. Compliance with Council objective/strategic plan (if applicable):**

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

**1. Department / Function: Housing - 2018**

**Details of Project/Study: Bath Rebuild (225 14th Street West, Owen Sound)**

**2. Total Gross Cost of Proposed Capital Project/Study: \$325,000**

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              | \$325,000             |           |                 |

Bathrooms are original for building. Bathrooms would include new tub, flooring, vanity, shower controls, lighting, toilet and tub surround. All materials installed to be maintenance free. Toilets and lighting to reduce overall operating costs off the units. Grabs bars will be installed for health and safety concerns.

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018      | 2019 | 2020 | 2021 | 2022 | Total            |
|--------------|-----------|------|------|------|------|------------------|
| <b>Gross</b> | \$325,000 | \$0  | \$0  | \$0  | \$0  | <b>\$325,000</b> |
| <b>Net</b>   | \$325,000 | \$0  | \$0  | \$0  | \$0  | <b>\$325,000</b> |

**3. Estimated Useful Life: 20 years**

**4. Location of Project/Study (if applicable):**

| Facility Name / Address          | Municipality       |
|----------------------------------|--------------------|
| 225 14th Street West, Owen Sound | City of Owen Sound |

**5. Need or Benefit(s) of Project (including safety issues):**

Existing bathrooms in this building (36 units) are original (1974), with existing tile and grout tub enclosures. Existing grout is in need of repair to prevent wall damage and mould. New retrofit would include new bathroom fixtures, vanities, plumbing, flooring and solid tub enclosures.

**6. Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:**

|              | 2017 | 2018      | 2019 | 2020 | 2021 | Total            |
|--------------|------|-----------|------|------|------|------------------|
| <b>Gross</b> | \$0  | \$280,000 | \$0  | \$0  | \$0  | <b>\$280,000</b> |
| <b>Net</b>   | \$0  | \$280,000 | \$0  | \$0  | \$0  | <b>\$280,000</b> |

**7. Consequences/Implications of Not Undertaking Project (including alternatives):**

Health and safety (mould) Preventative maintenance

**8. Identify Sources and Amounts of Funding**

|              | Taxation         |
|--------------|------------------|
| 2018         | \$325,000        |
| 2019         | \$0              |
| 2020         | \$0              |
| 2021         | \$0              |
| 2022         | \$0              |
| <b>Total</b> | <b>\$325,000</b> |

**9. Compliance with Council objective/strategic plan (if applicable):**

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

**1. Department / Function: Housing - 2018**

**Details of Project/Study: Concrete Patio and Screens (100 Margaret Elizabeth Street, Markdale)**

**2. Total Gross Cost of Proposed Capital Project/Study: \$25,000**

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              | \$25,000              |           |                 |

Remove existing 2' X 2' pavers. Install new concrete slab with patio divider. Patio divider to be constructed using low maintenance material.

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018     | 2019 | 2020 | 2021 | 2022 | Total           |
|--------------|----------|------|------|------|------|-----------------|
| <b>Gross</b> | \$25,000 | \$0  | \$0  | \$0  | \$0  | <b>\$25,000</b> |
| <b>Net</b>   | \$25,000 | \$0  | \$0  | \$0  | \$0  | <b>\$25,000</b> |

**3. Estimated Useful Life: 25 years**

**4. Location of Project/Study (if applicable):**

| Facility Name / Address       | Municipality                   |
|-------------------------------|--------------------------------|
| 100 Margaret Elizabeth Street | Municipality of Grey Highlands |

**5. Need or Benefit(s) of Project (including safety issues):**

Existing 2' x 2' patio stones and wood patio dividers are original to construction. Patio stones are a safety issue and will be replaced with poured concrete slab. Wood patio dividers are old and weathered, will be replaced as part of the patio surface upgrade.

**6. Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:**

|              | 2017 | 2018     | 2019 | 2020 | 2021 | Total           |
|--------------|------|----------|------|------|------|-----------------|
| <b>Gross</b> | \$0  | \$20,000 | \$0  | \$0  | \$0  | <b>\$20,000</b> |
| <b>Net</b>   | \$0  | \$20,000 | \$0  | \$0  | \$0  | <b>\$20,000</b> |

**7. Consequences/Implications of Not Undertaking Project (including alternatives):**

Trip hazard/ safety issue for residents and visitors.

**8. Identify Sources and Amounts of Funding**

|              | Taxation        |
|--------------|-----------------|
| 2018         | \$25,000        |
| 2019         | \$0             |
| 2020         | \$0             |
| 2021         | \$0             |
| 2022         | \$0             |
| <b>Total</b> | <b>\$25,000</b> |

**9. Compliance with Council objective/strategic plan (if applicable):**

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

**1. Department / Function: Housing - 2018**

**Details of Project/Study: Roof Replacement (Hanover Family Units)**

**2. Total Gross Cost of Proposed Capital Project/Study: \$120,000**

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              | \$120,000             |           |                 |

Existing shingles are 30 years old. New ice and water shield to be installed over entire roof along with new roofing. New eaves trough and downspout to be installed.

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018      | 2019 | 2020 | 2021 | 2022 | Total            |
|--------------|-----------|------|------|------|------|------------------|
| <b>Gross</b> | \$120,000 | \$0  | \$0  | \$0  | \$0  | <b>\$120,000</b> |
| <b>Net</b>   | \$120,000 | \$0  | \$0  | \$0  | \$0  | <b>\$120,000</b> |

**3. Estimated Useful Life: 20 years**

**4. Location of Project/Study (if applicable):**

| Facility Name / Address | Municipality    |
|-------------------------|-----------------|
| Hanover Family Units    | Town of Hanover |

**5. Need or Benefit(s) of Project (including safety issues):**

By installed ice and water shield over entire roof it prevents ice damming from occurring at eaves. New downspouts and with gutter guard system reduce maintenance costs of cleaning them every year.

**6. Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:**

|              | 2017 | 2018      | 2019 | 2020 | 2021 | Total            |
|--------------|------|-----------|------|------|------|------------------|
| <b>Gross</b> | \$0  | \$120,000 | \$0  | \$0  | \$0  | <b>\$120,000</b> |
| <b>Net</b>   | \$0  | \$120,000 | \$0  | \$0  | \$0  | <b>\$120,000</b> |

**7. Consequences/Implications of Not Undertaking Project (including alternatives):**

If not replaced water damage may occur to building envelope and the structure increasing the costs to fix.

**8. Identify Sources and Amounts of Funding**

|              | Taxation         |
|--------------|------------------|
| 2018         | \$120,000        |
| 2019         | \$0              |
| 2020         | \$0              |
| 2021         | \$0              |
| 2022         | \$0              |
| <b>Total</b> | <b>\$120,000</b> |

**9. Compliance with Council objective/strategic plan (if applicable):**

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

**1. Department / Function: Housing - 2018**

**Details of Project/Study: Flooring Replacement (305 14th Street West, Owen Sound)**

**2. Total Gross Cost of Proposed Capital Project/Study: \$125,000**

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              | \$125,000             |           |                 |

Eight Storey, 187 Unit Apartment Building located in Owen Sound

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018      | 2019 | 2020 | 2021 | 2022 | Total            |
|--------------|-----------|------|------|------|------|------------------|
| <b>Gross</b> | \$125,000 | \$0  | \$0  | \$0  | \$0  | <b>\$125,000</b> |
| <b>Net</b>   | \$125,000 | \$0  | \$0  | \$0  | \$0  | <b>\$125,000</b> |

**3. Estimated Useful Life: 15 years**

**4. Location of Project/Study (if applicable):**

| Facility Name / Address          | Municipality       |
|----------------------------------|--------------------|
| 305 14th Street West, Owen Sound | City of Owen Sound |

**5. Need or Benefit(s) of Project (including safety issues):**

Replacement of worn carpet in common areas, entrances and hallways.

**6. Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:**

|              | 2017 | 2018 | 2019 | 2020      | 2021 | Total            |
|--------------|------|------|------|-----------|------|------------------|
| <b>Gross</b> | \$0  | \$0  | \$0  | \$125,000 | \$0  | <b>\$125,000</b> |
| <b>Net</b>   | \$0  | \$0  | \$0  | \$125,000 | \$0  | <b>\$125,000</b> |

**7. Consequences/Implications of Not Undertaking Project (including alternatives):**

Safety issue with deterioration of existing flooring.

**8. Identify Sources and Amounts of Funding**

|              | Taxation         |
|--------------|------------------|
| 2018         | \$125,000        |
| 2019         | \$0              |
| 2020         | \$0              |
| 2021         | \$0              |
| 2022         | \$0              |
| <b>Total</b> | <b>\$125,000</b> |

**9. Compliance with Council objective/strategic plan (if applicable):**

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

**1. Department / Function: Housing - 2018**

**Details of Project/Study: Roof Replacements (Westmount Family Units, Owen Sound)**

**2. Total Gross Cost of Proposed Capital Project/Study: \$30,000**

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              | \$30,000              |           |                 |

Existing shingles are 30 years old. New ice and water shield to be installed over entire roof along with new roofing. New eaves trough and downspout to be installed

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018     | 2019     | 2020 | 2021 | 2022 | Total           |
|--------------|----------|----------|------|------|------|-----------------|
| <b>Gross</b> | \$15,000 | \$15,000 | \$0  | \$0  | \$0  | <b>\$30,000</b> |
| <b>Net</b>   | \$15,000 | \$15,000 | \$0  | \$0  | \$0  | <b>\$30,000</b> |

**3. Estimated Useful Life: 15 years**

**4. Location of Project/Study (if applicable):**

| Facility Name / Address | Municipality       |
|-------------------------|--------------------|
| Westmount Family Units  | City of Owen Sound |

**5. Need or Benefit(s) of Project (including safety issues):**

prevent damage to units

**6. Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:**

|              | 2017 | 2018 | 2019 | 2020 | 2021 | Total      |
|--------------|------|------|------|------|------|------------|
| <b>Gross</b> | \$0  | \$0  | \$0  | \$0  | \$0  | <b>\$0</b> |
| <b>Net</b>   | \$0  | \$0  | \$0  | \$0  | \$0  | <b>\$0</b> |

**7. Consequences/Implications of Not Undertaking Project (including alternatives):**

damage to building envelope

**8. Identify Sources and Amounts of Funding**

|              | Taxation        |
|--------------|-----------------|
| 2018         | \$15,000        |
| 2019         | \$15,000        |
| 2020         | \$0             |
| 2021         | \$0             |
| 2022         | \$0             |
| <b>Total</b> | <b>\$30,000</b> |

**9. Compliance with Council objective/strategic plan (if applicable):**

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

**1. Department / Function: Housing - 2019**

**Details of Project/Study: Asphalt Parking Lot (481 11th St, Hanover)**

**2. Total Gross Cost of Proposed Capital Project/Study: \$20,000**

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              | \$20,000              |           |                 |

Remove existing asphalt paving. Supply and install 12" Granular A, 4" Granular 'B'. Install new 2" asphalt paving. Painted parking lines and barrier free symbols.

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018 | 2019     | 2020 | 2021 | 2022 | Total           |
|--------------|------|----------|------|------|------|-----------------|
| <b>Gross</b> | \$0  | \$20,000 | \$0  | \$0  | \$0  | <b>\$20,000</b> |
| <b>Net</b>   | \$0  | \$20,000 | \$0  | \$0  | \$0  | <b>\$20,000</b> |

**3. Estimated Useful Life: 20 years**

**4. Location of Project/Study (if applicable):**

| Facility Name / Address | Municipality    |
|-------------------------|-----------------|
| 481 11th St, Hanover    | Town of Hanover |

**5. Need or Benefit(s) of Project (including safety issues):**

Asphalt reaching end of life cycle. Cracks and uneven surfaces create unsafe conditions for tenants

**6. Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:**

|              | 2017 | 2018 | 2019     | 2020 | 2021 | Total           |
|--------------|------|------|----------|------|------|-----------------|
| <b>Gross</b> | \$0  | \$0  | \$20,000 | \$0  | \$0  | <b>\$20,000</b> |
| <b>Net</b>   | \$0  | \$0  | \$20,000 | \$0  | \$0  | <b>\$20,000</b> |

**7. Consequences/Implications of Not Undertaking Project (including alternatives):**

To prevent slips and falls in parking lot. Update parking symbols to meet current requirements.

**8. Identify Sources and Amounts of Funding**

|              | Taxation        |
|--------------|-----------------|
| 2018         | \$0             |
| 2019         | \$20,000        |
| 2020         | \$0             |
| 2021         | \$0             |
| 2022         | \$0             |
| <b>Total</b> | <b>\$20,000</b> |

**9. Compliance with Council objective/strategic plan (if applicable):**

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

**1. Department / Function: Housing - 2019**

**Details of Project/Study: Re Roof Steel and Eavestrough (Family Units Durham)**

**2. Total Gross Cost of Proposed Capital Project/Study: \$40,000**

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              | \$40,000              |           |                 |

New ice and water shield to be installed over entire roof along with new roofing. New eaves trough and downspout to be installed.

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018 | 2019     | 2020 | 2021 | 2022 | Total           |
|--------------|------|----------|------|------|------|-----------------|
| <b>Gross</b> | \$0  | \$40,000 | \$0  | \$0  | \$0  | <b>\$40,000</b> |
| <b>Net</b>   | \$0  | \$40,000 | \$0  | \$0  | \$0  | <b>\$40,000</b> |

**3. Estimated Useful Life: 30 years**

**4. Location of Project/Study (if applicable):**

| Facility Name / Address   | Municipality              |
|---------------------------|---------------------------|
| Bruce Street South Durham | Municipality of West Grey |

**5. Need or Benefit(s) of Project (including safety issues):**

end of life expectancy for asphalt shingles

**6. Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:**

|              | 2017 | 2018 | 2019 | 2020 | 2021 | Total      |
|--------------|------|------|------|------|------|------------|
| <b>Gross</b> | \$0  | \$0  | \$0  | \$0  | \$0  | <b>\$0</b> |
| <b>Net</b>   | \$0  | \$0  | \$0  | \$0  | \$0  | <b>\$0</b> |

**7. Consequences/Implications of Not Undertaking Project (including alternatives):**

If not replaced water damage may occur to building envelope and the structure increasing the costs to fix.

**8. Identify Sources and Amounts of Funding**

|              | Taxation        |
|--------------|-----------------|
| 2018         | \$0             |
| 2019         | \$40,000        |
| 2020         | \$0             |
| 2021         | \$0             |
| 2022         | \$0             |
| <b>Total</b> | <b>\$40,000</b> |

**9. Compliance with Council objective/strategic plan (if applicable):**

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

**1. Department / Function: Housing - 2019**

**Details of Project/Study: Asphalt Parking Lot (650 4th St A East, Owen Sound)**

**2. Total Gross Cost of Proposed Capital Project/Study: \$40,000**

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              | \$40,000              |           |                 |

Remove existing asphalt paving. Supply and install 12" Granular A, 4" Granular 'B'. Install new 2" asphalt paving. Painted parking lines and barrier free symbols.

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018 | 2019     | 2020 | 2021 | 2022 | Total           |
|--------------|------|----------|------|------|------|-----------------|
| <b>Gross</b> | \$0  | \$40,000 | \$0  | \$0  | \$0  | <b>\$40,000</b> |
| <b>Net</b>   | \$0  | \$40,000 | \$0  | \$0  | \$0  | <b>\$40,000</b> |

**3. Estimated Useful Life: 20 years**

**4. Location of Project/Study (if applicable):**

| Facility Name / Address | Municipality       |
|-------------------------|--------------------|
| 650 4th St A East       | City of Owen Sound |

**5. Need or Benefit(s) of Project (including safety issues):**

Asphalt reaching end of life cycle. Cracks and uneven surfaces create unsafe conditions for tenants.

**6. Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:**

|              | 2017 | 2018 | 2019     | 2020 | 2021 | Total           |
|--------------|------|------|----------|------|------|-----------------|
| <b>Gross</b> | \$0  | \$0  | \$40,000 | \$0  | \$0  | <b>\$40,000</b> |
| <b>Net</b>   | \$0  | \$0  | \$40,000 | \$0  | \$0  | <b>\$40,000</b> |

**7. Consequences/Implications of Not Undertaking Project (including alternatives):**

To prevent slips and falls in parking lot. Update parking symbols to meet current requirements.

**8. Identify Sources and Amounts of Funding**

|              | Taxation        |
|--------------|-----------------|
| 2018         | \$0             |
| 2019         | \$40,000        |
| 2020         | \$0             |
| 2021         | \$0             |
| 2022         | \$0             |
| <b>Total</b> | <b>\$40,000</b> |

**9. Compliance with Council objective/strategic plan (if applicable):**

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

**1. Department / Function: Housing - 2019**

**Details of Project/Study: Asphalt Parking Lot (81 Bruce Street, Thornbury)**

**2. Total Gross Cost of Proposed Capital Project/Study: \$50,000**

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              | \$50,000              |           |                 |

Remove existing asphalt paving. Supply and install 12" Granular A, 4" Granular 'B'. Install new 2" asphalt paving. Painted parking lines and barrier free symbols. Includes Lemon Court parking area since they are a combined lot.

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018 | 2019     | 2020 | 2021 | 2022 | Total           |
|--------------|------|----------|------|------|------|-----------------|
| <b>Gross</b> | \$0  | \$50,000 | \$0  | \$0  | \$0  | <b>\$50,000</b> |
| <b>Net</b>   | \$0  | \$50,000 | \$0  | \$0  | \$0  | <b>\$50,000</b> |

**3. Estimated Useful Life: 20 years**

**4. Location of Project/Study (if applicable):**

| Facility Name / Address | Municipality       |
|-------------------------|--------------------|
| 81 Bruce Street         | The Blue Mountains |

**5. Need or Benefit(s) of Project (including safety issues):**

Asphalt reaching end of life cycle. Cracks and uneven surfaces create unsafe conditions for tenants.

**6. Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:**

|              | 2017 | 2018 | 2019     | 2020 | 2021 | Total           |
|--------------|------|------|----------|------|------|-----------------|
| <b>Gross</b> | \$0  | \$0  | \$50,000 | \$0  | \$0  | <b>\$50,000</b> |
| <b>Net</b>   | \$0  | \$0  | \$50,000 | \$0  | \$0  | <b>\$50,000</b> |

**7. Consequences/Implications of Not Undertaking Project (including alternatives):**

To prevent slips and falls in parking lot. Update parking symbols to meet current requirements.

**8. Identify Sources and Amounts of Funding**

|              | Taxation        |
|--------------|-----------------|
| 2018         | \$0             |
| 2019         | \$50,000        |
| 2020         | \$0             |
| 2021         | \$0             |
| 2022         | \$0             |
| <b>Total</b> | <b>\$50,000</b> |

**9. Compliance with Council objective/strategic plan (if applicable):**

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

**1. Department / Function: Housing - 2019**

**Details of Project/Study: Asphalt Parking Lot (50 McNab Street, Chatsworth)**

**2. Total Gross Cost of Proposed Capital Project/Study: \$25,000**

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              | \$25,000              |           |                 |

Remove existing asphalt paving. Supply and install 12" Granular A, 4" Granular 'B'. Install new 2" asphalt paving. Painted parking lines and barrier free symbols.

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018 | 2019     | 2020 | 2021 | 2022 | Total           |
|--------------|------|----------|------|------|------|-----------------|
| <b>Gross</b> | \$0  | \$25,000 | \$0  | \$0  | \$0  | <b>\$25,000</b> |
| <b>Net</b>   | \$0  | \$25,000 | \$0  | \$0  | \$0  | <b>\$25,000</b> |

**3. Estimated Useful Life: 20 years**

**4. Location of Project/Study (if applicable):**

| Facility Name / Address | Municipality           |
|-------------------------|------------------------|
| 50 McNab Street         | Township of Chatsworth |

**5. Need or Benefit(s) of Project (including safety issues):**

Asphalt reaching end of life cycle. Cracks and uneven surfaces create unsafe conditions for tenants.

**6. Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:**

|              | 2017 | 2018 | 2019     | 2020 | 2021 | Total           |
|--------------|------|------|----------|------|------|-----------------|
| <b>Gross</b> | \$0  | \$0  | \$25,000 | \$0  | \$0  | <b>\$25,000</b> |
| <b>Net</b>   | \$0  | \$0  | \$25,000 | \$0  | \$0  | <b>\$25,000</b> |

**7. Consequences/Implications of Not Undertaking Project (including alternatives):**

To prevent slips and falls in parking lot. Update parking symbols to meet current requirements.

**8. Identify Sources and Amounts of Funding**

|              | Taxation        |
|--------------|-----------------|
| 2018         | \$0             |
| 2019         | \$25,000        |
| 2020         | \$0             |
| 2021         | \$0             |
| 2022         | \$0             |
| <b>Total</b> | <b>\$25,000</b> |

**9. Compliance with Council objective/strategic plan (if applicable):**

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

**1. Department / Function: Housing - 2019**

**Details of Project/Study: Bath Rebuild (315 Bruce Street, Durham)**

**2. Total Gross Cost of Proposed Capital Project/Study: \$70,000**

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              | \$70,000              |           |                 |

Remove all existing plumbing fixtures, gypsum board, lighting fixtures and flooring. Install new low maintenance materials. Install energy efficient lighting and plumbing fixtures to reduce hydro and water consumption.

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018 | 2019     | 2020 | 2021 | 2022 | Total           |
|--------------|------|----------|------|------|------|-----------------|
| <b>Gross</b> | \$0  | \$70,000 | \$0  | \$0  | \$0  | <b>\$70,000</b> |
| <b>Net</b>   | \$0  | \$70,000 | \$0  | \$0  | \$0  | <b>\$70,000</b> |

**3. Estimated Useful Life: 15 years**

**4. Location of Project/Study (if applicable):**

| Facility Name / Address | Municipality              |
|-------------------------|---------------------------|
| 315 Bruce Street        | Municipality of West Grey |

**5. Need or Benefit(s) of Project (including safety issues):**

Damage to existing grout lines, caulking and seals cause water damage and mould growth. Exhaust fans original and need to be updated with energy efficient model. New gypsum board to be installed that is mould and mildew resistant. New toilets faucets, vanites installed to reduce water consumption. Tub surrounds installed to minimize grout/sealant.

**6. Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:**

|              | 2017 | 2018 | 2019     | 2020 | 2021 | Total           |
|--------------|------|------|----------|------|------|-----------------|
| <b>Gross</b> | \$0  | \$0  | \$70,000 | \$0  | \$0  | <b>\$70,000</b> |
| <b>Net</b>   | \$0  | \$0  | \$70,000 | \$0  | \$0  | <b>\$70,000</b> |

**7. Consequences/Implications of Not Undertaking Project (including alternatives):**

Health and safety (mould) Preventative maintenance Energy savings.

**8. Identify Sources and Amounts of Funding**

|              | Taxation        |
|--------------|-----------------|
| 2018         | \$0             |
| 2019         | \$70,000        |
| 2020         | \$0             |
| 2021         | \$0             |
| 2022         | \$0             |
| <b>Total</b> | <b>\$70,000</b> |

**9. Compliance with Council objective/strategic plan (if applicable):**

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

**1. Department / Function: Housing - 2019**

**Details of Project/Study: Roof Replacement (248 7th Ave E., Owen Sound)**

**2. Total Gross Cost of Proposed Capital Project/Study: \$60,000**

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              | \$60,000              |           |                 |

New ice and water shield to be installed over entire roof along with new steel roofing. New eavestrough and downspouts to be installed.

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018 | 2019     | 2020 | 2021 | 2022 | Total           |
|--------------|------|----------|------|------|------|-----------------|
| <b>Gross</b> | \$0  | \$60,000 | \$0  | \$0  | \$0  | <b>\$60,000</b> |
| <b>Net</b>   | \$0  | \$60,000 | \$0  | \$0  | \$0  | <b>\$60,000</b> |

**3. Estimated Useful Life:**

**4. Location of Project/Study (if applicable):**

| Facility Name / Address | Municipality       |
|-------------------------|--------------------|
| 248 7th Ave East        | City of Owen Sound |

**5. Need or Benefit(s) of Project (including safety issues):**

By installing ice and water shield over entire roof it prevents ice damming from occurring at eaves. New downspouts and with gutter guard system reduce maintenance costs of cleaning them every year.

**6. Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:**

|              | 2017 | 2018 | 2019 | 2020 | 2021 | Total      |
|--------------|------|------|------|------|------|------------|
| <b>Gross</b> | \$0  | \$0  | \$0  | \$0  | \$0  | <b>\$0</b> |
| <b>Net</b>   | \$0  | \$0  | \$0  | \$0  | \$0  | <b>\$0</b> |

**7. Consequences/Implications of Not Undertaking Project (including alternatives):**

If not replaced water damage may occur to building envelope and the structure increasing the costs to fix.

**8. Identify Sources and Amounts of Funding**

|              | Taxation        |
|--------------|-----------------|
| 2018         | \$0             |
| 2019         | \$60,000        |
| 2020         | \$0             |
| 2021         | \$0             |
| 2022         | \$0             |
| <b>Total</b> | <b>\$60,000</b> |

**9. Compliance with Council objective/strategic plan (if applicable):**

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

**1. Department / Function: Housing - 2019**

**Details of Project/Study: Air Make Up Replacement (481 11th St, Hanover)**

**2. Total Gross Cost of Proposed Capital Project/Study: \$25,000**

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              | \$25,000              |           |                 |

Replacement existing air makeup unit with a more energy efficient model to reduce energy costs.

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018 | 2019     | 2020 | 2021 | 2022 | Total           |
|--------------|------|----------|------|------|------|-----------------|
| <b>Gross</b> | \$0  | \$25,000 | \$0  | \$0  | \$0  | <b>\$25,000</b> |
| <b>Net</b>   | \$0  | \$0      | \$0  | \$0  | \$0  | <b>\$0</b>      |

**3. Estimated Useful Life:**

**4. Location of Project/Study (if applicable):**

| Facility Name / Address | Municipality    |
|-------------------------|-----------------|
| 481 11th Street         | Town of Hanover |

**5. Need or Benefit(s) of Project (including safety issues):**

Reduce energy consumption and reduce maintenance costs.

**6. Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:**

|              | 2017 | 2018 | 2019     | 2020 | 2021 | Total           |
|--------------|------|------|----------|------|------|-----------------|
| <b>Gross</b> | \$0  | \$0  | \$25,000 | \$0  | \$0  | <b>\$25,000</b> |
| <b>Net</b>   | \$0  | \$0  | \$0      | \$0  | \$0  | <b>\$0</b>      |

**7. Consequences/Implications of Not Undertaking Project (including alternatives):**

Lack of air quality to building. Increase in operating costs.

**8. Identify Sources and Amounts of Funding**

|              | From Reserve -<br>Federal Gas Tax |
|--------------|-----------------------------------|
| 2018         | \$0                               |
| 2019         | \$25,000                          |
| 2020         | \$0                               |
| 2021         | \$0                               |
| 2022         | \$0                               |
| <b>Total</b> | <b>\$25,000</b>                   |

**9. Compliance with Council objective/strategic plan (if applicable):**

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

**1. Department / Function: Housing - 2019**

**Details of Project/Study: Flooring Replacement (99 Argyle Street, Markdale)**

**2. Total Gross Cost of Proposed Capital Project/Study: \$10,000**

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              | \$10,000              |           |                 |

Replace existing carpet with new low maintenance slip resistant flooring.

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018 | 2019     | 2020 | 2021 | 2022 | Total           |
|--------------|------|----------|------|------|------|-----------------|
| <b>Gross</b> | \$0  | \$10,000 | \$0  | \$0  | \$0  | <b>\$10,000</b> |
| <b>Net</b>   | \$0  | \$10,000 | \$0  | \$0  | \$0  | <b>\$10,000</b> |

**3. Estimated Useful Life: 20 years**

**4. Location of Project/Study (if applicable):**

| Facility Name / Address | Municipality                   |
|-------------------------|--------------------------------|
| 99 Argyle Street        | Municipality of Grey Highlands |

**5. Need or Benefit(s) of Project (including safety issues):**

Reduce operating budget cleaning costs and reduce slips and falls.

**6. Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:**

|              | 2017 | 2018 | 2019     | 2020 | 2021 | Total           |
|--------------|------|------|----------|------|------|-----------------|
| <b>Gross</b> | \$0  | \$0  | \$10,000 | \$0  | \$0  | <b>\$10,000</b> |
| <b>Net</b>   | \$0  | \$0  | \$10,000 | \$0  | \$0  | <b>\$10,000</b> |

**7. Consequences/Implications of Not Undertaking Project (including alternatives):**

Increased cost of carpet cleaning in fall/winter months.

**8. Identify Sources and Amounts of Funding**

|              | Taxation        |
|--------------|-----------------|
| 2018         | \$0             |
| 2019         | \$10,000        |
| 2020         | \$0             |
| 2021         | \$0             |
| 2022         | \$0             |
| <b>Total</b> | <b>\$10,000</b> |

**9. Compliance with Council objective/strategic plan (if applicable):**

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

**1. Department / Function: Housing - 2019**

**Details of Project/Study: Exterior Doors/Front Entrance Design  
(157 Nelson Street, Meaford)**

**2. Total Gross Cost of Proposed Capital Project/Study: \$35,000**

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              | \$35,000              |           |                 |

Replace existing exterior new energy efficient doors. Front entrance redesign to meet current barrier free access.

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018 | 2019     | 2020 | 2021 | 2022 | Total           |
|--------------|------|----------|------|------|------|-----------------|
| <b>Gross</b> | \$0  | \$35,000 | \$0  | \$0  | \$0  | <b>\$35,000</b> |
| <b>Net</b>   | \$0  | \$35,000 | \$0  | \$0  | \$0  | <b>\$35,000</b> |

**3. Estimated Useful Life: 25 years**

**4. Location of Project/Study (if applicable):**

| Facility Name / Address | Municipality            |
|-------------------------|-------------------------|
| 157 Nelson Street       | Municipality of Meaford |

**5. Need or Benefit(s) of Project (including safety issues):**

Reduce energy consumption. Meet current barrier free design requirements.

**6. Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:**

|              | 2017 | 2018 | 2019     | 2020 | 2021 | Total           |
|--------------|------|------|----------|------|------|-----------------|
| <b>Gross</b> | \$0  | \$0  | \$25,000 | \$0  | \$0  | <b>\$25,000</b> |
| <b>Net</b>   | \$0  | \$0  | \$25,000 | \$0  | \$0  | <b>\$25,000</b> |

**7. Consequences/Implications of Not Undertaking Project (including alternatives):**

Increased heating costs. Required to meet current barrier free requirements in future.

**8. Identify Sources and Amounts of Funding**

|              | Taxation        |
|--------------|-----------------|
| 2018         | \$0             |
| 2019         | \$35,000        |
| 2020         | \$0             |
| 2021         | \$0             |
| 2022         | \$0             |
| <b>Total</b> | <b>\$35,000</b> |

**9. Compliance with Council objective/strategic plan (if applicable):**

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

**1. Department / Function: Housing - 2019**

**Details of Project/Study: Asphalt Parking Lot (248 Queen Street, Durham)**

**2. Total Gross Cost of Proposed Capital Project/Study: \$15,000**

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              | \$15,000              |           |                 |

Remove existing asphalt paving. Supply and install 12" Granular A, 4" Granular 'B'. Install new 2" asphalt paving. Painted parking lines and barrier free symbols.

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018 | 2019     | 2020 | 2021 | 2022 | Total           |
|--------------|------|----------|------|------|------|-----------------|
| <b>Gross</b> | \$0  | \$15,000 | \$0  | \$0  | \$0  | <b>\$15,000</b> |
| <b>Net</b>   | \$0  | \$15,000 | \$0  | \$0  | \$0  | <b>\$15,000</b> |

**3. Estimated Useful Life:**

**4. Location of Project/Study (if applicable):**

| Facility Name / Address | Municipality              |
|-------------------------|---------------------------|
| 248 Queen Street        | Municipality of West Grey |

**5. Need or Benefit(s) of Project (including safety issues):**

Parking lot at end of useful life, trip and fall hazard, increased maintenance.

**6. Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:**

|              | 2017 | 2018 | 2019     | 2020 | 2021 | Total           |
|--------------|------|------|----------|------|------|-----------------|
| <b>Gross</b> | \$0  | \$0  | \$15,000 | \$0  | \$0  | <b>\$15,000</b> |
| <b>Net</b>   | \$0  | \$0  | \$15,000 | \$0  | \$0  | <b>\$15,000</b> |

**7. Consequences/Implications of Not Undertaking Project (including alternatives):**

Parking lot at end of useful life, trip and fall hazard, increased maintenance.

**8. Identify Sources and Amounts of Funding**

|              | Taxation        |
|--------------|-----------------|
| 2018         | \$0             |
| 2019         | \$15,000        |
| 2020         | \$0             |
| 2021         | \$0             |
| 2022         | \$0             |
| <b>Total</b> | <b>\$15,000</b> |

**9. Compliance with Council objective/strategic plan (if applicable):**

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

**1. Department / Function: Housing - 2019**

**Details of Project/Study: Kitchen Rebuild (43 Hill Street, Flesherton)**

**2. Total Gross Cost of Proposed Capital Project/Study: \$60,000**

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              | \$60,000              |           |                 |

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018 | 2019     | 2020 | 2021 | 2022 | Total           |
|--------------|------|----------|------|------|------|-----------------|
| <b>Gross</b> | \$0  | \$60,000 | \$0  | \$0  | \$0  | <b>\$60,000</b> |
| <b>Net</b>   | \$0  | \$60,000 | \$0  | \$0  | \$0  | <b>\$60,000</b> |

**3. Estimated Useful Life: 20 years**

**4. Location of Project/Study (if applicable):**

| Facility Name / Address    | Municipality                   |
|----------------------------|--------------------------------|
| 43 Hill Street, Flesherton | Municipality of Grey Highlands |

**5. Need or Benefit(s) of Project (including safety issues):**

Cabinets at end of life cycle. Maintenance free materials to be selected creating greater life cycle.

**6. Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:**

|              | 2017 | 2018 | 2019     | 2020 | 2021 | Total           |
|--------------|------|------|----------|------|------|-----------------|
| <b>Gross</b> | \$0  | \$0  | \$60,000 | \$0  | \$0  | <b>\$60,000</b> |
| <b>Net</b>   | \$0  | \$0  | \$60,000 | \$0  | \$0  | <b>\$60,000</b> |

**7. Consequences/Implications of Not Undertaking Project (including alternatives):**

At end of useful life, increased cost to operating budget for maintenance repairs on cabinets and hardware.

**8. Identify Sources and Amounts of Funding**

|              | Taxation        |
|--------------|-----------------|
| 2018         | \$0             |
| 2019         | \$60,000        |
| 2020         | \$0             |
| 2021         | \$0             |
| 2022         | \$0             |
| <b>Total</b> | <b>\$60,000</b> |

**9. Compliance with Council objective/strategic plan (if applicable):**

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

**1. Department / Function: Housing - 2019**

**Details of Project/Study: Flooring Replacement (490 7th Avenue East, Owen Sound)**

**2. Total Gross Cost of Proposed Capital Project/Study: \$50,000**

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              | \$50,000              |           |                 |

Replace existing carpet in corridors and common areas.

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018 | 2019     | 2020 | 2021 | 2022 | Total           |
|--------------|------|----------|------|------|------|-----------------|
| <b>Gross</b> | \$0  | \$50,000 | \$0  | \$0  | \$0  | <b>\$50,000</b> |
| <b>Net</b>   | \$0  | \$50,000 | \$0  | \$0  | \$0  | <b>\$50,000</b> |

**3. Estimated Useful Life: 15-20 years**

**4. Location of Project/Study (if applicable):**

| Facility Name / Address | Municipality       |
|-------------------------|--------------------|
| 490 7th Avenue East     | City of Owen Sound |

**5. Need or Benefit(s) of Project (including safety issues):**

Flooring will be at end of useful life, trip and fall hazard to members of the public and tenants.

**6. Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:**

|              | 2017 | 2018 | 2019     | 2020 | 2021 | Total           |
|--------------|------|------|----------|------|------|-----------------|
| <b>Gross</b> | \$0  | \$0  | \$50,000 | \$0  | \$0  | <b>\$50,000</b> |
| <b>Net</b>   | \$0  | \$0  | \$50,000 | \$0  | \$0  | <b>\$50,000</b> |

**7. Consequences/Implications of Not Undertaking Project (including alternatives):**

Potential for trip and fall hazard.

**8. Identify Sources and Amounts of Funding**

|              | Taxation        |
|--------------|-----------------|
| 2018         | \$0             |
| 2019         | \$50,000        |
| 2020         | \$0             |
| 2021         | \$0             |
| 2022         | \$0             |
| <b>Total</b> | <b>\$50,000</b> |

**9. Compliance with Council objective/strategic plan (if applicable):**

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

**1. Department / Function: Housing - 2019**

**Details of Project/Study: Flooring Replacement (225 14th Street West, Owen Sound)**

**2. Total Gross Cost of Proposed Capital Project/Study: \$60,000**

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              | \$60,000              |           |                 |

Replace existing carpet in corridors and common areas.

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018 | 2019     | 2020 | 2021 | 2022 | Total           |
|--------------|------|----------|------|------|------|-----------------|
| <b>Gross</b> | \$0  | \$60,000 | \$0  | \$0  | \$0  | <b>\$60,000</b> |
| <b>Net</b>   | \$0  | \$60,000 | \$0  | \$0  | \$0  | <b>\$60,000</b> |

**3. Estimated Useful Life: 15 years**

**4. Location of Project/Study (if applicable):**

| Facility Name / Address | Municipality       |
|-------------------------|--------------------|
| 225 14th Street West    | City of Owen Sound |

**5. Need or Benefit(s) of Project (including safety issues):**

Replace existing carpet with new non-slip flooring. Reduced maintenance costs.

**6. Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:**

|              | 2017 | 2018 | 2019     | 2020 | 2021 | Total           |
|--------------|------|------|----------|------|------|-----------------|
| <b>Gross</b> | \$0  | \$0  | \$60,000 | \$0  | \$0  | <b>\$60,000</b> |
| <b>Net</b>   | \$0  | \$0  | \$60,000 | \$0  | \$0  | <b>\$60,000</b> |

**7. Consequences/Implications of Not Undertaking Project (including alternatives):**

Increase chances of slips and falls.

**8. Identify Sources and Amounts of Funding**

|              | Taxation        |
|--------------|-----------------|
| 2018         | \$0             |
| 2019         | \$60,000        |
| 2020         | \$0             |
| 2021         | \$0             |
| 2022         | \$0             |
| <b>Total</b> | <b>\$60,000</b> |

**9. Compliance with Council objective/strategic plan (if applicable):**

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

**1. Department / Function: Housing - 2019**

**Details of Project/Study: Siding Replacement (43 Hill Street, Flesherton)**

**2. Total Gross Cost of Proposed Capital Project/Study: \$10,000**

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              | \$10,000              |           |                 |

Remove existing siding, install air barrier with strapping and low maintenance siding.

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018 | 2019     | 2020 | 2021 | 2022 | Total           |
|--------------|------|----------|------|------|------|-----------------|
| <b>Gross</b> | \$0  | \$10,000 | \$0  | \$0  | \$0  | <b>\$10,000</b> |
| <b>Net</b>   | \$0  | \$10,000 | \$0  | \$0  | \$0  | <b>\$10,000</b> |

**3. Estimated Useful Life: 25 years**

**4. Location of Project/Study (if applicable):**

| Facility Name / Address    | Municipality                   |
|----------------------------|--------------------------------|
| 43 Hill Street, Flesherton | Municipality of Grey Highlands |

**5. Need or Benefit(s) of Project (including safety issues):**

Siding reaching end of life cycle. New construction techniques applied for lower maintenance costs/replacement.

**6. Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:**

|              | 2017 | 2018 | 2019     | 2020 | 2021 | Total           |
|--------------|------|------|----------|------|------|-----------------|
| <b>Gross</b> | \$0  | \$0  | \$10,000 | \$0  | \$0  | <b>\$10,000</b> |
| <b>Net</b>   | \$0  | \$0  | \$10,000 | \$0  | \$0  | <b>\$10,000</b> |

**7. Consequences/Implications of Not Undertaking Project (including alternatives):**

Further damage to building envelope, weather penetration, leaks, mould

**8. Identify Sources and Amounts of Funding**

|              | Taxation        |
|--------------|-----------------|
| 2018         | \$0             |
| 2019         | \$10,000        |
| 2020         | \$0             |
| 2021         | \$0             |
| 2022         | \$0             |
| <b>Total</b> | <b>\$10,000</b> |

**9. Compliance with Council objective/strategic plan (if applicable):**

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

**1. Department / Function: Housing - 2019**

**Details of Project/Study: Asphalt Parking Lot (250 12th Avenue, Hanover)**

**2. Total Gross Cost of Proposed Capital Project/Study: \$20,000**

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              | \$20,000              |           |                 |

25 unit 2 storey building located in Hanover. Remove existing asphalt paving. Supply and install 12" Granular A, 4" Granular 'B'. Install new 2" asphalt paving. Painted parking lines and barrier free symbols.

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018 | 2019     | 2020 | 2021 | 2022 | Total           |
|--------------|------|----------|------|------|------|-----------------|
| <b>Gross</b> | \$0  | \$20,000 | \$0  | \$0  | \$0  | <b>\$20,000</b> |
| <b>Net</b>   | \$0  | \$20,000 | \$0  | \$0  | \$0  | <b>\$20,000</b> |

**3. Estimated Useful Life: 15 years**

**4. Location of Project/Study (if applicable):**

| Facility Name / Address | Municipality    |
|-------------------------|-----------------|
| 250 12th Avenue         | Town of Hanover |

**5. Need or Benefit(s) of Project (including safety issues):**

Existing asphalt paving is starting to show cracks, damage and is at its end of life cycle. Replacing the existing surface will eliminate damage and reduce the amount of slips and trips.

**6. Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:**

|              | 2017 | 2018 | 2019     | 2020 | 2021 | Total           |
|--------------|------|------|----------|------|------|-----------------|
| <b>Gross</b> | \$0  | \$0  | \$20,000 | \$0  | \$0  | <b>\$20,000</b> |
| <b>Net</b>   | \$0  | \$0  | \$20,000 | \$0  | \$0  | <b>\$20,000</b> |

**7. Consequences/Implications of Not Undertaking Project (including alternatives):**

If no action taken existing asphalt will begin to crumble and cause cracking and damage due to freeze/thaw conditions. A greater chance of a slip or trip could occur.

**8. Identify Sources and Amounts of Funding**

|              | Taxation        |
|--------------|-----------------|
| 2018         | \$0             |
| 2019         | \$20,000        |
| 2020         | \$0             |
| 2021         | \$0             |
| 2022         | \$0             |
| <b>Total</b> | <b>\$20,000</b> |

**9. Compliance with Council objective/strategic plan (if applicable):**

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

**1. Department / Function: Housing - 2019**

**Details of Project/Study: Kitchen Rebuilds (650 4th Street A East Owen Sound)**

**2. Total Gross Cost of Proposed Capital Project/Study: \$400,000**

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              | \$400,000             |           |                 |

New kitchens to be installed that will be easily fixed if damage in future. New shut offs installs in case of emergency. New exhaust fans to properly vent to unit. 54 Unit building.

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018 | 2019      | 2020 | 2021 | 2022 | Total            |
|--------------|------|-----------|------|------|------|------------------|
| <b>Gross</b> | \$0  | \$400,000 | \$0  | \$0  | \$0  | <b>\$400,000</b> |
| <b>Net</b>   | \$0  | \$400,000 | \$0  | \$0  | \$0  | <b>\$400,000</b> |

**3. Estimated Useful Life: 20 years**

**4. Location of Project/Study (if applicable):**

| Facility Name / Address | Municipality       |
|-------------------------|--------------------|
| 650 4th St A East       | City of Owen Sound |

**5. Need or Benefit(s) of Project (including safety issues):**

With ongoing issues of replacing doors, hinges material are harder match. Shut offs not properly working under sinks.

**6. Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:**

|              | 2017 | 2018 | 2019      | 2020 | 2021 | Total            |
|--------------|------|------|-----------|------|------|------------------|
| <b>Gross</b> | \$0  | \$0  | \$450,000 | \$0  | \$0  | <b>\$450,000</b> |
| <b>Net</b>   | \$0  | \$0  | \$450,000 | \$0  | \$0  | <b>\$450,000</b> |

**7. Consequences/Implications of Not Undertaking Project (including alternatives):**

Increase in costs of replacing units on a single unit at a time.

**8. Identify Sources and Amounts of Funding**

|              | Taxation         |
|--------------|------------------|
| 2018         | \$0              |
| 2019         | \$400,000        |
| 2020         | \$0              |
| 2021         | \$0              |
| 2022         | \$0              |
| <b>Total</b> | <b>\$400,000</b> |

**9. Compliance with Council objective/strategic plan (if applicable):**

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

**1. Department / Function: Housing - 2020**

**Details of Project/Study: Asphalt Parking Lot (305 14th Street West, Owen Sound)**

**2. Total Gross Cost of Proposed Capital Project/Study: \$75,000**

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              | \$75,000              |           |                 |

Remove existing asphalt paving. Supply and install 12" Granular A, 4" Granular 'B'. Install new 2" asphalt paving. Painted parking lines and barrier free symbols.

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018 | 2019 | 2020     | 2021 | 2022 | Total           |
|--------------|------|------|----------|------|------|-----------------|
| <b>Gross</b> | \$0  | \$0  | \$75,000 | \$0  | \$0  | <b>\$75,000</b> |
| <b>Net</b>   | \$0  | \$0  | \$75,000 | \$0  | \$0  | <b>\$75,000</b> |

**3. Estimated Useful Life: 20 years**

**4. Location of Project/Study (if applicable):**

| Facility Name / Address | Municipality       |
|-------------------------|--------------------|
| 305 14th Street West    | City of Owen Sound |

**5. Need or Benefit(s) of Project (including safety issues):**

Asphalt reaching end of life cycle. Cracks and uneven surfaces create unsafe conditions for tenants.

**6. Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:**

|              | 2017 | 2018     | 2019 | 2020 | 2021 | Total           |
|--------------|------|----------|------|------|------|-----------------|
| <b>Gross</b> | \$0  | \$75,000 | \$0  | \$0  | \$0  | <b>\$75,000</b> |
| <b>Net</b>   | \$0  | \$75,000 | \$0  | \$0  | \$0  | <b>\$75,000</b> |

**7. Consequences/Implications of Not Undertaking Project (including alternatives):**

To prevent slips and falls in parking lot. Update parking symbols to meet current requirements.

**8. Identify Sources and Amounts of Funding**

|              | Taxation        |
|--------------|-----------------|
| 2018         | \$0             |
| 2019         | \$0             |
| 2020         | \$75,000        |
| 2021         | \$0             |
| 2022         | \$0             |
| <b>Total</b> | <b>\$75,000</b> |

**9. Compliance with Council objective/strategic plan (if applicable):**

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

**1. Department / Function: Housing - 2020**

**Details of Project/Study: Corridor Wall Replacement, Suite Doors (130 Rowe's Lane Dundalk)**

**2. Total Gross Cost of Proposed Capital Project/Study: \$15,000**

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              | \$15,000              |           |                 |

Two Storey, 11 Unit Apartment

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018 | 2019 | 2020     | 2021 | 2022 | Total           |
|--------------|------|------|----------|------|------|-----------------|
| <b>Gross</b> | \$0  | \$0  | \$15,000 | \$0  | \$0  | <b>\$15,000</b> |
| <b>Net</b>   | \$0  | \$0  | \$15,000 | \$0  | \$0  | <b>\$15,000</b> |

**3. Estimated Useful Life: 20 years**

**4. Location of Project/Study (if applicable):**

| Facility Name / Address | Municipality          |
|-------------------------|-----------------------|
| 130 Rowe's Lane         | Township of Southgate |

**5. Need or Benefit(s) of Project (including safety issues):**

Existing doors at end of life cycle. New fire rated to be installed with greater fire rating. Replacing wood doors with steel doors will also reduce maintenance costs and allow for a greater life span.

**6. Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:**

|              | 2017 | 2018 | 2019 | 2020     | 2021 | Total           |
|--------------|------|------|------|----------|------|-----------------|
| <b>Gross</b> | \$0  | \$0  | \$0  | \$15,000 | \$0  | <b>\$15,000</b> |
| <b>Net</b>   | \$0  | \$0  | \$0  | \$15,000 | \$0  | <b>\$15,000</b> |

**7. Consequences/Implications of Not Undertaking Project (including alternatives):**

If not replaced increase in operating costs would occur. Health and Safety issues may arise from damaged doors.

**8. Identify Sources and Amounts of Funding**

|              | Taxation        |
|--------------|-----------------|
| 2018         | \$0             |
| 2019         | \$0             |
| 2020         | \$15,000        |
| 2021         | \$0             |
| 2022         | \$0             |
| <b>Total</b> | <b>\$15,000</b> |

**9. Compliance with Council objective/strategic plan (if applicable):**

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

**1. Department / Function: Housing - 2020**

**Details of Project/Study: Siding Replacement (40 Artemesia St Dundalk)**

**2. Total Gross Cost of Proposed Capital Project/Study: \$10,000**

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              | \$10,000              |           |                 |

Replace existing aluminum siding on building. New low maintenance material to be installed to reduce operating costs. Insulation and air barrier may be added to increase building envelope efficiency.

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018 | 2019 | 2020     | 2021 | 2022 | Total           |
|--------------|------|------|----------|------|------|-----------------|
| <b>Gross</b> | \$0  | \$0  | \$10,000 | \$0  | \$0  | <b>\$10,000</b> |
| <b>Net</b>   | \$0  | \$0  | \$10,000 | \$0  | \$0  | <b>\$10,000</b> |

**3. Estimated Useful Life: 20 years**

**4. Location of Project/Study (if applicable):**

| Facility Name / Address | Municipality          |
|-------------------------|-----------------------|
| 40 Artemesia St Dundalk | Township of Southgate |

**5. Need or Benefit(s) of Project (including safety issues):**

If not replaced water damage could penetrate existing building envelope causing further damage to the structure. This would increase our maintenance costs to the building.

**6. Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:**

|              | 2017 | 2018 | 2019 | 2020     | 2021 | Total           |
|--------------|------|------|------|----------|------|-----------------|
| <b>Gross</b> | \$0  | \$0  | \$0  | \$10,000 | \$0  | <b>\$10,000</b> |
| <b>Net</b>   | \$0  | \$0  | \$0  | \$10,000 | \$0  | <b>\$10,000</b> |

**7. Consequences/Implications of Not Undertaking Project (including alternatives):**

Water damage could penetrate existing building envelope causing further damage to the structure. Increased maintenance costs to the building.

**8. Identify Sources and Amounts of Funding**

|              | Taxation        |
|--------------|-----------------|
| 2018         | \$0             |
| 2019         | \$0             |
| 2020         | \$10,000        |
| 2021         | \$0             |
| 2022         | \$0             |
| <b>Total</b> | <b>\$10,000</b> |

**9. Compliance with Council objective/strategic plan (if applicable):**

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

**1. Department / Function: Housing - 2020**

**Details of Project/Study: Patio Door Replacement (40 Artemesia St Dundalk)**

**2. Total Gross Cost of Proposed Capital Project/Study: \$25,000**

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              | \$25,000              |           |                 |

Two Storey, 14 Unit Apartment

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018 | 2019 | 2020     | 2021 | 2022 | Total           |
|--------------|------|------|----------|------|------|-----------------|
| <b>Gross</b> | \$0  | \$0  | \$25,000 | \$0  | \$0  | <b>\$25,000</b> |
| <b>Net</b>   | \$0  | \$0  | \$25,000 | \$0  | \$0  | <b>\$25,000</b> |

**3. Estimated Useful Life: 20 years**

**4. Location of Project/Study (if applicable):**

| Facility Name / Address | Municipality          |
|-------------------------|-----------------------|
| 40 Artemesia St Dundalk | Township of Southgate |

**5. Need or Benefit(s) of Project (including safety issues):**

Replace existing exterior doors with new energy efficient doors to reduce operating cost. It will also reduce maintenance costs.

**6. Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:**

|              | 2017 | 2018 | 2019 | 2020     | 2021 | Total           |
|--------------|------|------|------|----------|------|-----------------|
| <b>Gross</b> | \$0  | \$0  | \$0  | \$25,000 | \$0  | <b>\$25,000</b> |
| <b>Net</b>   | \$0  | \$0  | \$0  | \$25,000 | \$0  | <b>\$25,000</b> |

**7. Consequences/Implications of Not Undertaking Project (including alternatives):**

If not replaced water damage could start to penetrate around opening causing damage to the building envelope. Thermal efficiency of door would be lost therefore increasing operating costs.

**8. Identify Sources and Amounts of Funding**

|              | Taxation        |
|--------------|-----------------|
| 2018         | \$0             |
| 2019         | \$0             |
| 2020         | \$25,000        |
| 2021         | \$0             |
| 2022         | \$0             |
| <b>Total</b> | <b>\$25,000</b> |

**9. Compliance with Council objective/strategic plan (if applicable):**

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

**1. Department / Function: Housing - 2020**

**Details of Project/Study: Ceiling and Lighting Upgrades (208 Queen St. Durham)**

**2. Total Gross Cost of Proposed Capital Project/Study: \$30,000**

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              | \$30,000              |           |                 |

One Storey, 25 Unit Apartment

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018 | 2019 | 2020     | 2021 | 2022 | Total           |
|--------------|------|------|----------|------|------|-----------------|
| <b>Gross</b> | \$0  | \$0  | \$30,000 | \$0  | \$0  | <b>\$30,000</b> |
| <b>Net</b>   | \$0  | \$0  | \$30,000 | \$0  | \$0  | <b>\$30,000</b> |

**3. Estimated Useful Life: 15 years**

**4. Location of Project/Study (if applicable):**

| Facility Name / Address | Municipality              |
|-------------------------|---------------------------|
| 208 Queen St Durham     | Municipality of West Grey |

**5. Need or Benefit(s) of Project (including safety issues):**

Replacement of lighting to new LED lighting we reduce hydro costs. Ceiling is at end of life and needs to be replaced incorporate new lighting design.

**6. Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:**

|              | 2017 | 2018 | 2019 | 2020     | 2021 | Total           |
|--------------|------|------|------|----------|------|-----------------|
| <b>Gross</b> | \$0  | \$0  | \$0  | \$30,000 | \$0  | <b>\$30,000</b> |
| <b>Net</b>   | \$0  | \$0  | \$0  | \$30,000 | \$0  | <b>\$30,000</b> |

**7. Consequences/Implications of Not Undertaking Project (including alternatives):**

Corridor lighting is on 24 hours 7 days a week. If not replaced hydro costs will keep increasing. LED lights also provide a brighter building reducing safety concerns at night.

**8. Identify Sources and Amounts of Funding**

|              | Taxation        |
|--------------|-----------------|
| 2018         | \$0             |
| 2019         | \$0             |
| 2020         | \$30,000        |
| 2021         | \$0             |
| 2022         | \$0             |
| <b>Total</b> | <b>\$30,000</b> |

**9. Compliance with Council objective/strategic plan (if applicable):**

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

**1. Department / Function: Housing - 2020**

**Details of Project/Study: Main Suite Doors (481 11th St Hanover)**

**2. Total Gross Cost of Proposed Capital Project/Study: \$12,000**

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              | \$12,000              |           |                 |

Two Storey, 19 Unit Apartment

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018 | 2019 | 2020     | 2021 | 2022 | Total           |
|--------------|------|------|----------|------|------|-----------------|
| <b>Gross</b> | \$0  | \$0  | \$12,000 | \$0  | \$0  | <b>\$12,000</b> |
| <b>Net</b>   | \$0  | \$0  | \$12,000 | \$0  | \$0  | <b>\$12,000</b> |

**3. Estimated Useful Life: 25 years**

**4. Location of Project/Study (if applicable):**

| Facility Name / Address | Municipality    |
|-------------------------|-----------------|
| 481 11th St Hanover     | Town of Hanover |

**5. Need or Benefit(s) of Project (including safety issues):**

Existing Doors and Metal Frames ending useful life. New steel fire rated doors to be installed.

**6. Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:**

|              | 2017 | 2018 | 2019 | 2020     | 2021 | Total           |
|--------------|------|------|------|----------|------|-----------------|
| <b>Gross</b> | \$0  | \$0  | \$0  | \$12,000 | \$0  | <b>\$12,000</b> |
| <b>Net</b>   | \$0  | \$0  | \$0  | \$12,000 | \$0  | <b>\$12,000</b> |

**7. Consequences/Implications of Not Undertaking Project (including alternatives):**

Increase in maintenance costs.

**8. Identify Sources and Amounts of Funding**

|              | Taxation        |
|--------------|-----------------|
| 2018         | \$0             |
| 2019         | \$0             |
| 2020         | \$12,000        |
| 2021         | \$0             |
| 2022         | \$0             |
| <b>Total</b> | <b>\$12,000</b> |

**9. Compliance with Council objective/strategic plan (if applicable):**

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

**1. Department / Function: Housing - 2020**

**Details of Project/Study: Roof Replacement with Eavestrough  
(250 12th Ave. Hanover)**

**2. Total Gross Cost of Proposed Capital Project/Study: \$150,000**

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              | \$150,000             |           |                 |

Two Storey, 25 Unit Apartment

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018 | 2019 | 2020      | 2021 | 2022 | Total            |
|--------------|------|------|-----------|------|------|------------------|
| <b>Gross</b> | \$0  | \$0  | \$150,000 | \$0  | \$0  | <b>\$150,000</b> |
| <b>Net</b>   | \$0  | \$0  | \$150,000 | \$0  | \$0  | <b>\$150,000</b> |

**3. Estimated Useful Life: 35 years**

**4. Location of Project/Study (if applicable):**

| Facility Name / Address | Municipality    |
|-------------------------|-----------------|
| 250 12th Ave. Hanover   | Town of Hanover |

**5. Need or Benefit(s) of Project (including safety issues):**

Removal of existing asphalt shingles. New steel roof to be installed. Steel provides greater life span.

**6. Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:**

|              | 2017 | 2018 | 2019 | 2020     | 2021 | Total           |
|--------------|------|------|------|----------|------|-----------------|
| <b>Gross</b> | \$0  | \$0  | \$0  | \$50,000 | \$0  | <b>\$50,000</b> |
| <b>Net</b>   | \$0  | \$0  | \$0  | \$50,000 | \$0  | <b>\$50,000</b> |

**7. Consequences/Implications of Not Undertaking Project (including alternatives):**

Asphalt shingles will fail causes water damage to existing structure.

**8. Identify Sources and Amounts of Funding**

|              | Taxation         |
|--------------|------------------|
| 2018         | \$0              |
| 2019         | \$0              |
| 2020         | \$150,000        |
| 2021         | \$0              |
| 2022         | \$0              |
| <b>Total</b> | <b>\$150,000</b> |

**9. Compliance with Council objective/strategic plan (if applicable):**

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

**1. Department / Function: Housing - 2020**

**Details of Project/Study: Suite Door (250 12th Ave. Hanover)**

**2. Total Gross Cost of Proposed Capital Project/Study: \$16,000**

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              | \$16,000              |           |                 |

Two storey, 25 Unit Apartment

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018 | 2019 | 2020     | 2021 | 2022 | Total           |
|--------------|------|------|----------|------|------|-----------------|
| <b>Gross</b> | \$0  | \$0  | \$16,000 | \$0  | \$0  | <b>\$16,000</b> |
| <b>Net</b>   | \$0  | \$0  | \$16,000 | \$0  | \$0  | <b>\$16,000</b> |

**3. Estimated Useful Life: 20 years**

**4. Location of Project/Study (if applicable):**

| Facility Name / Address | Municipality    |
|-------------------------|-----------------|
| 250 12th Ave. Hanover   | Town of Hanover |

**5. Need or Benefit(s) of Project (including safety issues):**

Increase fire rating of existing doors.

**6. Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:**

|              | 2017 | 2018 | 2019 | 2020     | 2021 | Total           |
|--------------|------|------|------|----------|------|-----------------|
| <b>Gross</b> | \$0  | \$0  | \$0  | \$16,000 | \$0  | <b>\$16,000</b> |
| <b>Net</b>   | \$0  | \$0  | \$0  | \$16,000 | \$0  | <b>\$16,000</b> |

**7. Consequences/Implications of Not Undertaking Project (including alternatives):**

Increase in maintenance costs to repair doors.

**8. Identify Sources and Amounts of Funding**

|              | Taxation        |
|--------------|-----------------|
| 2018         | \$0             |
| 2019         | \$0             |
| 2020         | \$16,000        |
| 2021         | \$0             |
| 2022         | \$0             |
| <b>Total</b> | <b>\$16,000</b> |

**9. Compliance with Council objective/strategic plan (if applicable):**

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

**1. Department / Function: Housing - 2020**

**Details of Project/Study: Roof Replacement & Eavestrough (99 Argyle St. Markdale)**

**2. Total Gross Cost of Proposed Capital Project/Study: \$100,000**

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              | \$100,000             |           |                 |

One Storey, 10 Unit Apartment

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018 | 2019 | 2020      | 2021 | 2022 | Total            |
|--------------|------|------|-----------|------|------|------------------|
| <b>Gross</b> | \$0  | \$0  | \$100,000 | \$0  | \$0  | <b>\$100,000</b> |
| <b>Net</b>   | \$0  | \$0  | \$100,000 | \$0  | \$0  | <b>\$100,000</b> |

**3. Estimated Useful Life:**

**4. Location of Project/Study (if applicable):**

| Facility Name / Address | Municipality                   |
|-------------------------|--------------------------------|
| 99 Argyle St. Markdale  | Municipality of Grey Highlands |

**5. Need or Benefit(s) of Project (including safety issues):**

Existing asphalt shingles at end of life. New steel roof to be installed providing lower maintenance costs and adding greater life cycle.

**6. Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:**

|              | 2017 | 2018 | 2019 | 2020     | 2021 | Total           |
|--------------|------|------|------|----------|------|-----------------|
| <b>Gross</b> | \$0  | \$0  | \$0  | \$40,000 | \$0  | <b>\$40,000</b> |
| <b>Net</b>   | \$0  | \$0  | \$0  | \$40,000 | \$0  | <b>\$40,000</b> |

**7. Consequences/Implications of Not Undertaking Project (including alternatives):**

Damage to existing structure due to leaks. Increase maintenance costs.

**8. Identify Sources and Amounts of Funding**

|              | Taxation         |
|--------------|------------------|
| 2018         | \$0              |
| 2019         | \$0              |
| 2020         | \$100,000        |
| 2021         | \$0              |
| 2022         | \$0              |
| <b>Total</b> | <b>\$100,000</b> |

**9. Compliance with Council objective/strategic plan (if applicable):**

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

**1. Department / Function: Housing - 2020**

**Details of Project/Study: Ceiling and Lighting Upgrades (100 Marg. Eliz Markdale)**

**2. Total Gross Cost of Proposed Capital Project/Study: \$25,000**

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              | \$25,000              |           |                 |

Two Storey, 20 Unit Apartment

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018 | 2019 | 2020     | 2021 | 2022 | Total           |
|--------------|------|------|----------|------|------|-----------------|
| <b>Gross</b> | \$0  | \$0  | \$25,000 | \$0  | \$0  | <b>\$25,000</b> |
| <b>Net</b>   | \$0  | \$0  | \$25,000 | \$0  | \$0  | <b>\$25,000</b> |

**3. Estimated Useful Life:**

**4. Location of Project/Study (if applicable):**

| Facility Name / Address      | Municipality                   |
|------------------------------|--------------------------------|
| 100 Marg. Elizabeth Markdale | Municipality of Grey Highlands |

**5. Need or Benefit(s) of Project (including safety issues):**

New lighting to be LED lights decreasing hydro costs. Increase in visibility in hallways and common areas.

**6. Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:**

|              | 2017 | 2018 | 2019 | 2020     | 2021 | Total           |
|--------------|------|------|------|----------|------|-----------------|
| <b>Gross</b> | \$0  | \$0  | \$0  | \$25,000 | \$0  | <b>\$25,000</b> |
| <b>Net</b>   | \$0  | \$0  | \$0  | \$25,000 | \$0  | <b>\$25,000</b> |

**7. Consequences/Implications of Not Undertaking Project (including alternatives):**

Increase in maintenance and hydro costs.

**8. Identify Sources and Amounts of Funding**

|              | Taxation        |
|--------------|-----------------|
| 2018         | \$0             |
| 2019         | \$0             |
| 2020         | \$25,000        |
| 2021         | \$0             |
| 2022         | \$0             |
| <b>Total</b> | <b>\$25,000</b> |

**9. Compliance with Council objective/strategic plan (if applicable):**

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

**1. Department / Function: Housing - 2020**

**Details of Project/Study: Roof Replacement & Eavestrough (100 Marg Eliz. Markdale)**

**2. Total Gross Cost of Proposed Capital Project/Study: \$100,000**

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              | \$100,000             |           |                 |

Two Storey, 20 Unit Apartment

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018 | 2019 | 2020      | 2021 | 2022 | Total            |
|--------------|------|------|-----------|------|------|------------------|
| <b>Gross</b> | \$0  | \$0  | \$100,000 | \$0  | \$0  | <b>\$100,000</b> |
| <b>Net</b>   | \$0  | \$0  | \$100,000 | \$0  | \$0  | <b>\$100,000</b> |

**3. Estimated Useful Life: 35 years**

**4. Location of Project/Study (if applicable):**

| Facility Name / Address                | Municipality                   |
|----------------------------------------|--------------------------------|
| 100 Margaret Elizabeth Avenue Markdale | Municipality of Grey Highlands |

**5. Need or Benefit(s) of Project (including safety issues):**

Shingles at end of life, new steel roof to be installed added increase in life cycle.

**6. Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:**

|              | 2017 | 2018 | 2019 | 2020     | 2021 | Total           |
|--------------|------|------|------|----------|------|-----------------|
| <b>Gross</b> | \$0  | \$0  | \$0  | \$80,000 | \$0  | <b>\$80,000</b> |
| <b>Net</b>   | \$0  | \$0  | \$0  | \$80,000 | \$0  | <b>\$80,000</b> |

**7. Consequences/Implications of Not Undertaking Project (including alternatives):**

Damage to existing roof structure. Increase in maintenance

**8. Identify Sources and Amounts of Funding**

|              | Taxation         |
|--------------|------------------|
| 2018         | \$0              |
| 2019         | \$0              |
| 2020         | \$100,000        |
| 2021         | \$0              |
| 2022         | \$0              |
| <b>Total</b> | <b>\$100,000</b> |

**9. Compliance with Council objective/strategic plan (if applicable):**

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

**1. Department / Function: Housing - 2020**

**Details of Project/Study: Ashpalt Replacement (157 Nelson St. Meaford)**

**2. Total Gross Cost of Proposed Capital Project/Study: \$15,000**

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              | \$15,000              |           |                 |

Remove existing asphalt paving. Supply and install 12" Granular A, 4" Granular 'B'. Install new 2" asphalt paving. Painted parking lines and barrier free symbols.

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018 | 2019 | 2020     | 2021 | 2022 | Total           |
|--------------|------|------|----------|------|------|-----------------|
| <b>Gross</b> | \$0  | \$0  | \$15,000 | \$0  | \$0  | <b>\$15,000</b> |
| <b>Net</b>   | \$0  | \$0  | \$15,000 | \$0  | \$0  | <b>\$15,000</b> |

**3. Estimated Useful Life: 20 years**

**4. Location of Project/Study (if applicable):**

| Facility Name / Address | Municipality            |
|-------------------------|-------------------------|
| 157 Nelson St. Meaford  | Municipality of Meaford |

**5. Need or Benefit(s) of Project (including safety issues):**

Replace existing asphalt paving that is cracking and uneven. Existing asphalt paving is starting to show cracks, damage and is at its end of life cycle. Replacing the existing surface will eliminate damage and reduce the amount of slips and trips.

**6. Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:**

|              | 2017 | 2018 | 2019 | 2020     | 2021 | Total           |
|--------------|------|------|------|----------|------|-----------------|
| <b>Gross</b> | \$0  | \$0  | \$0  | \$15,000 | \$0  | <b>\$15,000</b> |
| <b>Net</b>   | \$0  | \$0  | \$0  | \$15,000 | \$0  | <b>\$15,000</b> |

**7. Consequences/Implications of Not Undertaking Project (including alternatives):**

Health and Safety concerns

**8. Identify Sources and Amounts of Funding**

|              | Taxation        |
|--------------|-----------------|
| 2018         | \$0             |
| 2019         | \$0             |
| 2020         | \$15,000        |
| 2021         | \$0             |
| 2022         | \$0             |
| <b>Total</b> | <b>\$15,000</b> |

**9. Compliance with Council objective/strategic plan (if applicable):**

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

**1. Department / Function: Housing - 2020**

**Details of Project/Study: Air Make Up System (159 Parker St. Meaford)**

**2. Total Gross Cost of Proposed Capital Project/Study: \$60,000**

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              | \$60,000              |           |                 |

Two storey, 30 Unit Apartment

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018 | 2019 | 2020     | 2021 | 2022 | Total           |
|--------------|------|------|----------|------|------|-----------------|
| <b>Gross</b> | \$0  | \$0  | \$60,000 | \$0  | \$0  | <b>\$60,000</b> |
| <b>Net</b>   | \$0  | \$0  | \$0      | \$0  | \$0  | <b>\$0</b>      |

**3. Estimated Useful Life: 20 years**

**4. Location of Project/Study (if applicable):**

| Facility Name / Address | Municipality            |
|-------------------------|-------------------------|
| 159 Parker St. Meaford  | Municipality of Meaford |

**5. Need or Benefit(s) of Project (including safety issues):**

Existing system is at is end of life cycle. Installing a new higher efficiency model would reduce operating costs and provide greater air quality to the building.

**6. Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:**

|              | 2017 | 2018 | 2019 | 2020     | 2021 | Total           |
|--------------|------|------|------|----------|------|-----------------|
| <b>Gross</b> | \$0  | \$0  | \$0  | \$60,000 | \$0  | <b>\$60,000</b> |
| <b>Net</b>   | \$0  | \$0  | \$0  | \$0      | \$0  | <b>\$0</b>      |

**7. Consequences/Implications of Not Undertaking Project (including alternatives):**

Increases in hydro and gas costs to run the existing system. Greater increase in maintenance costs could occur.

**8. Identify Sources and Amounts of Funding**

|              | From Reserve -<br>Federal Gas Tax |
|--------------|-----------------------------------|
| 2018         | \$0                               |
| 2019         | \$0                               |
| 2020         | \$60,000                          |
| 2021         | \$0                               |
| 2022         | \$0                               |
| <b>Total</b> | <b>\$60,000</b>                   |

**9. Compliance with Council objective/strategic plan (if applicable):**

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

**1. Department / Function: Housing - 2020**

**Details of Project/Study: Building Condition Assessment**

**2. Total Gross Cost of Proposed Capital Project/Study: \$160,000**

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              | \$160,000             |           |                 |

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018 | 2019 | 2020      | 2021 | 2022 | Total            |
|--------------|------|------|-----------|------|------|------------------|
| <b>Gross</b> | \$0  | \$0  | \$160,000 | \$0  | \$0  | <b>\$160,000</b> |
| <b>Net</b>   | \$0  | \$0  | \$0       | \$0  | \$0  | <b>\$0</b>       |

**3. Estimated Useful Life:** recommended to be completed every 5 years

**4. Location of Project/Study (if applicable):**

| Facility Name / Address | Municipality |
|-------------------------|--------------|
|-------------------------|--------------|

**5. Need or Benefit(s) of Project (including safety issues):**

Building Condition Assessments provide an overview of capital items estimated age expectancy and identify problem areas for Grey County Housing and Non Profit Housing in Grey County. This information is used in planning for capital expenditures.

**6. Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:**

|              | 2017 | 2018      | 2019 | 2020 | 2021 | Total            |
|--------------|------|-----------|------|------|------|------------------|
| <b>Gross</b> | \$0  | \$125,000 | \$0  | \$0  | \$0  | <b>\$125,000</b> |
| <b>Net</b>   | \$0  | \$0       | \$0  | \$0  | \$0  | <b>\$0</b>       |

**7. Consequences/Implications of Not Undertaking Project (including alternatives):**

deteriorating buildings, inefficient use of capital funding

**8. Identify Sources and Amounts of Funding**

|              | From Reserve -<br>Federal Gas Tax |
|--------------|-----------------------------------|
| 2018         | \$0                               |
| 2019         | \$0                               |
| 2020         | \$160,000                         |
| 2021         | \$0                               |
| 2022         | \$0                               |
| <b>Total</b> | <b>\$160,000</b>                  |

**9. Compliance with Council objective/strategic plan (if applicable):**

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

**1. Department / Function: Housing - 2020**

**Details of Project/Study: Exterior Cladding (490 7th Ave East Owen Sound)**

**2. Total Gross Cost of Proposed Capital Project/Study: \$20,000**

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              | \$20,000              |           |                 |

Two Storey, 36 Units Apartment

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018 | 2019 | 2020     | 2021 | 2022 | Total           |
|--------------|------|------|----------|------|------|-----------------|
| <b>Gross</b> | \$0  | \$0  | \$20,000 | \$0  | \$0  | <b>\$20,000</b> |
| <b>Net</b>   | \$0  | \$0  | \$20,000 | \$0  | \$0  | <b>\$20,000</b> |

**3. Estimated Useful Life: 25 years**

**4. Location of Project/Study (if applicable):**

| Facility Name / Address  | Municipality       |
|--------------------------|--------------------|
| 490 7th Ave E Owen Sound | City of Owen Sound |

**5. Need or Benefit(s) of Project (including safety issues):**

Replace existing aluminum siding on building. New low maintenance material to be installed to reduce operating costs. Insulation may be added to increase building envelope efficiency. Greater life cycle on new material.

**6. Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:**

|              | 2017 | 2018 | 2019 | 2020     | 2021 | Total           |
|--------------|------|------|------|----------|------|-----------------|
| <b>Gross</b> | \$0  | \$0  | \$0  | \$20,000 | \$0  | <b>\$20,000</b> |
| <b>Net</b>   | \$0  | \$0  | \$0  | \$20,000 | \$0  | <b>\$20,000</b> |

**7. Consequences/Implications of Not Undertaking Project (including alternatives):**

If not replaced water damage could penetrate existing building envelope causing further damage to the structure. This would increase our maintenance costs to the building.

**8. Identify Sources and Amounts of Funding**

|              | Taxation        |
|--------------|-----------------|
| 2018         | \$0             |
| 2019         | \$0             |
| 2020         | \$20,000        |
| 2021         | \$0             |
| 2022         | \$0             |
| <b>Total</b> | <b>\$20,000</b> |

**9. Compliance with Council objective/strategic plan (if applicable):**

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

**1. Department / Function: Housing - 2020**

**Details of Project/Study: Exterior Doors (Family Units Paul & Collingwood St. Meaford)**

**2. Total Gross Cost of Proposed Capital Project/Study: \$25,000**

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              | \$25,000              |           |                 |

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018 | 2019 | 2020     | 2021 | 2022 | Total           |
|--------------|------|------|----------|------|------|-----------------|
| <b>Gross</b> | \$0  | \$0  | \$25,000 | \$0  | \$0  | <b>\$25,000</b> |
| <b>Net</b>   | \$0  | \$0  | \$25,000 | \$0  | \$0  | <b>\$25,000</b> |

**3. Estimated Useful Life:**

**4. Location of Project/Study (if applicable):**

| Facility Name / Address             | Municipality            |
|-------------------------------------|-------------------------|
| Family - Paul & Collingwood Meaford | Municipality of Meaford |

**5. Need or Benefit(s) of Project (including safety issues):**

New energy efficient doors to be installed reducing heating costs

**6. Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:**

|              | 2017 | 2018 | 2019 | 2020     | 2021 | Total           |
|--------------|------|------|------|----------|------|-----------------|
| <b>Gross</b> | \$0  | \$0  | \$0  | \$25,000 | \$0  | <b>\$25,000</b> |
| <b>Net</b>   | \$0  | \$0  | \$0  | \$25,000 | \$0  | <b>\$25,000</b> |

**7. Consequences/Implications of Not Undertaking Project (including alternatives):**

Increase in heating costs, Damage to building envelope if not replaced.

**8. Identify Sources and Amounts of Funding**

|              | Taxation        |
|--------------|-----------------|
| 2018         | \$0             |
| 2019         | \$0             |
| 2020         | \$25,000        |
| 2021         | \$0             |
| 2022         | \$0             |
| <b>Total</b> | <b>\$25,000</b> |

**9. Compliance with Council objective/strategic plan (if applicable):**

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

**1. Department / Function: Housing - 2020**

**Details of Project/Study: Asphalt Paving (225 14th St W. Owen Sound)**

**2. Total Gross Cost of Proposed Capital Project/Study: \$36,000**

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              | \$36,000              |           |                 |

Remove existing asphalt paving. Supply and install 12" Granular A, 4" Granular 'B'. Install new 2" asphalt paving. Painted parking lines and barrier free symbols.

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018 | 2019 | 2020     | 2021 | 2022 | Total           |
|--------------|------|------|----------|------|------|-----------------|
| <b>Gross</b> | \$0  | \$0  | \$36,000 | \$0  | \$0  | <b>\$36,000</b> |
| <b>Net</b>   | \$0  | \$0  | \$36,000 | \$0  | \$0  | <b>\$36,000</b> |

**3. Estimated Useful Life:**

**4. Location of Project/Study (if applicable):**

| Facility Name / Address   | Municipality       |
|---------------------------|--------------------|
| 225 14th St W. Owen Sound | City of Owen Sound |

**5. Need or Benefit(s) of Project (including safety issues):**

Replace existing asphalt parking lot. Health and safety. Existing asphalt paving is starting to show cracks, damage and is at its end of life cycle. Replacing the existing surface will eliminate damage and reduce the amount of slips and trips.

**6. Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:**

|              | 2017 | 2018 | 2019 | 2020     | 2021 | Total           |
|--------------|------|------|------|----------|------|-----------------|
| <b>Gross</b> | \$0  | \$0  | \$0  | \$36,000 | \$0  | <b>\$36,000</b> |
| <b>Net</b>   | \$0  | \$0  | \$0  | \$36,000 | \$0  | <b>\$36,000</b> |

**7. Consequences/Implications of Not Undertaking Project (including alternatives):**

Increase in trips and falls due to cracks and uneven surfaces

**8. Identify Sources and Amounts of Funding**

|              | Taxation        |
|--------------|-----------------|
| 2018         | \$0             |
| 2019         | \$0             |
| 2020         | \$36,000        |
| 2021         | \$0             |
| 2022         | \$0             |
| <b>Total</b> | <b>\$36,000</b> |

**9. Compliance with Council objective/strategic plan (if applicable):**

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

**1. Department / Function: Housing - 2020**

**Details of Project/Study: Concrete Patio and Screens (248 7th Avenue East, Owen Sound)**

**2. Total Gross Cost of Proposed Capital Project/Study: \$25,000**

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              | \$25,000              |           |                 |

Two storey, 20 unit apartment

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018 | 2019 | 2020     | 2021 | 2022 | Total           |
|--------------|------|------|----------|------|------|-----------------|
| <b>Gross</b> | \$0  | \$0  | \$25,000 | \$0  | \$0  | <b>\$25,000</b> |
| <b>Net</b>   | \$0  | \$0  | \$25,000 | \$0  | \$0  | <b>\$25,000</b> |

**3. Estimated Useful Life: 25 years**

**4. Location of Project/Study (if applicable):**

| Facility Name / Address  | Municipality       |
|--------------------------|--------------------|
| 248 7th Ave E Owen Sound | City of Owen Sound |

**5. Need or Benefit(s) of Project (including safety issues):**

Existing 2' x 2' patio stones and wood patio dividers were completed in 2005. Patio stones are a safety issue and will be replaced with poured concrete slab. Wood patio dividers are old and weathered, will be replaced as part of the patio surface upgrade.

**6. Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:**

|              | 2017 | 2018 | 2019 | 2020     | 2021 | Total           |
|--------------|------|------|------|----------|------|-----------------|
| <b>Gross</b> | \$0  | \$0  | \$0  | \$25,000 | \$0  | <b>\$25,000</b> |
| <b>Net</b>   | \$0  | \$0  | \$0  | \$25,000 | \$0  | <b>\$25,000</b> |

**7. Consequences/Implications of Not Undertaking Project (including alternatives):**

Existing screens at end of life. Uneven surface may cause slips and falls.

**8. Identify Sources and Amounts of Funding**

|              | Taxation        |
|--------------|-----------------|
| 2018         | \$0             |
| 2019         | \$0             |
| 2020         | \$25,000        |
| 2021         | \$0             |
| 2022         | \$0             |
| <b>Total</b> | <b>\$25,000</b> |

**9. Compliance with Council objective/strategic plan (if applicable):**

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

**1. Department / Function: Housing - 2020**

**Details of Project/Study: Window and Door Replacement  
(Hanover Family Units)**

**2. Total Gross Cost of Proposed Capital Project/Study: \$80,000**

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              | \$80,000              |           |                 |

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018 | 2019 | 2020     | 2021 | 2022 | Total           |
|--------------|------|------|----------|------|------|-----------------|
| <b>Gross</b> | \$0  | \$0  | \$80,000 | \$0  | \$0  | <b>\$80,000</b> |
| <b>Net</b>   | \$0  | \$0  | \$0      | \$0  | \$0  | <b>\$0</b>      |

**3. Estimated Useful Life: 25 years**

**4. Location of Project/Study (if applicable):**

| Facility Name / Address                     | Municipality    |
|---------------------------------------------|-----------------|
| 467,469,491,493,497,499,503,505 14th Street | Town of Hanover |

**5. Need or Benefit(s) of Project (including safety issues):**

Reduce energy consumption by installing new energy efficient doors and windows.

**6. Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:**

|              | 2017 | 2018 | 2019 | 2020     | 2021 | Total           |
|--------------|------|------|------|----------|------|-----------------|
| <b>Gross</b> | \$0  | \$0  | \$0  | \$80,000 | \$0  | <b>\$80,000</b> |
| <b>Net</b>   | \$0  | \$0  | \$0  | \$80,000 | \$0  | <b>\$80,000</b> |

**7. Consequences/Implications of Not Undertaking Project (including alternatives):**

Higher energy bills, future problems to building envelope.

**8. Identify Sources and Amounts of Funding**

|              | From Reserve -<br>Federal Gas Tax |
|--------------|-----------------------------------|
| 2018         | \$0                               |
| 2019         | \$0                               |
| 2020         | \$80,000                          |
| 2021         | \$0                               |
| 2022         | \$0                               |
| <b>Total</b> | <b>\$80,000</b>                   |

**9. Compliance with Council objective/strategic plan (if applicable):**

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

**1. Department / Function: Housing - 2020**

**Details of Project/Study: Roof and Eavestrough Replacement  
(481 11 St. Hanover)**

**2. Total Gross Cost of Proposed Capital Project/Study: \$55,000**

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              | \$55,000              |           |                 |

Two Storey, 19 Unit Apartment

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018 | 2019 | 2020     | 2021 | 2022 | Total           |
|--------------|------|------|----------|------|------|-----------------|
| <b>Gross</b> | \$0  | \$0  | \$55,000 | \$0  | \$0  | <b>\$55,000</b> |
| <b>Net</b>   | \$0  | \$0  | \$55,000 | \$0  | \$0  | <b>\$55,000</b> |

**3. Estimated Useful Life: 35 years**

**4. Location of Project/Study (if applicable):**

| Facility Name / Address | Municipality    |
|-------------------------|-----------------|
| 481 11th Street         | Town of Hanover |

**5. Need or Benefit(s) of Project (including safety issues):**

Existing asphalt roof end of life cycle. Low maintenance roof to be installed

**6. Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:**

|              | 2017 | 2018 | 2019 | 2020     | 2021 | Total           |
|--------------|------|------|------|----------|------|-----------------|
| <b>Gross</b> | \$0  | \$0  | \$0  | \$50,000 | \$0  | <b>\$50,000</b> |
| <b>Net</b>   | \$0  | \$0  | \$0  | \$50,000 | \$0  | <b>\$50,000</b> |

**7. Consequences/Implications of Not Undertaking Project (including alternatives):**

Deterioration to building envelope. Damage to roof sheathing and insulation

**8. Identify Sources and Amounts of Funding**

|              | Taxation        |
|--------------|-----------------|
| 2018         | \$0             |
| 2019         | \$0             |
| 2020         | \$55,000        |
| 2021         | \$0             |
| 2022         | \$0             |
| <b>Total</b> | <b>\$55,000</b> |

**9. Compliance with Council objective/strategic plan (if applicable):**

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

**1. Department / Function: Housing - 2020**

**Details of Project/Study: Wall Insulation (41 Mark Street Markdale)**

**2. Total Gross Cost of Proposed Capital Project/Study: \$50,000**

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              | \$50,000              |           |                 |

One Storey, 12 Unit Apartment

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018 | 2019 | 2020     | 2021 | 2022 | Total           |
|--------------|------|------|----------|------|------|-----------------|
| <b>Gross</b> | \$0  | \$0  | \$50,000 | \$0  | \$0  | <b>\$50,000</b> |
| <b>Net</b>   | \$0  | \$0  | \$50,000 | \$0  | \$0  | <b>\$50,000</b> |

**3. Estimated Useful Life: 35 years**

**4. Location of Project/Study (if applicable):**

| Facility Name / Address | Municipality                   |
|-------------------------|--------------------------------|
| 41 Mark Street          | Municipality of Grey Highlands |

**5. Need or Benefit(s) of Project (including safety issues):**

Existing exterior walls have no insulation. Installing insulation will decrease energy bills.

**6. Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:**

|              | 2017 | 2018 | 2019 | 2020     | 2021 | Total           |
|--------------|------|------|------|----------|------|-----------------|
| <b>Gross</b> | \$0  | \$0  | \$0  | \$50,000 | \$0  | <b>\$50,000</b> |
| <b>Net</b>   | \$0  | \$0  | \$0  | \$50,000 | \$0  | <b>\$50,000</b> |

**7. Consequences/Implications of Not Undertaking Project (including alternatives):**

Increase in energy bills. Damage to building envelope.

**8. Identify Sources and Amounts of Funding**

|              | Taxation        |
|--------------|-----------------|
| 2018         | \$0             |
| 2019         | \$0             |
| 2020         | \$50,000        |
| 2021         | \$0             |
| 2022         | \$0             |
| <b>Total</b> | <b>\$50,000</b> |

**9. Compliance with Council objective/strategic plan (if applicable):**

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

**1. Department / Function: Housing - 2020**

**Details of Project/Study: Suite Door Replacement (305 14th Street Owen Sound)**

**2. Total Gross Cost of Proposed Capital Project/Study: \$100,000**

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              | \$100,000             |           |                 |

Eight Storey, 187 Unit Apartment Building in Owen Sound

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018 | 2019 | 2020      | 2021 | 2022 | Total            |
|--------------|------|------|-----------|------|------|------------------|
| <b>Gross</b> | \$0  | \$0  | \$100,000 | \$0  | \$0  | <b>\$100,000</b> |
| <b>Net</b>   | \$0  | \$0  | \$100,000 | \$0  | \$0  | <b>\$100,000</b> |

**3. Estimated Useful Life: 35 years**

**4. Location of Project/Study (if applicable):**

| Facility Name / Address | Municipality       |
|-------------------------|--------------------|
| 305 14th Street         | City of Owen Sound |

**5. Need or Benefit(s) of Project (including safety issues):**

Steel fire rated doors to be installed with new lock sets

**6. Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:**

|              | 2017 | 2018 | 2019 | 2020      | 2021 | Total            |
|--------------|------|------|------|-----------|------|------------------|
| <b>Gross</b> | \$0  | \$0  | \$0  | \$100,000 | \$0  | <b>\$100,000</b> |
| <b>Net</b>   | \$0  | \$0  | \$0  | \$100,000 | \$0  | <b>\$100,000</b> |

**7. Consequences/Implications of Not Undertaking Project (including alternatives):**

Increase costs of lock sets that are out of date. Safety concerns

**8. Identify Sources and Amounts of Funding**

|              | Taxation         |
|--------------|------------------|
| 2018         | \$0              |
| 2019         | \$0              |
| 2020         | \$100,000        |
| 2021         | \$0              |
| 2022         | \$0              |
| <b>Total</b> | <b>\$100,000</b> |

**9. Compliance with Council objective/strategic plan (if applicable):**

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

**1. Department / Function: Housing - 2020**

**Details of Project/Study: Emergency Generator (225 14th Street West, Owen Sound)**

**2. Total Gross Cost of Proposed Capital Project/Study: \$40,000**

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              | \$40,000              |           |                 |

Two Storey, 56 Unit Apartment building located in Owen Sound.

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018 | 2019 | 2020     | 2021 | 2022 | Total           |
|--------------|------|------|----------|------|------|-----------------|
| <b>Gross</b> | \$0  | \$0  | \$40,000 | \$0  | \$0  | <b>\$40,000</b> |
| <b>Net</b>   | \$0  | \$0  | \$40,000 | \$0  | \$0  | <b>\$40,000</b> |

**3. Estimated Useful Life: 25 years**

**4. Location of Project/Study (if applicable):**

| Facility Name / Address | Municipality       |
|-------------------------|--------------------|
| 225 14th Street West    | City of Owen Sound |

**5. Need or Benefit(s) of Project (including safety issues):**

Emergency generator required to power life safety systems (fire alarm and panel) and also to give power to Enterphone system. Power would also give heat to common area in the winter time so we would not have to relocate tenants.

**6. Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:**

|              | 2017 | 2018 | 2019 | 2020     | 2021 | Total           |
|--------------|------|------|------|----------|------|-----------------|
| <b>Gross</b> | \$0  | \$0  | \$0  | \$30,000 | \$0  | <b>\$30,000</b> |
| <b>Net</b>   | \$0  | \$0  | \$0  | \$30,000 | \$0  | <b>\$30,000</b> |

**7. Consequences/Implications of Not Undertaking Project (including alternatives):**

No power to fire alarm panel means we would have to notify emergency response manually and require a 24 hour fire watch. Providing no heat to the buildings who require us to relocate the tenants to an alternate site.

**8. Identify Sources and Amounts of Funding**

|              | Taxation        |
|--------------|-----------------|
| 2018         | \$0             |
| 2019         | \$0             |
| 2020         | \$40,000        |
| 2021         | \$0             |
| 2022         | \$0             |
| <b>Total</b> | <b>\$40,000</b> |

**9. Compliance with Council objective/strategic plan (if applicable):**

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

**1. Department / Function: Housing - 2021**

**Details of Project/Study: Water Pipe Replacement (50 McNab Street Chatsworth)**

**2. Total Gross Cost of Proposed Capital Project/Study: \$70,000**

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              | \$70,000              |           |                 |

Replacing existing water lines in ceiling with new. Copper material building thin walls over time and creates pin hole leaks in the water system.

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018 | 2019 | 2020 | 2021     | 2022 | Total           |
|--------------|------|------|------|----------|------|-----------------|
| <b>Gross</b> | \$0  | \$0  | \$0  | \$70,000 | \$0  | <b>\$70,000</b> |
| <b>Net</b>   | \$0  | \$0  | \$0  | \$54,782 | \$0  | <b>\$54,782</b> |

**3. Estimated Useful Life:**

**4. Location of Project/Study (if applicable):**

| Facility Name / Address     | Municipality           |
|-----------------------------|------------------------|
| 50 McNab Street, Chatsworth | Township of Chatsworth |

**5. Need or Benefit(s) of Project (including safety issues):**

By replacing the lines before they leak it will reduce the damage to the interior finishes and decrease and emergency calls to replace them.

**6. Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:**

|              | 2017 | 2018 | 2019 | 2020 | 2021     | Total           |
|--------------|------|------|------|------|----------|-----------------|
| <b>Gross</b> | \$0  | \$0  | \$0  | \$0  | \$40,000 | <b>\$40,000</b> |
| <b>Net</b>   | \$0  | \$0  | \$0  | \$0  | \$40,000 | <b>\$40,000</b> |

**7. Consequences/Implications of Not Undertaking Project (including alternatives):**

Increase in operating costs as leaks would need to be fixed right away. Damage to interior finishes would also need to be fixed at an increase in cost.

**8. Identify Sources and Amounts of Funding**

|              | Taxation        | From Reserve -<br>From Housing<br>Reserve |
|--------------|-----------------|-------------------------------------------|
| 2018         | \$0             | \$0                                       |
| 2019         | \$0             | \$0                                       |
| 2020         | \$0             | \$0                                       |
| 2021         | \$54,782        | \$15,218                                  |
| 2022         | \$0             | \$0                                       |
| <b>Total</b> | <b>\$54,782</b> | <b>\$15,218</b>                           |

**9. Compliance with Council objective/strategic plan (if applicable):**

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

**1. Department / Function: Housing - 2021**

**Details of Project/Study: Roof Replacement (50 McNab Street Chatsworth)**

**2. Total Gross Cost of Proposed Capital Project/Study: \$150,000**

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              | \$150,000             |           |                 |

New ice and water shield to be installed over entire roof along with new steel roofing. New eavestrough and downspouts to be installed

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018 | 2019 | 2020 | 2021      | 2022 | Total            |
|--------------|------|------|------|-----------|------|------------------|
| <b>Gross</b> | \$0  | \$0  | \$0  | \$150,000 | \$0  | <b>\$150,000</b> |
| <b>Net</b>   | \$0  | \$0  | \$0  | \$150,000 | \$0  | <b>\$150,000</b> |

**3. Estimated Useful Life: 40 years**

**4. Location of Project/Study (if applicable):**

| Facility Name / Address | Municipality           |
|-------------------------|------------------------|
| 50 McNab Street         | Township of Chatsworth |

**5. Need or Benefit(s) of Project (including safety issues):**

By installing ice and water shield over entire roof it prevents ice damming from occurring at eaves. New downspouts and with gutter guard system reduce maintenance costs of cleaning them every year.

**6. Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:**

|              | 2017 | 2018 | 2019 | 2020 | 2021      | Total            |
|--------------|------|------|------|------|-----------|------------------|
| <b>Gross</b> | \$0  | \$0  | \$0  | \$0  | \$150,000 | <b>\$150,000</b> |
| <b>Net</b>   | \$0  | \$0  | \$0  | \$0  | \$150,000 | <b>\$150,000</b> |

**7. Consequences/Implications of Not Undertaking Project (including alternatives):**

If not replaced water damage may occur to building envelope and the structure increasing the costs to fix.

**8. Identify Sources and Amounts of Funding**

|              | Taxation         |
|--------------|------------------|
| 2018         | \$0              |
| 2019         | \$0              |
| 2020         | \$0              |
| 2021         | \$150,000        |
| 2022         | \$0              |
| <b>Total</b> | <b>\$150,000</b> |

**9. Compliance with Council objective/strategic plan (if applicable):**

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

**1. Department / Function: Housing - 2021**

**Details of Project/Study: Window Replacement (130 Rowe's Lane, Dundalk)**

**2. Total Gross Cost of Proposed Capital Project/Study: \$30,000**

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              | \$30,000              |           |                 |

New energy star rated windows to be installed to reduce overall heating costs to the units. Existing seals and caulking are showing sign of damage and in future could cause damage to the building envelope and structure of the building.

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018 | 2019 | 2020 | 2021     | 2022 | Total           |
|--------------|------|------|------|----------|------|-----------------|
| <b>Gross</b> | \$0  | \$0  | \$0  | \$30,000 | \$0  | <b>\$30,000</b> |
| <b>Net</b>   | \$0  | \$0  | \$0  | \$0      | \$0  | <b>\$0</b>      |

**3. Estimated Useful Life: 20 years**

**4. Location of Project/Study (if applicable):**

| Facility Name / Address | Municipality          |
|-------------------------|-----------------------|
| 130 Rowe's Lane         | Township of Southgate |

**5. Need or Benefit(s) of Project (including safety issues):**

Original windows installed. Seals of windows create increased operating costs to heat the building/units. Caulking and seals at exterior of windows may create conditions where water can enter the building causing damage to the building envelope. Windows are not energy efficient.

**6. Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:**

|              | 2017 | 2018 | 2019 | 2020 | 2021     | Total           |
|--------------|------|------|------|------|----------|-----------------|
| <b>Gross</b> | \$0  | \$0  | \$0  | \$0  | \$20,000 | <b>\$20,000</b> |
| <b>Net</b>   | \$0  | \$0  | \$0  | \$0  | \$20,000 | <b>\$20,000</b> |

**7. Consequences/Implications of Not Undertaking Project (including alternatives):**

Problems with condensation. Energy Efficiency, Health and Safety. Caulking, seals damaged can create areas for water penetration causing damage to the building envelope and structure and increasing maintenance costs.

**8. Identify Sources and Amounts of Funding**

|              | From Reserve -<br>Federal Gas Tax |
|--------------|-----------------------------------|
| 2018         | \$0                               |
| 2019         | \$0                               |
| 2020         | \$0                               |
| 2021         | \$30,000                          |
| 2022         | \$0                               |
| <b>Total</b> | <b>\$30,000</b>                   |

**9. Compliance with Council objective/strategic plan (if applicable):**

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

**1. Department / Function: Housing - 2021**

**Details of Project/Study: Common Area Flooring (130 Rowe's Lane Dundalk)**

**2. Total Gross Cost of Proposed Capital Project/Study: \$20,000**

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              | \$20,000              |           |                 |

New slip resistant flooring to be installed in all common areas to prevent slips and falls and be maintenance free to reduce operating costs. Materials used come with a 10 year warranty.

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018 | 2019 | 2020 | 2021     | 2022 | Total           |
|--------------|------|------|------|----------|------|-----------------|
| <b>Gross</b> | \$0  | \$0  | \$0  | \$20,000 | \$0  | <b>\$20,000</b> |
| <b>Net</b>   | \$0  | \$0  | \$0  | \$20,000 | \$0  | <b>\$20,000</b> |

**3. Estimated Useful Life: 15 years**

**4. Location of Project/Study (if applicable):**

| Facility Name / Address | Municipality          |
|-------------------------|-----------------------|
| 130 Rowe's Lane         | Township of Southgate |

**5. Need or Benefit(s) of Project (including safety issues):**

Increase operating costs to clean the existing carpets. Traffic use from the use of scooters causing the carpet to wear more quickly. Stains in carpet are costly to remove and cannot always be 100% removed

**6. Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:**

|              | 2017 | 2018 | 2019 | 2020 | 2021     | Total           |
|--------------|------|------|------|------|----------|-----------------|
| <b>Gross</b> | \$0  | \$0  | \$0  | \$0  | \$20,000 | <b>\$20,000</b> |
| <b>Net</b>   | \$0  | \$0  | \$0  | \$0  | \$20,000 | <b>\$20,000</b> |

**7. Consequences/Implications of Not Undertaking Project (including alternatives):**

Health and safety concerns may arise (slips and falls) if not replaced. Increase in operating costs to clean the carpets.

**8. Identify Sources and Amounts of Funding**

|              | Taxation        |
|--------------|-----------------|
| 2018         | \$0             |
| 2019         | \$0             |
| 2020         | \$0             |
| 2021         | \$20,000        |
| 2022         | \$0             |
| <b>Total</b> | <b>\$20,000</b> |

**9. Compliance with Council objective/strategic plan (if applicable):**

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

**1. Department / Function: Housing - 2021**

**Details of Project/Study: Water Pipe Replacement & Lighting Upgrades (40 Artemesia Street Dundalk)**

**2. Total Gross Cost of Proposed Capital Project/Study: \$70,000**

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              | \$70,000              |           |                 |

Replacing existing water lines in ceiling with new. Copper material building thin walls over time and creates pin hole leaks in the water system. Install new LED lighting to reduce hydro consumption.

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018 | 2019 | 2020 | 2021     | 2022 | Total           |
|--------------|------|------|------|----------|------|-----------------|
| <b>Gross</b> | \$0  | \$0  | \$0  | \$70,000 | \$0  | <b>\$70,000</b> |
| <b>Net</b>   | \$0  | \$0  | \$0  | \$70,000 | \$0  | <b>\$70,000</b> |

**3. Estimated Useful Life: 20 years**

**4. Location of Project/Study (if applicable):**

| Facility Name / Address | Municipality          |
|-------------------------|-----------------------|
| 40 Artemesia Street     | Township of Southgate |

**5. Need or Benefit(s) of Project (including safety issues):**

By replacing the lines before they leak it will reduce the damage to the interior finishes and decrease and emergency calls to replace them.

**6. Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:**

|              | 2017 | 2018 | 2019 | 2020 | 2021     | Total           |
|--------------|------|------|------|------|----------|-----------------|
| <b>Gross</b> | \$0  | \$0  | \$0  | \$0  | \$55,000 | <b>\$55,000</b> |
| <b>Net</b>   | \$0  | \$0  | \$0  | \$0  | \$55,000 | <b>\$55,000</b> |

**7. Consequences/Implications of Not Undertaking Project (including alternatives):**

Increase in operating costs as leaks would need to be fixed right way. Damage to interior finishes would also need to be fixed at an increase in cost.

**8. Identify Sources and Amounts of Funding**

|              | Taxation        |
|--------------|-----------------|
| 2018         | \$0             |
| 2019         | \$0             |
| 2020         | \$0             |
| 2021         | \$70,000        |
| 2022         | \$0             |
| <b>Total</b> | <b>\$70,000</b> |

**9. Compliance with Council objective/strategic plan (if applicable):**

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

**1. Department / Function: Housing - 2021**

**Details of Project/Study: Emergency Generator (181 Victoria Street Dundalk)**

**2. Total Gross Cost of Proposed Capital Project/Study: \$25,000**

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              | \$25,000              |           |                 |

Install a back up generator on concrete pad in case of power outage to supply hydro to necessary life safety systems and provide heat to one common room.

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018 | 2019 | 2020 | 2021     | 2022 | Total           |
|--------------|------|------|------|----------|------|-----------------|
| <b>Gross</b> | \$0  | \$0  | \$0  | \$25,000 | \$0  | <b>\$25,000</b> |
| <b>Net</b>   | \$0  | \$0  | \$0  | \$25,000 | \$0  | <b>\$25,000</b> |

**3. Estimated Useful Life:**

**4. Location of Project/Study (if applicable):**

| Facility Name / Address | Municipality          |
|-------------------------|-----------------------|
| 181 Victoria Street     | Township of Southgate |

**5. Need or Benefit(s) of Project (including safety issues):**

Emergency generator required to power life safety systems (fire alarm and panel) and also to give power to Enterphone system. Power would also give heat to common area in the winter time so we would not have to relocate tenants.

**6. Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:**

|              | 2017 | 2018 | 2019 | 2020 | 2021     | Total           |
|--------------|------|------|------|------|----------|-----------------|
| <b>Gross</b> | \$0  | \$0  | \$0  | \$0  | \$25,000 | <b>\$25,000</b> |
| <b>Net</b>   | \$0  | \$0  | \$0  | \$0  | \$25,000 | <b>\$25,000</b> |

**7. Consequences/Implications of Not Undertaking Project (including alternatives):**

No power to fire alarm panel means we would have to notify emergency response manually and require a 24 hour fire watch. Providing no heat to the buildings could require us to relocate the tenants to an alternate site.

**8. Identify Sources and Amounts of Funding**

|              | Taxation        |
|--------------|-----------------|
| 2018         | \$0             |
| 2019         | \$0             |
| 2020         | \$0             |
| 2021         | \$25,000        |
| 2022         | \$0             |
| <b>Total</b> | <b>\$25,000</b> |

**9. Compliance with Council objective/strategic plan (if applicable):**

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

**1. Department / Function: Housing - 2021**

**Details of Project/Study: Water Pipe Replacement and Lighting Upgrades (181 Victoria Street Dundalk)**

**2. Total Gross Cost of Proposed Capital Project/Study: \$100,000**

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              | \$100,000             |           |                 |

Replacing existing water lines in ceiling with new. Copper material building thin walls over time and creates pin hole leaks in the water system. Install new LED lighting to reduce hydro consumption.

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018 | 2019 | 2020 | 2021      | 2022 | Total            |
|--------------|------|------|------|-----------|------|------------------|
| <b>Gross</b> | \$0  | \$0  | \$0  | \$100,000 | \$0  | <b>\$100,000</b> |
| <b>Net</b>   | \$0  | \$0  | \$0  | \$100,000 | \$0  | <b>\$100,000</b> |

**3. Estimated Useful Life: 20 years**

**4. Location of Project/Study (if applicable):**

| Facility Name / Address | Municipality          |
|-------------------------|-----------------------|
| 181 Victoria Street     | Township of Southgate |

**5. Need or Benefit(s) of Project (including safety issues):**

By replacing the lines before they leak it will reduce the damage to the interior finishes and decrease and emergency calls to replace them.

**6. Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:**

|              | 2017 | 2018 | 2019 | 2020 | 2021      | Total            |
|--------------|------|------|------|------|-----------|------------------|
| <b>Gross</b> | \$0  | \$0  | \$0  | \$0  | \$100,000 | <b>\$100,000</b> |
| <b>Net</b>   | \$0  | \$0  | \$0  | \$0  | \$100,000 | <b>\$100,000</b> |

**7. Consequences/Implications of Not Undertaking Project (including alternatives):**

Increase in operating costs as leaks would need to be fixed right way. Damage to interior finishes would also need to be fixed at an increase in cost.

**8. Identify Sources and Amounts of Funding**

|              | Taxation         |
|--------------|------------------|
| 2018         | \$0              |
| 2019         | \$0              |
| 2020         | \$0              |
| 2021         | \$100,000        |
| 2022         | \$0              |
| <b>Total</b> | <b>\$100,000</b> |

**9. Compliance with Council objective/strategic plan (if applicable):**

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

**1. Department / Function: Housing - 2021**

**Details of Project/Study: Window Replacement (315 Bruce Street Durham)**

**2. Total Gross Cost of Proposed Capital Project/Study: \$35,000**

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              | \$35,000              |           |                 |

New energy star rated windows to be installed to reduce overall heating costs to the units. Existing seals and caulking are showing sign of damage and in future could cause damage to the building envelope and structure of the building.

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018 | 2019 | 2020 | 2021     | 2022 | Total           |
|--------------|------|------|------|----------|------|-----------------|
| <b>Gross</b> | \$0  | \$0  | \$0  | \$35,000 | \$0  | <b>\$35,000</b> |
| <b>Net</b>   | \$0  | \$0  | \$0  | \$0      | \$0  | <b>\$0</b>      |

**3. Estimated Useful Life: 20 years**

**4. Location of Project/Study (if applicable):**

| Facility Name / Address | Municipality              |
|-------------------------|---------------------------|
| 315 Bruce Street        | Municipality of West Grey |

**5. Need or Benefit(s) of Project (including safety issues):**

Original windows installed.. Seals of windows create increased operating costs to heat the building/units. Caulking and seals at exterior of windows may create conditions where water can enter the building causing damage to the building envelope.

**6. Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:**

|              | 2017 | 2018 | 2019 | 2020 | 2021     | Total           |
|--------------|------|------|------|------|----------|-----------------|
| <b>Gross</b> | \$0  | \$0  | \$0  | \$0  | \$35,000 | <b>\$35,000</b> |
| <b>Net</b>   | \$0  | \$0  | \$0  | \$0  | \$35,000 | <b>\$35,000</b> |

**7. Consequences/Implications of Not Undertaking Project (including alternatives):**

Problems with condensation. Energy Efficiency, Health and Safety. Caulking, seals damaged can create areas for water penetration causing damage to the building envelope and structure and increasing maintenance costs.

**8. Identify Sources and Amounts of Funding**

|              | From Reserve -<br>Federal Gas Tax |
|--------------|-----------------------------------|
| 2018         | \$0                               |
| 2019         | \$0                               |
| 2020         | \$0                               |
| 2021         | \$35,000                          |
| 2022         | \$0                               |
| <b>Total</b> | <b>\$35,000</b>                   |

**9. Compliance with Council objective/strategic plan (if applicable):**

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

**1. Department / Function: Housing - 2021**

**Details of Project/Study: Bath Rebuilds (43 Hill Street  
Flesherton)**

**2. Total Gross Cost of Proposed Capital Project/Study: \$60,000**

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              | \$60,000              |           |                 |

Bathrooms are original for building. Bathrooms would include new tub, flooring, vanity, shower controls, lighting, toilet and tub surround. All materials installed to be maintenance free. Toilets and lighting to reduce overall operating costs off the units. Grabs bars will be installed for health and safety concerns.

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018 | 2019 | 2020 | 2021     | 2022 | Total           |
|--------------|------|------|------|----------|------|-----------------|
| <b>Gross</b> | \$0  | \$0  | \$0  | \$60,000 | \$0  | <b>\$60,000</b> |
| <b>Net</b>   | \$0  | \$0  | \$0  | \$60,000 | \$0  | <b>\$60,000</b> |

**3. Estimated Useful Life: 20 years**

**4. Location of Project/Study (if applicable):**

| Facility Name / Address | Municipality                   |
|-------------------------|--------------------------------|
| 43 Hill Street          | Municipality of Grey Highlands |

**5. Need or Benefit(s) of Project (including safety issues):**

Damage to existing grout lines, caulking and seals cause water damage and mould growth. Exhaust fans original and need to be updated with energy efficient model. New gypsum board to be installed that is mould and mildew resistant. New toilets, faucets, vanities installed to reduce water consumption. Tub surrounds installed to minimize grout/sealant.

**6. Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:**

|              | 2017 | 2018 | 2019 | 2020 | 2021     | Total           |
|--------------|------|------|------|------|----------|-----------------|
| <b>Gross</b> | \$0  | \$0  | \$0  | \$0  | \$60,000 | <b>\$60,000</b> |
| <b>Net</b>   | \$0  | \$0  | \$0  | \$0  | \$60,000 | <b>\$60,000</b> |

**7. Consequences/Implications of Not Undertaking Project (including alternatives):**

Health and safety (mould) Preventative maintenance Energy savings.

**8. Identify Sources and Amounts of Funding**

|              | Taxation        |
|--------------|-----------------|
| 2018         | \$0             |
| 2019         | \$0             |
| 2020         | \$0             |
| 2021         | \$60,000        |
| 2022         | \$0             |
| <b>Total</b> | <b>\$60,000</b> |

**9. Compliance with Council objective/strategic plan (if applicable):**

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

**1. Department / Function: Housing - 2021**

**Details of Project/Study: Siding and Window Replacement (208 Queen Street Durham)**

**2. Total Gross Cost of Proposed Capital Project/Study: \$75,000**

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              | \$75,000              |           |                 |

New energy star rated windows to be installed to reduce overall heating costs to the units. Existing seals and caulking are showing sign of damage and in future could cause damage to the building envelope and structure of the building. Replace existing siding around windows.

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018 | 2019 | 2020 | 2021     | 2022 | Total           |
|--------------|------|------|------|----------|------|-----------------|
| <b>Gross</b> | \$0  | \$0  | \$0  | \$75,000 | \$0  | <b>\$75,000</b> |
| <b>Net</b>   | \$0  | \$0  | \$0  | \$75,000 | \$0  | <b>\$75,000</b> |

**3. Estimated Useful Life: 20 years**

**4. Location of Project/Study (if applicable):**

| Facility Name / Address | Municipality              |
|-------------------------|---------------------------|
| 208 Queen Street        | Municipality of West Grey |

**5. Need or Benefit(s) of Project (including safety issues):**

Original windows installed.. Seals of windows create increased operating costs to heat the building/units. Caulking and seals at exterior of windows may create conditions where water can enter the building causing damage to the building envelope.

**6. Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:**

|              | 2017 | 2018 | 2019 | 2020 | 2021     | Total           |
|--------------|------|------|------|------|----------|-----------------|
| <b>Gross</b> | \$0  | \$0  | \$0  | \$0  | \$75,000 | <b>\$75,000</b> |
| <b>Net</b>   | \$0  | \$0  | \$0  | \$0  | \$75,000 | <b>\$75,000</b> |

**7. Consequences/Implications of Not Undertaking Project (including alternatives):**

Problems with condensation. Energy Efficiency, Health and Safety. Caulking, seals damaged can create areas for water penetration causing damage to the building envelope and structure and increasing maintenance costs.

**8. Identify Sources and Amounts of Funding**

|              | Taxation        |
|--------------|-----------------|
| 2018         | \$0             |
| 2019         | \$0             |
| 2020         | \$0             |
| 2021         | \$75,000        |
| 2022         | \$0             |
| <b>Total</b> | <b>\$75,000</b> |

**9. Compliance with Council objective/strategic plan (if applicable):**

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

**1. Department / Function: Housing - 2021**

**Details of Project/Study: Balcony Restoration & Railings (481 11th St. Hanover)**

**2. Total Gross Cost of Proposed Capital Project/Study: \$40,000**

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              | \$40,000              |           |                 |

Replace existing steel railing which are original to the building with new low maintenance aluminum railings.

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018 | 2019 | 2020 | 2021     | 2022 | Total           |
|--------------|------|------|------|----------|------|-----------------|
| <b>Gross</b> | \$0  | \$0  | \$0  | \$40,000 | \$0  | <b>\$40,000</b> |
| <b>Net</b>   | \$0  | \$0  | \$0  | \$40,000 | \$0  | <b>\$40,000</b> |

**3. Estimated Useful Life: 25 years**

**4. Location of Project/Study (if applicable):**

| Facility Name / Address | Municipality    |
|-------------------------|-----------------|
| 481 11th Street         | Town of Hanover |

**5. Need or Benefit(s) of Project (including safety issues):**

Low maintenance railing will decrease operating costs because we will not have to repaint them every 5 years.

**6. Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:**

|              | 2017 | 2018 | 2019 | 2020 | 2021     | Total           |
|--------------|------|------|------|------|----------|-----------------|
| <b>Gross</b> | \$0  | \$0  | \$0  | \$0  | \$30,000 | <b>\$30,000</b> |
| <b>Net</b>   | \$0  | \$0  | \$0  | \$0  | \$30,000 | <b>\$30,000</b> |

**7. Consequences/Implications of Not Undertaking Project (including alternatives):**

Railings are beginning to rust and if not replaced may fail in the future causing safety concerns to our tenants.

**8. Identify Sources and Amounts of Funding**

|              | Taxation        |
|--------------|-----------------|
| 2018         | \$0             |
| 2019         | \$0             |
| 2020         | \$0             |
| 2021         | \$40,000        |
| 2022         | \$0             |
| <b>Total</b> | <b>\$40,000</b> |

**9. Compliance with Council objective/strategic plan (if applicable):**

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

**1. Department / Function: Housing - 2021**

**Details of Project/Study: Concrete Replacement, 481 11th Street, Hanover**

**2. Total Gross Cost of Proposed Capital Project/Study: \$40,000**

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              | \$40,000              |           |                 |

Replace existing concrete pavers with solid concrete slab. 5" thick concrete with expansion and control joints.

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018 | 2019 | 2020 | 2021     | 2022 | Total           |
|--------------|------|------|------|----------|------|-----------------|
| <b>Gross</b> | \$0  | \$0  | \$0  | \$40,000 | \$0  | <b>\$40,000</b> |
| <b>Net</b>   | \$0  | \$0  | \$0  | \$40,000 | \$0  | <b>\$40,000</b> |

**3. Estimated Useful Life: 20 years**

**4. Location of Project/Study (if applicable):**

| Facility Name / Address | Municipality    |
|-------------------------|-----------------|
| 481 11th Street         | Town of Hanover |

**5. Need or Benefit(s) of Project (including safety issues):**

Pavers are original to building and are at the end of useful life. Broken pavers and uneven surface make it hard to snow removal. Solid slab will outperform pavers reducing the overall capital costs for replacing them.

**6. Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:**

|              | 2017 | 2018 | 2019 | 2020 | 2021     | Total           |
|--------------|------|------|------|------|----------|-----------------|
| <b>Gross</b> | \$0  | \$0  | \$0  | \$0  | \$20,000 | <b>\$20,000</b> |
| <b>Net</b>   | \$0  | \$0  | \$0  | \$0  | \$20,000 | <b>\$20,000</b> |

**7. Consequences/Implications of Not Undertaking Project (including alternatives):**

Pavers create an uneven surface to walk on creating a trip hazard.

**8. Identify Sources and Amounts of Funding**

|              | Taxation        |
|--------------|-----------------|
| 2018         | \$0             |
| 2019         | \$0             |
| 2020         | \$0             |
| 2021         | \$40,000        |
| 2022         | \$0             |
| <b>Total</b> | <b>\$40,000</b> |

**9. Compliance with Council objective/strategic plan (if applicable):**

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

**1. Department / Function: Housing - 2021**

**Details of Project/Study: Emergency Generator (250 12th Ave Hanover)**

**2. Total Gross Cost of Proposed Capital Project/Study: \$40,000**

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              | \$40,000              |           |                 |

Install a back up generator on concrete pad in case of power outage to supply hydro to necessary life safety systems and provide heat to one common room.

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018 | 2019 | 2020 | 2021     | 2022 | Total           |
|--------------|------|------|------|----------|------|-----------------|
| <b>Gross</b> | \$0  | \$0  | \$0  | \$40,000 | \$0  | <b>\$40,000</b> |
| <b>Net</b>   | \$0  | \$0  | \$0  | \$40,000 | \$0  | <b>\$40,000</b> |

**3. Estimated Useful Life: 25 years**

**4. Location of Project/Study (if applicable):**

| Facility Name / Address | Municipality    |
|-------------------------|-----------------|
| 250 12th Ave            | Town of Hanover |

**5. Need or Benefit(s) of Project (including safety issues):**

Emergency generator required to power life safety systems (fire alarm and panel) and also to give power to Enterphone system. Power would also give heat to common area in the winter time so we would not have to relocate tenants.

**6. Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:**

|              | 2017 | 2018 | 2019 | 2020 | 2021     | Total           |
|--------------|------|------|------|------|----------|-----------------|
| <b>Gross</b> | \$0  | \$0  | \$0  | \$0  | \$25,000 | <b>\$25,000</b> |
| <b>Net</b>   | \$0  | \$0  | \$0  | \$0  | \$25,000 | <b>\$25,000</b> |

**7. Consequences/Implications of Not Undertaking Project (including alternatives):**

No power to fire alarm panel means we would have to notify emergency response manually and require a 24 hour fire watch. Providing no heat to the buildings who require us to relocate the tenants to an alternate site.

**8. Identify Sources and Amounts of Funding**

|              | Taxation        |
|--------------|-----------------|
| 2018         | \$0             |
| 2019         | \$0             |
| 2020         | \$0             |
| 2021         | \$40,000        |
| 2022         | \$0             |
| <b>Total</b> | <b>\$40,000</b> |

**9. Compliance with Council objective/strategic plan (if applicable):**

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

**1. Department / Function: Housing - 2021**

**Details of Project/Study: Suite Doors (392051 Main Street, Holstein)**

**2. Total Gross Cost of Proposed Capital Project/Study: \$20,000**

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              | \$20,000              |           |                 |

Existing suite doors are wood and will be replaced with solid steel doors with a higher fire rating. With ongoing issues with scooters, interior wood doors damage much easier.

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018 | 2019 | 2020 | 2021     | 2022 | Total           |
|--------------|------|------|------|----------|------|-----------------|
| <b>Gross</b> | \$0  | \$0  | \$0  | \$20,000 | \$0  | <b>\$20,000</b> |
| <b>Net</b>   | \$0  | \$0  | \$0  | \$20,000 | \$0  | <b>\$20,000</b> |

**3. Estimated Useful Life: 25 years**

**4. Location of Project/Study (if applicable):**

| Facility Name / Address      | Municipality          |
|------------------------------|-----------------------|
| 392051 Main Street, Holstein | Township of Southgate |

**5. Need or Benefit(s) of Project (including safety issues):**

Steel door last longer than wood doors reducing the need for replacement. Also with a greater fire rating they will provide greater safety in case of an emergency.

**6. Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:**

|              | 2017 | 2018 | 2019 | 2020 | 2021     | Total           |
|--------------|------|------|------|------|----------|-----------------|
| <b>Gross</b> | \$0  | \$0  | \$0  | \$0  | \$20,000 | <b>\$20,000</b> |
| <b>Net</b>   | \$0  | \$0  | \$0  | \$0  | \$20,000 | <b>\$20,000</b> |

**7. Consequences/Implications of Not Undertaking Project (including alternatives):**

If not replaced doors will become more damaged and not provide adequate fire rating in the case of an emergency.

**8. Identify Sources and Amounts of Funding**

|              | Taxation        |
|--------------|-----------------|
| 2018         | \$0             |
| 2019         | \$0             |
| 2020         | \$0             |
| 2021         | \$20,000        |
| 2022         | \$0             |
| <b>Total</b> | <b>\$20,000</b> |

**9. Compliance with Council objective/strategic plan (if applicable):**

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

**1. Department / Function: Housing - 2021**

**Details of Project/Study: Balconies & Railings (248 7th Ave Owen Sound)**

**2. Total Gross Cost of Proposed Capital Project/Study: \$40,000**

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              | \$40,000              |           |                 |

Replace existing steel railing which are original to the building with new low maintenance aluminum railings.

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018 | 2019 | 2020 | 2021     | 2022 | Total           |
|--------------|------|------|------|----------|------|-----------------|
| <b>Gross</b> | \$0  | \$0  | \$0  | \$40,000 | \$0  | <b>\$40,000</b> |
| <b>Net</b>   | \$0  | \$0  | \$0  | \$40,000 | \$0  | <b>\$40,000</b> |

**3. Estimated Useful Life: 25 years**

**4. Location of Project/Study (if applicable):**

| Facility Name / Address  | Municipality       |
|--------------------------|--------------------|
| 248 7th Ave E Owen Sound | City of Owen Sound |

**5. Need or Benefit(s) of Project (including safety issues):**

Low maintenance railing will decrease operating costs because we will not have to repaint them every 5 years.

**6. Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:**

|              | 2017 | 2018 | 2019 | 2020 | 2021     | Total           |
|--------------|------|------|------|------|----------|-----------------|
| <b>Gross</b> | \$0  | \$0  | \$0  | \$0  | \$15,000 | <b>\$15,000</b> |
| <b>Net</b>   | \$0  | \$0  | \$0  | \$0  | \$15,000 | <b>\$15,000</b> |

**7. Consequences/Implications of Not Undertaking Project (including alternatives):**

Railings are beginning to rust and if not replaced may fail in the future causing safety concerns to our tenants.

**8. Identify Sources and Amounts of Funding**

|              | Taxation        |
|--------------|-----------------|
| 2018         | \$0             |
| 2019         | \$0             |
| 2020         | \$0             |
| 2021         | \$40,000        |
| 2022         | \$0             |
| <b>Total</b> | <b>\$40,000</b> |

**9. Compliance with Council objective/strategic plan (if applicable):**

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

**1. Department / Function: Housing - 2021**

**Details of Project/Study: Kitchen Rebuilds (159 Parker Street Meaford)**

**2. Total Gross Cost of Proposed Capital Project/Study: \$150,000**

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              | \$150,000             |           |                 |

New kitchens to be installed that will be easily fixed if damage in future. New shut off installs in case of emergency. New exhaust fans to properly vent to unit.

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018 | 2019 | 2020 | 2021      | 2022 | Total            |
|--------------|------|------|------|-----------|------|------------------|
| <b>Gross</b> | \$0  | \$0  | \$0  | \$150,000 | \$0  | <b>\$150,000</b> |
| <b>Net</b>   | \$0  | \$0  | \$0  | \$150,000 | \$0  | <b>\$150,000</b> |

**3. Estimated Useful Life: 20 years**

**4. Location of Project/Study (if applicable):**

| Facility Name / Address | Municipality            |
|-------------------------|-------------------------|
| 159 Parker Street       | Municipality of Meaford |

**5. Need or Benefit(s) of Project (including safety issues):**

With ongoing issues of replacing doors, hinges material are harder match. Shut offs not properly working under sinks.

**6. Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:**

|              | 2017 | 2018 | 2019 | 2020 | 2021      | Total            |
|--------------|------|------|------|------|-----------|------------------|
| <b>Gross</b> | \$0  | \$0  | \$0  | \$0  | \$120,000 | <b>\$120,000</b> |
| <b>Net</b>   | \$0  | \$0  | \$0  | \$0  | \$120,000 | <b>\$120,000</b> |

**7. Consequences/Implications of Not Undertaking Project (including alternatives):**

Increase in costs of replacing units on a single unit at a time.

**8. Identify Sources and Amounts of Funding**

|              | Taxation         |
|--------------|------------------|
| 2018         | \$0              |
| 2019         | \$0              |
| 2020         | \$0              |
| 2021         | \$150,000        |
| 2022         | \$0              |
| <b>Total</b> | <b>\$150,000</b> |

**9. Compliance with Council objective/strategic plan (if applicable):**

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

**1. Department / Function: Housing - 2021**

**Details of Project/Study: Balcony Restoration & Railings (250 12th Ave Hanover)**

**2. Total Gross Cost of Proposed Capital Project/Study: \$45,000**

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              | \$45,000              |           |                 |

Replace existing steel railing which are original to the building with new low maintenance aluminum railings.

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018 | 2019 | 2020 | 2021     | 2022 | Total           |
|--------------|------|------|------|----------|------|-----------------|
| <b>Gross</b> | \$0  | \$0  | \$0  | \$45,000 | \$0  | <b>\$45,000</b> |
| <b>Net</b>   | \$0  | \$0  | \$0  | \$45,000 | \$0  | <b>\$45,000</b> |

**3. Estimated Useful Life: 25 years**

**4. Location of Project/Study (if applicable):**

| Facility Name / Address | Municipality    |
|-------------------------|-----------------|
| 250 12th Ave            | Town of Hanover |

**5. Need or Benefit(s) of Project (including safety issues):**

Low maintenance railing will decrease operating costs because we will not have to repaint them every 5 years.

**6. Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:**

|              | 2017 | 2018 | 2019 | 2020 | 2021     | Total           |
|--------------|------|------|------|------|----------|-----------------|
| <b>Gross</b> | \$0  | \$0  | \$0  | \$0  | \$25,000 | <b>\$25,000</b> |
| <b>Net</b>   | \$0  | \$0  | \$0  | \$0  | \$25,000 | <b>\$25,000</b> |

**7. Consequences/Implications of Not Undertaking Project (including alternatives):**

damage to brick and outside of buildings, potential safety concern

**8. Identify Sources and Amounts of Funding**

|              | Taxation        |
|--------------|-----------------|
| 2018         | \$0             |
| 2019         | \$0             |
| 2020         | \$0             |
| 2021         | \$45,000        |
| 2022         | \$0             |
| <b>Total</b> | <b>\$45,000</b> |

**9. Compliance with Council objective/strategic plan (if applicable):**

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

**1. Department / Function: Housing - 2021**

**Details of Project/Study: Exterior Doors & Windows (248 7th Ave Owen Sound)**

**2. Total Gross Cost of Proposed Capital Project/Study: \$60,000**

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              | \$60,000              |           |                 |

New energy star rated windows and doors to be installed to reduce overall heating costs to the units. Existing seals and caulking are showing sign of damage and in could cause future damage to the building envelope and structure of the building.

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018 | 2019 | 2020 | 2021     | 2022 | Total           |
|--------------|------|------|------|----------|------|-----------------|
| <b>Gross</b> | \$0  | \$0  | \$0  | \$60,000 | \$0  | <b>\$60,000</b> |
| <b>Net</b>   | \$0  | \$0  | \$0  | \$60,000 | \$0  | <b>\$60,000</b> |

**3. Estimated Useful Life: 20 years**

**4. Location of Project/Study (if applicable):**

| Facility Name / Address | Municipality       |
|-------------------------|--------------------|
| 248 7th Ave             | City of Owen Sound |

**5. Need or Benefit(s) of Project (including safety issues):**

Original windows installed. Seals of windows create increased operating costs to heat the building/units. Caulking and seals at exterior of windows may create conditions where water can enter the building causing damage to the building envelope.

**6. Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:**

|              | 2017 | 2018 | 2019 | 2020 | 2021     | Total           |
|--------------|------|------|------|------|----------|-----------------|
| <b>Gross</b> | \$0  | \$0  | \$0  | \$0  | \$60,000 | <b>\$60,000</b> |
| <b>Net</b>   | \$0  | \$0  | \$0  | \$0  | \$60,000 | <b>\$60,000</b> |

**7. Consequences/Implications of Not Undertaking Project (including alternatives):**

Problems with condensation. Energy Efficiency, Health and Safety. Caulking, seals damaged can create areas for water penetration causing damage to the building envelope and structure and increasing maintenance costs.

**8. Identify Sources and Amounts of Funding**

|              | Taxation        |
|--------------|-----------------|
| 2018         | \$0             |
| 2019         | \$0             |
| 2020         | \$0             |
| 2021         | \$60,000        |
| 2022         | \$0             |
| <b>Total</b> | <b>\$60,000</b> |

**9. Compliance with Council objective/strategic plan (if applicable):**

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

**1. Department / Function: Housing - 2021**

**Details of Project/Study: Common Area Flooring & Lighting (85 Lemon Street Thornbury)**

**2. Total Gross Cost of Proposed Capital Project/Study: \$50,000**

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              | \$50,000              |           |                 |

New slip resistant flooring to be installed in all common areas to prevent slips and falls and be maintenance free to reduce operating costs. Materials used come with a 10 year warranty.

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018 | 2019 | 2020 | 2021     | 2022 | Total           |
|--------------|------|------|------|----------|------|-----------------|
| <b>Gross</b> | \$0  | \$0  | \$0  | \$50,000 | \$0  | <b>\$50,000</b> |
| <b>Net</b>   | \$0  | \$0  | \$0  | \$50,000 | \$0  | <b>\$50,000</b> |

**3. Estimated Useful Life: 15 years**

**4. Location of Project/Study (if applicable):**

| Facility Name / Address | Municipality       |
|-------------------------|--------------------|
| 85 Lemon Street         | The Blue Mountains |

**5. Need or Benefit(s) of Project (including safety issues):**

Increase operating costs to clean the existing carpets. Traffic use from the use of scooters causing the carpet to wear more quickly. Stains in carpet are costly to remove and cannot always be 100% removed.

**6. Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:**

|              | 2017 | 2018 | 2019 | 2020 | 2021     | Total           |
|--------------|------|------|------|------|----------|-----------------|
| <b>Gross</b> | \$0  | \$0  | \$0  | \$0  | \$50,000 | <b>\$50,000</b> |
| <b>Net</b>   | \$0  | \$0  | \$0  | \$0  | \$50,000 | <b>\$50,000</b> |

**7. Consequences/Implications of Not Undertaking Project (including alternatives):**

Health and safety concerns may arise (slips and falls) if not replaced. Increase in operating costs to clean the carpets.

**8. Identify Sources and Amounts of Funding**

|              | Taxation        |
|--------------|-----------------|
| 2018         | \$0             |
| 2019         | \$0             |
| 2020         | \$0             |
| 2021         | \$50,000        |
| 2022         | \$0             |
| <b>Total</b> | <b>\$50,000</b> |

**9. Compliance with Council objective/strategic plan (if applicable):**

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

**1. Department / Function: Housing - 2021**

**Details of Project/Study: Water Pipe Replacement (248 7th Ave East, Owen Sound)**

**2. Total Gross Cost of Proposed Capital Project/Study: \$55,000**

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              | \$55,000              |           |                 |

Replacing existing water lines in ceiling with new. Copper material building thin walls over time and creates pin hole leaks in the water system.

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018 | 2019 | 2020 | 2021     | 2022 | Total           |
|--------------|------|------|------|----------|------|-----------------|
| <b>Gross</b> | \$0  | \$0  | \$0  | \$55,000 | \$0  | <b>\$55,000</b> |
| <b>Net</b>   | \$0  | \$0  | \$0  | \$55,000 | \$0  | <b>\$55,000</b> |

**3. Estimated Useful Life: 20 years**

**4. Location of Project/Study (if applicable):**

| Facility Name / Address | Municipality       |
|-------------------------|--------------------|
| 248 7th Ave East        | City of Owen Sound |

**5. Need or Benefit(s) of Project (including safety issues):**

By replacing the lines before they leak it will reduce the damage to the interior finishes and decrease and emergency calls to replace them.

**6. Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:**

|              | 2017 | 2018 | 2019 | 2020 | 2021     | Total           |
|--------------|------|------|------|------|----------|-----------------|
| <b>Gross</b> | \$0  | \$0  | \$0  | \$0  | \$55,000 | <b>\$55,000</b> |
| <b>Net</b>   | \$0  | \$0  | \$0  | \$0  | \$55,000 | <b>\$55,000</b> |

**7. Consequences/Implications of Not Undertaking Project (including alternatives):**

Increase in operating costs as leaks would need to be fixed right way. Damage to interior finishes would also need to be fixed at an increase in cost.

**8. Identify Sources and Amounts of Funding**

|              | Taxation        |
|--------------|-----------------|
| 2018         | \$0             |
| 2019         | \$0             |
| 2020         | \$0             |
| 2021         | \$55,000        |
| 2022         | \$0             |
| <b>Total</b> | <b>\$55,000</b> |

**9. Compliance with Council objective/strategic plan (if applicable):**

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

**1. Department / Function: Housing - 2021**

**Details of Project/Study: Emergency Generator (650 4th Street A East Owen Sound)**

**2. Total Gross Cost of Proposed Capital Project/Study: \$60,000**

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              | \$60,000              |           |                 |

Install a back up generator on concrete pad in case of power outage to supply hydro to necessary life safety systems and provide heat to one common room.

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018 | 2019 | 2020 | 2021     | 2022 | Total           |
|--------------|------|------|------|----------|------|-----------------|
| <b>Gross</b> | \$0  | \$0  | \$0  | \$60,000 | \$0  | <b>\$60,000</b> |
| <b>Net</b>   | \$0  | \$0  | \$0  | \$60,000 | \$0  | <b>\$60,000</b> |

**3. Estimated Useful Life: 25 years**

**4. Location of Project/Study (if applicable):**

| Facility Name / Address | Municipality       |
|-------------------------|--------------------|
| 650 4th Street A East   | City of Owen Sound |

**5. Need or Benefit(s) of Project (including safety issues):**

Emergency generator required to power life safety systems (fire alarm and panel) and also to give power to Enterphone system. Power would also give heat to common area in the winter time so we would not have to relocate tenants.

**6. Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:**

|              | 2017 | 2018 | 2019 | 2020 | 2021     | Total           |
|--------------|------|------|------|------|----------|-----------------|
| <b>Gross</b> | \$0  | \$0  | \$0  | \$0  | \$30,000 | <b>\$30,000</b> |
| <b>Net</b>   | \$0  | \$0  | \$0  | \$0  | \$30,000 | <b>\$30,000</b> |

**7. Consequences/Implications of Not Undertaking Project (including alternatives):**

No power to fire alarm panel means we would have to notify emergency response manually and require a 24 hour fire watch. Providing no heat to the buildings who require us to relocate the tenants to an alternate site.

**8. Identify Sources and Amounts of Funding**

|              | Taxation        |
|--------------|-----------------|
| 2018         | \$0             |
| 2019         | \$0             |
| 2020         | \$0             |
| 2021         | \$60,000        |
| 2022         | \$0             |
| <b>Total</b> | <b>\$60,000</b> |

**9. Compliance with Council objective/strategic plan (if applicable):**

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

**1. Department / Function: Housing - 2022**

**Details of Project/Study: Emergency Generator (17 Legion Rd., Meaford)**

**2. Total Gross Cost of Proposed Capital Project/Study: \$40,000**

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              | \$40,000              |           |                 |

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018 | 2019 | 2020 | 2021 | 2022     | Total           |
|--------------|------|------|------|------|----------|-----------------|
| <b>Gross</b> | \$0  | \$0  | \$0  | \$0  | \$40,000 | <b>\$40,000</b> |
| <b>Net</b>   | \$0  | \$0  | \$0  | \$0  | \$40,000 | <b>\$40,000</b> |

**3. Estimated Useful Life:**

**4. Location of Project/Study (if applicable):**

| Facility Name / Address | Municipality            |
|-------------------------|-------------------------|
| 17 Legion Rd            | Municipality of Meaford |

**5. Need or Benefit(s) of Project (including safety issues):**

One generator per community for emergency use for warming area for tenants

**6. Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:**

|              | 2017 | 2018 | 2019 | 2020 | 2021 | Total      |
|--------------|------|------|------|------|------|------------|
| <b>Gross</b> | \$0  | \$0  | \$0  | \$0  | \$0  | <b>\$0</b> |
| <b>Net</b>   | \$0  | \$0  | \$0  | \$0  | \$0  | <b>\$0</b> |

**7. Consequences/Implications of Not Undertaking Project (including alternatives):**

not prepared for emergency situations, health implications for tenants

**8. Identify Sources and Amounts of Funding**

|              | Taxation        |
|--------------|-----------------|
| 2018         | \$0             |
| 2019         | \$0             |
| 2020         | \$0             |
| 2021         | \$0             |
| 2022         | \$40,000        |
| <b>Total</b> | <b>\$40,000</b> |

**9. Compliance with Council objective/strategic plan (if applicable):**

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

**1. Department / Function: Housing - 2022**

**Details of Project/Study: Air Makeup System (225 14th St W Owen Sound)**

**2. Total Gross Cost of Proposed Capital Project/Study: \$60,000**

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              | \$60,000              |           |                 |

Remove existing air make ups units and install new energy efficient model which will reduce gas costs.

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018 | 2019 | 2020 | 2021 | 2022     | Total           |
|--------------|------|------|------|------|----------|-----------------|
| <b>Gross</b> | \$0  | \$0  | \$0  | \$0  | \$60,000 | <b>\$60,000</b> |
| <b>Net</b>   | \$0  | \$0  | \$0  | \$0  | \$0      | <b>\$0</b>      |

**3. Estimated Useful Life: 20 years**

**4. Location of Project/Study (if applicable):**

| Facility Name / Address  | Municipality       |
|--------------------------|--------------------|
| 225 14th St W Owen Sound | City of Owen Sound |

**5. Need or Benefit(s) of Project (including safety issues):**

Newer energy efficient units with variable speed motors installed will reduce operating costs.

**6. Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:**

|              | 2017 | 2018 | 2019 | 2020 | 2021 | Total      |
|--------------|------|------|------|------|------|------------|
| <b>Gross</b> | \$0  | \$0  | \$0  | \$0  | \$0  | <b>\$0</b> |
| <b>Net</b>   | \$0  | \$0  | \$0  | \$0  | \$0  | <b>\$0</b> |

**7. Consequences/Implications of Not Undertaking Project (including alternatives):**

Parts are harder to find in maintaining existing model. Increased operating costs.

**8. Identify Sources and Amounts of Funding**

|              | From Reserve -<br>Federal Gas Tax |
|--------------|-----------------------------------|
| 2018         | \$0                               |
| 2019         | \$0                               |
| 2020         | \$0                               |
| 2021         | \$0                               |
| 2022         | \$60,000                          |
| <b>Total</b> | <b>\$60,000</b>                   |

**9. Compliance with Council objective/strategic plan (if applicable):**

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

**1. Department / Function: Housing - 2022**

Details of Project/Study: **Common Area**

**Upgrades/Washrooms/Laundry Room (181 Victoria St Dundalk)**

**2. Total Gross Cost of Proposed Capital Project/Study: \$30,000**

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              | \$30,000              |           |                 |

Renovate existing washroom to meet current O.B.C Standards. Installing new slip resistant flooring in all areas to reduce slips and falls.

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018 | 2019 | 2020 | 2021 | 2022     | Total           |
|--------------|------|------|------|------|----------|-----------------|
| <b>Gross</b> | \$0  | \$0  | \$0  | \$0  | \$30,000 | <b>\$30,000</b> |
| <b>Net</b>   | \$0  | \$0  | \$0  | \$0  | \$30,000 | <b>\$30,000</b> |

**3. Estimated Useful Life: 20 years**

**4. Location of Project/Study (if applicable):**

| Facility Name / Address     | Municipality          |
|-----------------------------|-----------------------|
| 181 Victoria Street Dundalk | Township of Southgate |

**5. Need or Benefit(s) of Project (including safety issues):**

Upgrade existing facilities that are at end of life. Energy efficient upgrades to reduce operating costs.

**6. Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:**

|              | 2017 | 2018 | 2019 | 2020 | 2021 | Total      |
|--------------|------|------|------|------|------|------------|
| <b>Gross</b> | \$0  | \$0  | \$0  | \$0  | \$0  | <b>\$0</b> |
| <b>Net</b>   | \$0  | \$0  | \$0  | \$0  | \$0  | <b>\$0</b> |

**7. Consequences/Implications of Not Undertaking Project (including alternatives):**

Increase in operating costs, increased costs to maintain existing fixtures due to age. Increase chances of slip and falls without proper flooring.

**8. Identify Sources and Amounts of Funding**

|              | Taxation        |
|--------------|-----------------|
| 2018         | \$0             |
| 2019         | \$0             |
| 2020         | \$0             |
| 2021         | \$0             |
| 2022         | \$30,000        |
| <b>Total</b> | <b>\$30,000</b> |

**9. Compliance with Council objective/strategic plan (if applicable):**

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

**1. Department / Function: Housing - 2022**

**Details of Project/Study: Balconies and Railings (100 Marg Elizabeth Markdale)**

**2. Total Gross Cost of Proposed Capital Project/Study: \$50,000**

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              | \$50,000              |           |                 |

Remove existing metal railing and dividers and install new pre-finished aluminum railing systems.

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018 | 2019 | 2020 | 2021 | 2022     | Total           |
|--------------|------|------|------|------|----------|-----------------|
| <b>Gross</b> | \$0  | \$0  | \$0  | \$0  | \$50,000 | <b>\$50,000</b> |
| <b>Net</b>   | \$0  | \$0  | \$0  | \$0  | \$50,000 | <b>\$50,000</b> |

**3. Estimated Useful Life: 20 years**

**4. Location of Project/Study (if applicable):**

| Facility Name / Address            | Municipality                   |
|------------------------------------|--------------------------------|
| 100 Margaret Elizabeth St Markdale | Municipality of Grey Highlands |

**5. Need or Benefit(s) of Project (including safety issues):**

Installing new pre-finished railing system increase life cycle as well as reducing operating costs. New systems will meet or exceed current O.B.C standards.

**6. Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:**

|              | 2017 | 2018 | 2019 | 2020 | 2021 | Total      |
|--------------|------|------|------|------|------|------------|
| <b>Gross</b> | \$0  | \$0  | \$0  | \$0  | \$0  | <b>\$0</b> |
| <b>Net</b>   | \$0  | \$0  | \$0  | \$0  | \$0  | <b>\$0</b> |

**7. Consequences/Implications of Not Undertaking Project (including alternatives):**

Railing are at end of life and require replacement. Painting and maintaining existing railing and screens increase costs.

**8. Identify Sources and Amounts of Funding**

|              | Taxation        |
|--------------|-----------------|
| 2018         | \$0             |
| 2019         | \$0             |
| 2020         | \$0             |
| 2021         | \$0             |
| 2022         | \$50,000        |
| <b>Total</b> | <b>\$50,000</b> |

**9. Compliance with Council objective/strategic plan (if applicable):**

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

**1. Department / Function: Housing - 2022**

**Details of Project/Study: Suite Doors Corridor (181 Victoria Street Dundalk)**

**2. Total Gross Cost of Proposed Capital Project/Study: \$15,000**

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              | \$15,000              |           |                 |

Existing suite doors are wood and will be replaced with solid steel doors with a higher fire rating. With ongoing issues with scooters, interior wood doors damage much easier.

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018 | 2019 | 2020 | 2021 | 2022     | Total           |
|--------------|------|------|------|------|----------|-----------------|
| <b>Gross</b> | \$0  | \$0  | \$0  | \$0  | \$15,000 | <b>\$15,000</b> |
| <b>Net</b>   | \$0  | \$0  | \$0  | \$0  | \$15,000 | <b>\$15,000</b> |

**3. Estimated Useful Life: 25 years**

**4. Location of Project/Study (if applicable):**

| Facility Name / Address | Municipality          |
|-------------------------|-----------------------|
| 181 Victoria St Dundalk | Township of Southgate |

**5. Need or Benefit(s) of Project (including safety issues):**

Steel door last longer than wood doors reducing the need for replacement. Also with a greater fire rating they will provide greater safety in case of an emergency.

**6. Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:**

|              | 2017 | 2018 | 2019 | 2020 | 2021 | Total      |
|--------------|------|------|------|------|------|------------|
| <b>Gross</b> | \$0  | \$0  | \$0  | \$0  | \$0  | <b>\$0</b> |
| <b>Net</b>   | \$0  | \$0  | \$0  | \$0  | \$0  | <b>\$0</b> |

**7. Consequences/Implications of Not Undertaking Project (including alternatives):**

If not replaced doors will become more damaged and not provide adequate fire rating in the case of an emergency.

**8. Identify Sources and Amounts of Funding**

|              | Taxation        |
|--------------|-----------------|
| 2018         | \$0             |
| 2019         | \$0             |
| 2020         | \$0             |
| 2021         | \$0             |
| 2022         | \$15,000        |
| <b>Total</b> | <b>\$15,000</b> |

**9. Compliance with Council objective/strategic plan (if applicable):**

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

**1. Department / Function: Housing - 2022**

**Details of Project/Study: Exterior Suite Doors (481 11th St Hanover)**

**2. Total Gross Cost of Proposed Capital Project/Study: \$20,000**

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              | \$20,000              |           |                 |

New energy star rated doors to be installed, replacing existing exterior wood doors.

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018 | 2019 | 2020 | 2021 | 2022     | Total           |
|--------------|------|------|------|------|----------|-----------------|
| <b>Gross</b> | \$0  | \$0  | \$0  | \$0  | \$20,000 | <b>\$20,000</b> |
| <b>Net</b>   | \$0  | \$0  | \$0  | \$0  | \$20,000 | <b>\$20,000</b> |

**3. Estimated Useful Life: 30 years**

**4. Location of Project/Study (if applicable):**

| Facility Name / Address | Municipality    |
|-------------------------|-----------------|
| 481 11th Street Hanover | Town of Hanover |

**5. Need or Benefit(s) of Project (including safety issues):**

End of life. Energy savings, hardware costs eliminated.

**6. Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:**

|              | 2017 | 2018 | 2019 | 2020 | 2021 | Total      |
|--------------|------|------|------|------|------|------------|
| <b>Gross</b> | \$0  | \$0  | \$0  | \$0  | \$0  | <b>\$0</b> |
| <b>Net</b>   | \$0  | \$0  | \$0  | \$0  | \$0  | <b>\$0</b> |

**7. Consequences/Implications of Not Undertaking Project (including alternatives):**

Energy savings increase of damage to building envelope and to structure.

**8. Identify Sources and Amounts of Funding**

|              | Taxation        |
|--------------|-----------------|
| 2018         | \$0             |
| 2019         | \$0             |
| 2020         | \$0             |
| 2021         | \$0             |
| 2022         | \$20,000        |
| <b>Total</b> | <b>\$20,000</b> |

**9. Compliance with Council objective/strategic plan (if applicable):**

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

**1. Department / Function: Housing - 2022**

**Details of Project/Study: Water Pipe Replacement (315 Bruce St Durham)**

**2. Total Gross Cost of Proposed Capital Project/Study: \$40,000**

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              | \$40,000              |           |                 |

Replacing existing water lines in ceiling with new. Copper material building thin walls over time and creates pin hole leaks in the water system. Install new LED lighting to reduce hydro consumption.

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018 | 2019 | 2020 | 2021 | 2022     | Total           |
|--------------|------|------|------|------|----------|-----------------|
| <b>Gross</b> | \$0  | \$0  | \$0  | \$0  | \$40,000 | <b>\$40,000</b> |
| <b>Net</b>   | \$0  | \$0  | \$0  | \$0  | \$40,000 | <b>\$40,000</b> |

**3. Estimated Useful Life: 20 years**

**4. Location of Project/Study (if applicable):**

| Facility Name / Address | Municipality              |
|-------------------------|---------------------------|
| 315 Bruce St Durham     | Municipality of West Grey |

**5. Need or Benefit(s) of Project (including safety issues):**

By replacing the lines before they leak it will reduce the damage to the interior finishes and decrease emergency calls to replace them.

**6. Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:**

|              | 2017 | 2018 | 2019 | 2020 | 2021 | Total      |
|--------------|------|------|------|------|------|------------|
| <b>Gross</b> | \$0  | \$0  | \$0  | \$0  | \$0  | <b>\$0</b> |
| <b>Net</b>   | \$0  | \$0  | \$0  | \$0  | \$0  | <b>\$0</b> |

**7. Consequences/Implications of Not Undertaking Project (including alternatives):**

Increase in operating costs as leaks would need to be fixed right away. Damage to interior finishes would also need to be fixed at an increase in cost.

**8. Identify Sources and Amounts of Funding**

|              | Taxation        |
|--------------|-----------------|
| 2018         | \$0             |
| 2019         | \$0             |
| 2020         | \$0             |
| 2021         | \$0             |
| 2022         | \$40,000        |
| <b>Total</b> | <b>\$40,000</b> |

**9. Compliance with Council objective/strategic plan (if applicable):**

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

**1. Department / Function: Housing - 2022**

**Details of Project/Study: Asphalt Replacement (40 Artemesia St. Dundalk)**

**2. Total Gross Cost of Proposed Capital Project/Study: \$20,000**

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              | \$20,000              |           |                 |

Remove existing asphalt paving. Supply and install 12" Granular A, 4" Granular 'B'. Install new 2" asphalt paving. Painted parking lines and barrier free symbols.

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018 | 2019 | 2020 | 2021 | 2022     | Total           |
|--------------|------|------|------|------|----------|-----------------|
| <b>Gross</b> | \$0  | \$0  | \$0  | \$0  | \$20,000 | <b>\$20,000</b> |
| <b>Net</b>   | \$0  | \$0  | \$0  | \$0  | \$20,000 | <b>\$20,000</b> |

**3. Estimated Useful Life: 20 years**

**4. Location of Project/Study (if applicable):**

| Facility Name / Address  | Municipality          |
|--------------------------|-----------------------|
| 40 Artemesia St. Dundalk | Township of Southgate |

**5. Need or Benefit(s) of Project (including safety issues):**

Replace existing asphalt paving that is cracking and uneven. Existing asphalt paving is starting to show cracks, damage and is at its end of life cycle. Replacing the existing surface will eliminate damage and reduce the amount of slips and trips.

**6. Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:**

|              | 2017 | 2018 | 2019 | 2020 | 2021 | Total      |
|--------------|------|------|------|------|------|------------|
| <b>Gross</b> | \$0  | \$0  | \$0  | \$0  | \$0  | <b>\$0</b> |
| <b>Net</b>   | \$0  | \$0  | \$0  | \$0  | \$0  | <b>\$0</b> |

**7. Consequences/Implications of Not Undertaking Project (including alternatives):**

Health and Safety concerns. Increase repair costs.

**8. Identify Sources and Amounts of Funding**

|              | Taxation        |
|--------------|-----------------|
| 2018         | \$0             |
| 2019         | \$0             |
| 2020         | \$0             |
| 2021         | \$0             |
| 2022         | \$20,000        |
| <b>Total</b> | <b>\$20,000</b> |

**9. Compliance with Council objective/strategic plan (if applicable):**

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

**1. Department / Function: Housing - 2022**

**Details of Project/Study: Replace Roof - Steel & Eavestrough  
(315 Bruce Street Durham)**

**2. Total Gross Cost of Proposed Capital Project/Study: \$45,000**

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              | \$45,000              |           |                 |

Remove existing shingles, install new ice and waters shield over entire roof. New steel roof installed with 40 year warranty. New eavestrough and down spouts installed.

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018 | 2019 | 2020 | 2021 | 2022     | Total           |
|--------------|------|------|------|------|----------|-----------------|
| <b>Gross</b> | \$0  | \$0  | \$0  | \$0  | \$45,000 | <b>\$45,000</b> |
| <b>Net</b>   | \$0  | \$0  | \$0  | \$0  | \$45,000 | <b>\$45,000</b> |

**3. Estimated Useful Life: 40 years**

**4. Location of Project/Study (if applicable):**

| Facility Name / Address | Municipality              |
|-------------------------|---------------------------|
| 315 Bruce Street Durham | Municipality of West Grey |

**5. Need or Benefit(s) of Project (including safety issues):**

Existing asphalt shingles nearing end of life cycle.

**6. Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:**

|              | 2017 | 2018 | 2019 | 2020 | 2021 | Total      |
|--------------|------|------|------|------|------|------------|
| <b>Gross</b> | \$0  | \$0  | \$0  | \$0  | \$0  | <b>\$0</b> |
| <b>Net</b>   | \$0  | \$0  | \$0  | \$0  | \$0  | <b>\$0</b> |

**7. Consequences/Implications of Not Undertaking Project (including alternatives):**

Damage to interior surfaces due to water leaks

**8. Identify Sources and Amounts of Funding**

|              | Taxation        |
|--------------|-----------------|
| 2018         | \$0             |
| 2019         | \$0             |
| 2020         | \$0             |
| 2021         | \$0             |
| 2022         | \$45,000        |
| <b>Total</b> | <b>\$45,000</b> |

**9. Compliance with Council objective/strategic plan (if applicable):**

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

**1. Department / Function: Housing - 2022**

**Details of Project/Study: Ceiling and Lighting Upgrades (490 7th Ave E Owen Sound)**

**2. Total Gross Cost of Proposed Capital Project/Study: \$50,000**

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              | \$50,000              |           |                 |

Remove existing ceiling and install new 5/8" Type 'X' Gypsum Board. Install new energy efficient light for greater visibility and minimize hydro costs.

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018 | 2019 | 2020 | 2021 | 2022     | Total           |
|--------------|------|------|------|------|----------|-----------------|
| <b>Gross</b> | \$0  | \$0  | \$0  | \$0  | \$50,000 | <b>\$50,000</b> |
| <b>Net</b>   | \$0  | \$0  | \$0  | \$0  | \$50,000 | <b>\$50,000</b> |

**3. Estimated Useful Life: 25 years**

**4. Location of Project/Study (if applicable):**

| Facility Name / Address  | Municipality       |
|--------------------------|--------------------|
| 490 7th Ave E Owen Sound | City of Owen Sound |

**5. Need or Benefit(s) of Project (including safety issues):**

Reduce energy consumption and provide greater visibility.

**6. Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:**

|              | 2017 | 2018 | 2019 | 2020 | 2021 | Total      |
|--------------|------|------|------|------|------|------------|
| <b>Gross</b> | \$0  | \$0  | \$0  | \$0  | \$0  | <b>\$0</b> |
| <b>Net</b>   | \$0  | \$0  | \$0  | \$0  | \$0  | <b>\$0</b> |

**7. Consequences/Implications of Not Undertaking Project (including alternatives):**

Increased energy costs. Operating repairs increase due to peeling of paint ,gypsum board cracks,.

**8. Identify Sources and Amounts of Funding**

|              | Taxation        |
|--------------|-----------------|
| 2018         | \$0             |
| 2019         | \$0             |
| 2020         | \$0             |
| 2021         | \$0             |
| 2022         | \$50,000        |
| <b>Total</b> | <b>\$50,000</b> |

**9. Compliance with Council objective/strategic plan (if applicable):**

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

**1. Department / Function: Housing - 2022**

**Details of Project/Study: Ceiling and Lighting Upgrades (248 Queen Street Durham)**

**2. Total Gross Cost of Proposed Capital Project/Study: \$30,000**

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              | \$30,000              |           |                 |

Remove existing ceiling and install new 5/8" Type 'X' Gypsum Board. Install new energy efficient light for greater visibility and minimize hydro costs.

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018 | 2019 | 2020 | 2021 | 2022     | Total           |
|--------------|------|------|------|------|----------|-----------------|
| <b>Gross</b> | \$0  | \$0  | \$0  | \$0  | \$30,000 | <b>\$30,000</b> |
| <b>Net</b>   | \$0  | \$0  | \$0  | \$0  | \$30,000 | <b>\$30,000</b> |

**3. Estimated Useful Life: 25 years**

**4. Location of Project/Study (if applicable):**

| Facility Name / Address | Municipality              |
|-------------------------|---------------------------|
| 248 Queen Street Durham | Municipality of West Grey |

**5. Need or Benefit(s) of Project (including safety issues):**

Reduce energy consumption and provide greater visibility.

**6. Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:**

|              | 2017 | 2018 | 2019 | 2020 | 2021 | Total      |
|--------------|------|------|------|------|------|------------|
| <b>Gross</b> | \$0  | \$0  | \$0  | \$0  | \$0  | <b>\$0</b> |
| <b>Net</b>   | \$0  | \$0  | \$0  | \$0  | \$0  | <b>\$0</b> |

**7. Consequences/Implications of Not Undertaking Project (including alternatives):**

Increased energy costs. Operating repairs increase due to peeling of paint ,gypsum board cracks,.

**8. Identify Sources and Amounts of Funding**

|              | Taxation        |
|--------------|-----------------|
| 2018         | \$0             |
| 2019         | \$0             |
| 2020         | \$0             |
| 2021         | \$0             |
| 2022         | \$30,000        |
| <b>Total</b> | <b>\$30,000</b> |

**9. Compliance with Council objective/strategic plan (if applicable):**

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

**1. Department / Function: Housing - 2022**

**Details of Project/Study: Window Replacement (157 Nelson St Meaford)**

**2. Total Gross Cost of Proposed Capital Project/Study: \$20,000**

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              | \$20,000              |           |                 |

Install new energy star rated window to decrease overall heating costs to the building.

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018 | 2019 | 2020 | 2021 | 2022     | Total           |
|--------------|------|------|------|------|----------|-----------------|
| <b>Gross</b> | \$0  | \$0  | \$0  | \$0  | \$20,000 | <b>\$20,000</b> |
| <b>Net</b>   | \$0  | \$0  | \$0  | \$0  | \$0      | <b>\$0</b>      |

**3. Estimated Useful Life: 25 years**

**4. Location of Project/Study (if applicable):**

| Facility Name / Address | Municipality            |
|-------------------------|-------------------------|
| 157 Nelson St Meaford   | Municipality of Meaford |

**5. Need or Benefit(s) of Project (including safety issues):**

Replace aged and damaged windows. Resident comfort and energy efficiency. Upgrade windows. At end of life span. Energy Efficiency

**6. Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:**

|              | 2017 | 2018 | 2019 | 2020 | 2021 | Total      |
|--------------|------|------|------|------|------|------------|
| <b>Gross</b> | \$0  | \$0  | \$0  | \$0  | \$0  | <b>\$0</b> |
| <b>Net</b>   | \$0  | \$0  | \$0  | \$0  | \$0  | <b>\$0</b> |

**7. Consequences/Implications of Not Undertaking Project (including alternatives):**

Save on heating costs. Continued deterioration of existing windows, leaks, structural damage and mould accumulation.

**8. Identify Sources and Amounts of Funding**

|              | From Reserve -<br>Federal Gas Tax |
|--------------|-----------------------------------|
| 2018         | \$0                               |
| 2019         | \$0                               |
| 2020         | \$0                               |
| 2021         | \$0                               |
| 2022         | \$20,000                          |
| <b>Total</b> | <b>\$20,000</b>                   |

**9. Compliance with Council objective/strategic plan (if applicable):**

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

**1. Department / Function: Housing - 2022**

**Details of Project/Study: Emergency Generator (41 Mark St. Markdale)**

**2. Total Gross Cost of Proposed Capital Project/Study: \$40,000**

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              | \$40,000              |           |                 |

1 Storey 12 unit apartment building with common room.

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018 | 2019 | 2020 | 2021 | 2022     | Total           |
|--------------|------|------|------|------|----------|-----------------|
| <b>Gross</b> | \$0  | \$0  | \$0  | \$0  | \$40,000 | <b>\$40,000</b> |
| <b>Net</b>   | \$0  | \$0  | \$0  | \$0  | \$40,000 | <b>\$40,000</b> |

**3. Estimated Useful Life: 25 years**

**4. Location of Project/Study (if applicable):**

| Facility Name / Address | Municipality                   |
|-------------------------|--------------------------------|
| 41 Mark St. Markdale    | Municipality of Grey Highlands |

**5. Need or Benefit(s) of Project (including safety issues):**

Emergency generator required to power life safety systems (fire alarm and panel) and also to give power to Enterphone system. Power would also give heat to common area in the winter time so we would not have to relocate tenants.

**6. Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:**

|              | 2017 | 2018 | 2019 | 2020 | 2021 | Total      |
|--------------|------|------|------|------|------|------------|
| <b>Gross</b> | \$0  | \$0  | \$0  | \$0  | \$0  | <b>\$0</b> |
| <b>Net</b>   | \$0  | \$0  | \$0  | \$0  | \$0  | <b>\$0</b> |

**7. Consequences/Implications of Not Undertaking Project (including alternatives):**

No power to fire alarm panel means we would have to notify emergency response manually and require a 24 hour fire watch. Providing no heat to the buildings who require us to relocate the tenants to an alternate site.

**8. Identify Sources and Amounts of Funding**

|              | Taxation        |
|--------------|-----------------|
| 2018         | \$0             |
| 2019         | \$0             |
| 2020         | \$0             |
| 2021         | \$0             |
| 2022         | \$40,000        |
| <b>Total</b> | <b>\$40,000</b> |

**9. Compliance with Council objective/strategic plan (if applicable):**

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

**1. Department / Function: Housing - 2022**

**Details of Project/Study: Emergency Generator (208 Queen St., Durham)**

**2. Total Gross Cost of Proposed Capital Project/Study: \$40,000**

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              | \$40,000              |           |                 |

1 Storey 25 unit apartment with common room.

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018 | 2019 | 2020 | 2021 | 2022     | Total           |
|--------------|------|------|------|------|----------|-----------------|
| <b>Gross</b> | \$0  | \$0  | \$0  | \$0  | \$40,000 | <b>\$40,000</b> |
| <b>Net</b>   | \$0  | \$0  | \$0  | \$0  | \$40,000 | <b>\$40,000</b> |

**3. Estimated Useful Life: 25 years**

**4. Location of Project/Study (if applicable):**

| Facility Name / Address | Municipality              |
|-------------------------|---------------------------|
| 208 Queen Street Durham | Municipality of West Grey |

**5. Need or Benefit(s) of Project (including safety issues):**

Emergency generator required to power life safety systems (fire alarm and panel) and also to give power to Enterphone system. Power would also give heat to common area in the winter time so we would not have to relocate tenants.

**6. Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:**

|              | 2017 | 2018 | 2019 | 2020 | 2021 | Total      |
|--------------|------|------|------|------|------|------------|
| <b>Gross</b> | \$0  | \$0  | \$0  | \$0  | \$0  | <b>\$0</b> |
| <b>Net</b>   | \$0  | \$0  | \$0  | \$0  | \$0  | <b>\$0</b> |

**7. Consequences/Implications of Not Undertaking Project (including alternatives):**

No power to fire alarm panel means we would have to notify emergency response manually and require a 24 hour fire watch. Providing no heat to the buildings who require us to relocate the tenants to an alternate site.

**8. Identify Sources and Amounts of Funding**

|              | Taxation        |
|--------------|-----------------|
| 2018         | \$0             |
| 2019         | \$0             |
| 2020         | \$0             |
| 2021         | \$0             |
| 2022         | \$40,000        |
| <b>Total</b> | <b>\$40,000</b> |

**9. Compliance with Council objective/strategic plan (if applicable):**

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

**1. Department / Function: Housing - 2022**

**Details of Project/Study: Emergency Generator (81 Bruce St Thornbury)**

**2. Total Gross Cost of Proposed Capital Project/Study: \$40,000**

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              | \$40,000              |           |                 |

2 Storey 36 Unit apartment unit with common room.

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018 | 2019 | 2020 | 2021 | 2022     | Total           |
|--------------|------|------|------|------|----------|-----------------|
| <b>Gross</b> | \$0  | \$0  | \$0  | \$0  | \$40,000 | <b>\$40,000</b> |
| <b>Net</b>   | \$0  | \$0  | \$0  | \$0  | \$40,000 | <b>\$40,000</b> |

**3. Estimated Useful Life: 25 years**

**4. Location of Project/Study (if applicable):**

| Facility Name / Address | Municipality       |
|-------------------------|--------------------|
| 81 Bruce St Thornbury   | The Blue Mountains |

**5. Need or Benefit(s) of Project (including safety issues):**

Emergency generator required to power life safety systems (fire alarm and panel) and also to give power to Enterphone system. Power would also give heat to common area in the winter time so we would not have to relocate tenants.

**6. Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:**

|              | 2017 | 2018 | 2019 | 2020 | 2021 | Total      |
|--------------|------|------|------|------|------|------------|
| <b>Gross</b> | \$0  | \$0  | \$0  | \$0  | \$0  | <b>\$0</b> |
| <b>Net</b>   | \$0  | \$0  | \$0  | \$0  | \$0  | <b>\$0</b> |

**7. Consequences/Implications of Not Undertaking Project (including alternatives):**

No power to fire alarm panel means we would have to notify emergency response manually and require a 24 hour fire watch. Providing no heat to the buildings who require us to relocate the tenants to an alternate site.

**8. Identify Sources and Amounts of Funding**

|              | Taxation        |
|--------------|-----------------|
| 2018         | \$0             |
| 2019         | \$0             |
| 2020         | \$0             |
| 2021         | \$0             |
| 2022         | \$40,000        |
| <b>Total</b> | <b>\$40,000</b> |

**9. Compliance with Council objective/strategic plan (if applicable):**

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

**1. Department / Function: Housing - 2022**

**Details of Project/Study: Kitchen Rebuilds (248 7th Ave E Owen Sound)**

**2. Total Gross Cost of Proposed Capital Project/Study: \$120,000**

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              | \$120,000             |           |                 |

Replace end of life kitchen cabinets in 10 unit building.

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018 | 2019 | 2020 | 2021 | 2022      | Total            |
|--------------|------|------|------|------|-----------|------------------|
| <b>Gross</b> | \$0  | \$0  | \$0  | \$0  | \$120,000 | <b>\$120,000</b> |
| <b>Net</b>   | \$0  | \$0  | \$0  | \$0  | \$120,000 | <b>\$120,000</b> |

**3. Estimated Useful Life: 20 years**

**4. Location of Project/Study (if applicable):**

| Facility Name / Address  | Municipality       |
|--------------------------|--------------------|
| 248 7th Ave E Owen Sound | City of Owen Sound |

**5. Need or Benefit(s) of Project (including safety issues):**

Cabinets at end of life cycle. Maintenance free materials to be selected creating greater life cycle.

**6. Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:**

|              | 2017 | 2018 | 2019 | 2020 | 2021 | Total      |
|--------------|------|------|------|------|------|------------|
| <b>Gross</b> | \$0  | \$0  | \$0  | \$0  | \$0  | <b>\$0</b> |
| <b>Net</b>   | \$0  | \$0  | \$0  | \$0  | \$0  | <b>\$0</b> |

**7. Consequences/Implications of Not Undertaking Project (including alternatives):**

At end of useful life, increased cost to operating budget for maintenance repairs on cabinets and hardware.

**8. Identify Sources and Amounts of Funding**

|              | Taxation         |
|--------------|------------------|
| 2018         | \$0              |
| 2019         | \$0              |
| 2020         | \$0              |
| 2021         | \$0              |
| 2022         | \$120,000        |
| <b>Total</b> | <b>\$120,000</b> |

**9. Compliance with Council objective/strategic plan (if applicable):**

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

**1. Department / Function: Housing - 2022**

**Details of Project/Study: Exterior Doors and Suite Doors (208 Queen St., Durham)**

**2. Total Gross Cost of Proposed Capital Project/Study: \$75,000**

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              | \$75,000              |           |                 |

Replacement of exterior and interior suite doors for greater security, energy efficiency and fire resistance rating.

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018 | 2019 | 2020 | 2021 | 2022     | Total           |
|--------------|------|------|------|------|----------|-----------------|
| <b>Gross</b> | \$0  | \$0  | \$0  | \$0  | \$75,000 | <b>\$75,000</b> |
| <b>Net</b>   | \$0  | \$0  | \$0  | \$0  | \$75,000 | <b>\$75,000</b> |

**3. Estimated Useful Life: 20 years**

**4. Location of Project/Study (if applicable):**

| Facility Name / Address | Municipality              |
|-------------------------|---------------------------|
| 208 Queen Street Durham | Municipality of West Grey |

**5. Need or Benefit(s) of Project (including safety issues):**

New energy efficient doors to be installed reducing heating costs. New Suite doors to be steel increasing fire resistance rating.

**6. Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:**

|              | 2017 | 2018 | 2019 | 2020 | 2021 | Total      |
|--------------|------|------|------|------|------|------------|
| <b>Gross</b> | \$0  | \$0  | \$0  | \$0  | \$0  | <b>\$0</b> |
| <b>Net</b>   | \$0  | \$0  | \$0  | \$0  | \$0  | <b>\$0</b> |

**7. Consequences/Implications of Not Undertaking Project (including alternatives):**

Increase in heating costs, Damage to building envelope if not replaced.

**8. Identify Sources and Amounts of Funding**

|              | Taxation        |
|--------------|-----------------|
| 2018         | \$0             |
| 2019         | \$0             |
| 2020         | \$0             |
| 2021         | \$0             |
| 2022         | \$75,000        |
| <b>Total</b> | <b>\$75,000</b> |

**9. Compliance with Council objective/strategic plan (if applicable):**

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

**1. Department / Function: Housing - 2022**

**Details of Project/Study: Ashphalt Replacement (315 Bruce Street Durham)**

**2. Total Gross Cost of Proposed Capital Project/Study: \$25,000**

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              | \$25,000              |           |                 |

Remove existing asphalt paving. Supply and install 12" Granular A, 4" Granular 'B'. Install new 2" asphalt paving. Painted parking lines and barrier free symbols.

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018 | 2019 | 2020 | 2021 | 2022     | Total           |
|--------------|------|------|------|------|----------|-----------------|
| <b>Gross</b> | \$0  | \$0  | \$0  | \$0  | \$25,000 | <b>\$25,000</b> |
| <b>Net</b>   | \$0  | \$0  | \$0  | \$0  | \$25,000 | <b>\$25,000</b> |

**3. Estimated Useful Life: 20 years**

**4. Location of Project/Study (if applicable):**

| Facility Name / Address | Municipality              |
|-------------------------|---------------------------|
| 315 Bruce Street Durham | Municipality of West Grey |

**5. Need or Benefit(s) of Project (including safety issues):**

Replace existing asphalt paving that is cracking and uneven. Existing asphalt paving is starting to show cracks, damage and is at its end of life cycle. Replacing the existing surface will eliminate damage and reduce the amount of slips and trips.

**6. Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:**

|              | 2017 | 2018 | 2019 | 2020 | 2021 | Total      |
|--------------|------|------|------|------|------|------------|
| <b>Gross</b> | \$0  | \$0  | \$0  | \$0  | \$0  | <b>\$0</b> |
| <b>Net</b>   | \$0  | \$0  | \$0  | \$0  | \$0  | <b>\$0</b> |

**7. Consequences/Implications of Not Undertaking Project (including alternatives):**

Uneven ground could cause tripping hazard. Health and safety concerns. Increase in operating costs to repair cracks and pot holes.

**8. Identify Sources and Amounts of Funding**

|              | Taxation        |
|--------------|-----------------|
| 2018         | \$0             |
| 2019         | \$0             |
| 2020         | \$0             |
| 2021         | \$0             |
| 2022         | \$25,000        |
| <b>Total</b> | <b>\$25,000</b> |

**9. Compliance with Council objective/strategic plan (if applicable):**

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

**1. Department / Function: Housing - 2022**

**Details of Project/Study: Interior Suite Doors (14th Hanover - Family Units)**

**2. Total Gross Cost of Proposed Capital Project/Study: \$15,000**

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              | \$15,000              |           |                 |

Replace existing interior suite doors with new steel doors for increased fire resistance rating and security.

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018 | 2019 | 2020 | 2021 | 2022     | Total           |
|--------------|------|------|------|------|----------|-----------------|
| <b>Gross</b> | \$0  | \$0  | \$0  | \$0  | \$15,000 | <b>\$15,000</b> |
| <b>Net</b>   | \$0  | \$0  | \$0  | \$0  | \$15,000 | <b>\$15,000</b> |

**3. Estimated Useful Life: 20 years**

**4. Location of Project/Study (if applicable):**

| Facility Name / Address | Municipality    |
|-------------------------|-----------------|
| 14th Street Hanover     | Town of Hanover |

**5. Need or Benefit(s) of Project (including safety issues):**

Increase fire rating of existing doors.

**6. Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:**

|              | 2017 | 2018 | 2019 | 2020 | 2021 | Total      |
|--------------|------|------|------|------|------|------------|
| <b>Gross</b> | \$0  | \$0  | \$0  | \$0  | \$0  | <b>\$0</b> |
| <b>Net</b>   | \$0  | \$0  | \$0  | \$0  | \$0  | <b>\$0</b> |

**7. Consequences/Implications of Not Undertaking Project (including alternatives):**

Increase in maintenance costs to repair doors.

**8. Identify Sources and Amounts of Funding**

|              | Taxation        |
|--------------|-----------------|
| 2018         | \$0             |
| 2019         | \$0             |
| 2020         | \$0             |
| 2021         | \$0             |
| 2022         | \$15,000        |
| <b>Total</b> | <b>\$15,000</b> |

**9. Compliance with Council objective/strategic plan (if applicable):**

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

**1. Department / Function: Housing - 2022**

**Details of Project/Study: Water Pipe Replacement (214 11th Ave Hanover)**

**2. Total Gross Cost of Proposed Capital Project/Study: \$50,000**

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              | \$50,000              |           |                 |

Replacing existing water lines in ceiling with new. Copper material building thin walls over time and creates pin hole leaks in the water system. Install new LED lighting to reduce hydro consumption.

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018 | 2019 | 2020 | 2021 | 2022     | Total           |
|--------------|------|------|------|------|----------|-----------------|
| <b>Gross</b> | \$0  | \$0  | \$0  | \$0  | \$50,000 | <b>\$50,000</b> |
| <b>Net</b>   | \$0  | \$0  | \$0  | \$0  | \$50,000 | <b>\$50,000</b> |

**3. Estimated Useful Life: 20 Years**

**4. Location of Project/Study (if applicable):**

| Facility Name / Address | Municipality    |
|-------------------------|-----------------|
| 214 11th Ave Hanover    | Town of Hanover |

**5. Need or Benefit(s) of Project (including safety issues):**

By replacing the lines before they leak it will reduce the damage to the interior finishes and decrease and emergency calls to replace them.

**6. Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:**

|              | 2017 | 2018 | 2019 | 2020 | 2021 | Total      |
|--------------|------|------|------|------|------|------------|
| <b>Gross</b> | \$0  | \$0  | \$0  | \$0  | \$0  | <b>\$0</b> |
| <b>Net</b>   | \$0  | \$0  | \$0  | \$0  | \$0  | <b>\$0</b> |

**7. Consequences/Implications of Not Undertaking Project (including alternatives):**

Increase in operating costs as leaks would need to be fixed right way. Damage to interior finishes would also need to be fixed at an increase in cost.

**8. Identify Sources and Amounts of Funding**

|              | Taxation        |
|--------------|-----------------|
| 2018         | \$0             |
| 2019         | \$0             |
| 2020         | \$0             |
| 2021         | \$0             |
| 2022         | \$50,000        |
| <b>Total</b> | <b>\$50,000</b> |

**9. Compliance with Council objective/strategic plan (if applicable):**

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

**1. Department / Function: Housing - 2022**

**Details of Project/Study: Parking Lot Paving (Main St Holstein)**

**2. Total Gross Cost of Proposed Capital Project/Study: \$30,000**

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              | \$30,000              |           |                 |

Remove existing asphalt paving. Supply and install 12" Granular A, 4" Granular 'B'. Install new 2" asphalt paving. Painted parking lines and barrier free symbols.

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018 | 2019 | 2020 | 2021 | 2022     | Total           |
|--------------|------|------|------|------|----------|-----------------|
| <b>Gross</b> | \$0  | \$0  | \$0  | \$0  | \$30,000 | <b>\$30,000</b> |
| <b>Net</b>   | \$0  | \$0  | \$0  | \$0  | \$30,000 | <b>\$30,000</b> |

**3. Estimated Useful Life: 20 years**

**4. Location of Project/Study (if applicable):**

| Facility Name / Address | Municipality          |
|-------------------------|-----------------------|
| Main Street Holstein    | Township of Southgate |

**5. Need or Benefit(s) of Project (including safety issues):**

Asphalt reaching end of life cycle. Cracks and uneven surfaces create unsafe conditions for tenants.

**6. Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:**

|              | 2017 | 2018 | 2019 | 2020 | 2021 | Total      |
|--------------|------|------|------|------|------|------------|
| <b>Gross</b> | \$0  | \$0  | \$0  | \$0  | \$0  | <b>\$0</b> |
| <b>Net</b>   | \$0  | \$0  | \$0  | \$0  | \$0  | <b>\$0</b> |

**7. Consequences/Implications of Not Undertaking Project (including alternatives):**

Replace existing asphalt paving that is cracking and uneven. Existing asphalt paving is starting to show cracks, damage and is at its end of life cycle. Replacing the existing surface will eliminate damage and reduce the amount of slips and trips.

**8. Identify Sources and Amounts of Funding**

|              | Taxation        |
|--------------|-----------------|
| 2018         | \$0             |
| 2019         | \$0             |
| 2020         | \$0             |
| 2021         | \$0             |
| 2022         | \$30,000        |
| <b>Total</b> | <b>\$30,000</b> |

**9. Compliance with Council objective/strategic plan (if applicable):**

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

**1. Department / Function: Housing - 2022**

**Details of Project/Study: Bathroom Upgrades (81 Bruce St Thornbury)**

**2. Total Gross Cost of Proposed Capital Project/Study: \$160,000**

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              | \$160,000             |           |                 |

Bathrooms are original for building. Bathrooms would include new tub, flooring, vanity, shower controls, lighting, toilet and tub surround. All materials installed to be maintenance free. Toilets and lighting to reduce overall operating costs off the units. Grabs bars will be installed for health and safety concerns.

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018 | 2019 | 2020 | 2021 | 2022      | Total            |
|--------------|------|------|------|------|-----------|------------------|
| <b>Gross</b> | \$0  | \$0  | \$0  | \$0  | \$160,000 | <b>\$160,000</b> |
| <b>Net</b>   | \$0  | \$0  | \$0  | \$0  | \$160,000 | <b>\$160,000</b> |

**3. Estimated Useful Life: 20 years**

**4. Location of Project/Study (if applicable):**

| Facility Name / Address | Municipality       |
|-------------------------|--------------------|
| 81 Bruce St Thornbury   | The Blue Mountains |

**5. Need or Benefit(s) of Project (including safety issues):**

Damage to existing grout lines, caulking and seals cause water damage and mould growth. Exhaust fans original and need to be updated with energy efficient model. New gypsum board to be installed that is mould and mildew resistant. New toilets, faucets, vanities installed to reduce water consumption. Tub surrounds installed to minimize grout/sealant.

**6. Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:**

|              | 2017 | 2018 | 2019 | 2020 | 2021 | Total      |
|--------------|------|------|------|------|------|------------|
| <b>Gross</b> | \$0  | \$0  | \$0  | \$0  | \$0  | <b>\$0</b> |
| <b>Net</b>   | \$0  | \$0  | \$0  | \$0  | \$0  | <b>\$0</b> |

**7. Consequences/Implications of Not Undertaking Project (including alternatives):**

Health and safety (mould) Preventative maintenance Energy savings.

**8. Identify Sources and Amounts of Funding**

|              | Taxation         |
|--------------|------------------|
| 2018         | \$0              |
| 2019         | \$0              |
| 2020         | \$0              |
| 2021         | \$0              |
| 2022         | \$160,000        |
| <b>Total</b> | <b>\$160,000</b> |

**9. Compliance with Council objective/strategic plan (if applicable):**

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

**1. Department / Function: Housing - 2022**

**Details of Project/Study: Roof Replacement - Steel & Eavestrough (85 Lemon St)**

**2. Total Gross Cost of Proposed Capital Project/Study: \$140,000**

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              | \$140,000             |           |                 |

Existing shingles will need to be replaced. New ice and water shield to be installed over entire roof along with new steel roofing. New eaves trough and downspouts to be installed.

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018 | 2019 | 2020 | 2021 | 2022      | Total            |
|--------------|------|------|------|------|-----------|------------------|
| <b>Gross</b> | \$0  | \$0  | \$0  | \$0  | \$140,000 | <b>\$140,000</b> |
| <b>Net</b>   | \$0  | \$0  | \$0  | \$0  | \$140,000 | <b>\$140,000</b> |

**3. Estimated Useful Life: 40 years**

**4. Location of Project/Study (if applicable):**

| Facility Name / Address | Municipality       |
|-------------------------|--------------------|
| 85 Lemon St Thonbury    | The Blue Mountains |

**5. Need or Benefit(s) of Project (including safety issues):**

By installed ice and water shield over entire roof it prevents ice damming from occurring at eaves. New downspouts and with gutter guard system reduce maintenance costs of cleaning them every year.

**6. Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:**

|              | 2017 | 2018 | 2019 | 2020 | 2021 | Total      |
|--------------|------|------|------|------|------|------------|
| <b>Gross</b> | \$0  | \$0  | \$0  | \$0  | \$0  | <b>\$0</b> |
| <b>Net</b>   | \$0  | \$0  | \$0  | \$0  | \$0  | <b>\$0</b> |

**7. Consequences/Implications of Not Undertaking Project (including alternatives):**

If not replaced water damage may occur to building envelope and the structure increasing the costs to fix.

**8. Identify Sources and Amounts of Funding**

|              | Taxation         |
|--------------|------------------|
| 2018         | \$0              |
| 2019         | \$0              |
| 2020         | \$0              |
| 2021         | \$0              |
| 2022         | \$140,000        |
| <b>Total</b> | <b>\$140,000</b> |

**9. Compliance with Council objective/strategic plan (if applicable):**

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

**1. Department / Function: Housing - 2022**

**Details of Project/Study: Air Makeup Replacement (248 7th Ave E Owen Sound)**

**2. Total Gross Cost of Proposed Capital Project/Study: \$40,000**

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              | \$40,000              |           |                 |

Remove existing air make ups units and install new energy efficient model which will reduce gas costs.

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018 | 2019 | 2020 | 2021 | 2022     | Total           |
|--------------|------|------|------|------|----------|-----------------|
| <b>Gross</b> | \$0  | \$0  | \$0  | \$0  | \$40,000 | <b>\$40,000</b> |
| <b>Net</b>   | \$0  | \$0  | \$0  | \$0  | \$0      | <b>\$0</b>      |

**3. Estimated Useful Life: 20 years**

**4. Location of Project/Study (if applicable):**

| Facility Name / Address  | Municipality       |
|--------------------------|--------------------|
| 248 7th Ave E Owen Sound | City of Owen Sound |

**5. Need or Benefit(s) of Project (including safety issues):**

Newer Energy efficient units with variable speed motors installed will reduce operating costs.

**6. Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:**

|              | 2017 | 2018 | 2019 | 2020 | 2021 | Total      |
|--------------|------|------|------|------|------|------------|
| <b>Gross</b> | \$0  | \$0  | \$0  | \$0  | \$0  | <b>\$0</b> |
| <b>Net</b>   | \$0  | \$0  | \$0  | \$0  | \$0  | <b>\$0</b> |

**7. Consequences/Implications of Not Undertaking Project (including alternatives):**

Parts are harder to find in maintaining existing model. Increased operating costs.

**8. Identify Sources and Amounts of Funding**

|              | From Reserve -<br>Federal Gas Tax |
|--------------|-----------------------------------|
| 2018         | \$0                               |
| 2019         | \$0                               |
| 2020         | \$0                               |
| 2021         | \$0                               |
| 2022         | \$40,000                          |
| <b>Total</b> | <b>\$40,000</b>                   |

**9. Compliance with Council objective/strategic plan (if applicable):**

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

**SUMMARY OF FIVE YEAR CAPITAL &  
EXTRA-ORDINARY EXPENDITURES  
Grey Gables**

| PROJECT                                      | 2017<br>Approved<br>Budget | 2018-2022 Five Year Capital & Extra-Ordinary Expenditures |          |        |        |          |          |
|----------------------------------------------|----------------------------|-----------------------------------------------------------|----------|--------|--------|----------|----------|
|                                              |                            | 2018                                                      | 2019     | 2020   | 2021   | 2022     | TOTAL    |
| <b>Energy Management System</b>              | 7,500                      |                                                           |          |        |        |          |          |
| <b>Drapes and Blinds</b>                     | 15,000                     |                                                           |          |        |        |          |          |
| <b>Washer-disinfector</b>                    | 20,000                     |                                                           |          |        |        |          |          |
| From Reserve - Grey Gables Reserve           | (10,000)                   |                                                           |          |        |        |          |          |
| <b>Boiler Replacement</b>                    | 45,000                     |                                                           |          |        |        |          |          |
| From Reserve - Grey Gables Reserve           | (35,766)                   |                                                           |          |        |        |          |          |
| <b>Ceilings - common areas and in suites</b> | 60,000                     |                                                           |          |        |        |          |          |
| From Reserve - Grey Gables Reserve           | (60,000)                   |                                                           |          |        |        |          |          |
| <b>Railings and Balconies</b>                | 10,000                     | 10,000                                                    |          |        |        |          | 10,000   |
| <b>Furniture and Equipment Replacement</b>   | 15,000                     | 15,000                                                    | 15,000   |        |        |          | 30,000   |
| <b>Copper Piping Replacement</b>             | 20,000                     | 20,000                                                    | 20,000   |        |        |          | 40,000   |
| <b>Heating and/or Cooling Systems</b>        | 22,000                     | 22,000                                                    | 22,000   | 22,000 |        |          | 66,000   |
| From Reserve - Grey Gables Reserve           |                            | (22,000)                                                  |          |        |        |          | (22,000) |
| <b>Tub/Shower Room and Whirlpool Tubs</b>    | 85,000                     | 40,000                                                    | 42,500   | 45,000 |        |          | 127,500  |
| From Reserve - Grey Gables Reserve           | (85,000)                   | (40,000)                                                  |          |        |        |          | (40,000) |
| <b>Home Enhancements</b>                     | 10,000                     | 10,000                                                    | 10,000   |        |        | 10,000   | 30,000   |
| From Reserve - Grey Gables Donation Reserve  | (10,000)                   | (10,000)                                                  | (10,000) |        |        | (10,000) | (30,000) |
| <b>Debenture Payment - Roof</b>              |                            |                                                           |          |        |        |          |          |
| Debenture Payment                            | 73,234                     | 73,234                                                    | 73,234   | 73,234 | 73,234 | 73,234   | 366,170  |
| <b>High-Low Beds/Mattresses</b>              | 15,000                     | 15,000                                                    | 15,000   | 15,000 | 15,000 | 15,000   | 75,000   |
| From Reserve - Grey Gables Reserve           |                            | (5,342)                                                   |          |        |        |          | (5,342)  |

| PROJECT                                                       | 2017<br>Approved<br>Budget | 2018-2022 Five Year Capital & Extra-Ordinary Expenditures |                |                |                |                |                  |
|---------------------------------------------------------------|----------------------------|-----------------------------------------------------------|----------------|----------------|----------------|----------------|------------------|
|                                                               |                            | 2018                                                      | 2019           | 2020           | 2021           | 2022           | TOTAL            |
| Dietary Equipment                                             | 14,000                     | 5,000                                                     | 15,000         | 5,000          | 5,000          | 15,000         | 45,000           |
| Information Technology                                        | 22,500                     | 15,000                                                    | 33,600         | 15,000         | 10,000         | 15,000         | 88,600           |
| Resident Lifts                                                | 25,000                     | 25,000                                                    | 25,000         |                | 25,000         | 25,000         | 100,000          |
| Security System Upgrades                                      | 10,000                     |                                                           |                |                |                | 10,000         | 10,000           |
| Flat Roof Replacement                                         |                            | 44,000                                                    |                |                |                |                | 44,000           |
| Nurse Call Upgrades                                           |                            | 20,000                                                    |                |                |                |                | 20,000           |
| Sidewalks/Walkways                                            |                            | 30,000                                                    |                |                |                |                | 30,000           |
| From Reserve - Grey Gables Reserve                            |                            | (30,000)                                                  |                |                |                |                | (30,000)         |
| Laundry Equipment                                             |                            | 20,000                                                    | 20,000         |                |                |                | 40,000           |
| Long Term Care Area Floor Replacement                         |                            | 10,000                                                    | 10,000         | 10,000         |                |                | 30,000           |
| Elevator Upgrades                                             |                            | 15,000                                                    |                |                |                | 25,000         | 40,000           |
| Transfer To Reserve (BCA) Capital Asset Repairs & Replacement |                            |                                                           |                |                |                |                |                  |
| To Reserve - Grey Gables Reserve                              |                            |                                                           | 4,653          | 125,552        |                | 126,507        | 256,712          |
| Parking Lots, Curbs and Guards                                |                            |                                                           |                |                | 453,500        |                | 453,500          |
| From Reserve - Grey Gables Reserve                            |                            |                                                           |                |                | (255,409)      |                | (255,409)        |
| Floor Cleaning Machines - Replacement                         |                            |                                                           |                |                |                | 20,000         | 20,000           |
| Painting - Common Rooms/Hallways                              |                            |                                                           |                |                |                | 17,900         | 17,900           |
| <b>NET LEVY REQUIREMENTS</b>                                  | <b>268,468</b>             | <b>281,892</b>                                            | <b>295,987</b> | <b>310,786</b> | <b>326,325</b> | <b>342,641</b> | <b>1,557,631</b> |

**1. Department / Function: Grey Gables**

**Details of Project/Study: Railings and Balconies**

**2. Total Gross Cost of Proposed Capital Project/Study: \$10,000**

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              | \$10,000              |           |                 |

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018     | 2019 | 2020 | 2021 | 2022 | Total           |
|--------------|----------|------|------|------|------|-----------------|
| <b>Gross</b> | \$10,000 | \$0  | \$0  | \$0  | \$0  | <b>\$10,000</b> |
| <b>Net</b>   | \$10,000 | \$0  | \$0  | \$0  | \$0  | <b>\$10,000</b> |

**3. Estimated Useful Life: 5-10 years**

**4. Location of Project/Study (if applicable):**

| Facility Name / Address | Municipality                   |
|-------------------------|--------------------------------|
| Grey Gables             | Municipality of Grey Highlands |

**5. Need or Benefit(s) of Project (including safety issues):**

There are a number of wooden balconies and railings at Grey Gables. There has been noted to be several areas where the wood is rotten and requires replacing. It is planned to repair and replace railings over three years, 2016, 2017, 2018.

**6. Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:**

|              | 2017     | 2018     | 2019 | 2020 | 2021 | Total           |
|--------------|----------|----------|------|------|------|-----------------|
| <b>Gross</b> | \$10,000 | \$10,000 | \$0  | \$0  | \$0  | <b>\$20,000</b> |
| <b>Net</b>   | \$10,000 | \$10,000 | \$0  | \$0  | \$0  | <b>\$20,000</b> |

**7. Consequences/Implications of Not Undertaking Project (including alternatives):**

There is a safety risk to residents, staff and visitors related to leaning on railings that are not secure. Also, there are possible negative impact on the aesthetics of the building.

**8. Identify Sources and Amounts of Funding**

|              | Taxation        |
|--------------|-----------------|
| 2018         | \$10,000        |
| 2019         | \$0             |
| 2020         | \$0             |
| 2021         | \$0             |
| 2022         | \$0             |
| <b>Total</b> | <b>\$10,000</b> |

**9. Compliance with Council objective/strategic plan (if applicable):**

The upkeep, maintenance and replacement of equipment assist in achieving excellence in service, as goal 6 identifies in the Grey County Strategic Plan.

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

**1. Department / Function: Grey Gables**

**Details of Project/Study: Furniture and Equipment Replacement**

**2. Total Gross Cost of Proposed Capital Project/Study: \$30,000**

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              |                       | \$30,000  |                 |

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018     | 2019     | 2020 | 2021 | 2022 | Total           |
|--------------|----------|----------|------|------|------|-----------------|
| <b>Gross</b> | \$15,000 | \$15,000 | \$0  | \$0  | \$0  | <b>\$30,000</b> |
| <b>Net</b>   | \$15,000 | \$15,000 | \$0  | \$0  | \$0  | <b>\$30,000</b> |

**3. Estimated Useful Life: 10-15 years**

**4. Location of Project/Study (if applicable):**

| Facility Name / Address | Municipality                   |
|-------------------------|--------------------------------|
| Grey Gables             | Municipality of Grey Highlands |

**5. Need or Benefit(s) of Project (including safety issues):**

There is an ongoing need for upgrading and replacement of furniture, finishings and audio/visual equipment in resident lounge and common areas, dining rooms, resident rooms and offices. Normal wear and tear, changing resident needs and ensuring resident and staff safety are key considerations when items are replaced. The focus for 2018 will be the continued replacement of resident bedside units for each resident in bedrooms. This addresses the Ministry of Health and Long Term Care regulation ensuring that resident furniture and equipment is in a state of good repair and meet the needs of the resident population.

**6. Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:**

|              | 2017     | 2018     | 2019     | 2020 | 2021 | Total           |
|--------------|----------|----------|----------|------|------|-----------------|
| <b>Gross</b> | \$15,000 | \$15,000 | \$15,000 | \$0  | \$0  | <b>\$45,000</b> |
| <b>Net</b>   | \$15,000 | \$15,000 | \$15,000 | \$0  | \$0  | <b>\$45,000</b> |

**7. Consequences/Implications of Not Undertaking Project (including alternatives):**

Potential non-compliance to Ministry of Health and Long Term Care regulations to provide furnishings/equipment for the residents in good condition. Health and safety concerns for staff and the potential for infection control issues.

**8. Identify Sources and Amounts of Funding**

|              | Taxation        |
|--------------|-----------------|
| 2018         | \$15,000        |
| 2019         | \$15,000        |
| 2020         | \$0             |
| 2021         | \$0             |
| 2022         | \$0             |
| <b>Total</b> | <b>\$30,000</b> |

**9. Compliance with Council objective/strategic plan (if applicable):**

The upkeep, maintenance and replacement of equipment assist in achieving excellence in service, as goal 6 identifies in the Grey County Strategic Plan.

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

**1. Department / Function: Grey Gables**

**Details of Project/Study: Copper Piping Replacement**

**2. Total Gross Cost of Proposed Capital Project/Study: \$40,000**

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              | \$40,000              |           |                 |

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018     | 2019     | 2020 | 2021 | 2022 | Total           |
|--------------|----------|----------|------|------|------|-----------------|
| <b>Gross</b> | \$20,000 | \$20,000 | \$0  | \$0  | \$0  | <b>\$40,000</b> |
| <b>Net</b>   | \$20,000 | \$20,000 | \$0  | \$0  | \$0  | <b>\$40,000</b> |

**3. Estimated Useful Life: 20-25 years**

**4. Location of Project/Study (if applicable):**

| Facility Name / Address | Municipality                   |
|-------------------------|--------------------------------|
| Grey Gables             | Municipality of Grey Highlands |

**5. Need or Benefit(s) of Project (including safety issues):**

The copper in the building has been noted to be deteriorating due to age, showing pitting and pin-holes and is causing increased labour costs to repair leaks and building services shut downs of water system. The staff have reviewed previous consultation assessments and in 2016 began the needed replacement of copper piping. To date, two sections of copper piping in the Boiler Room have been replaced. Old type M copper has been replaced with type L copper. Where appropriate, some of the type M copper has been replaced with Pex plastic pipe. This project will continue the replacement of copper over the next two years.

**6. Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:**

|              | 2017     | 2018     | 2019     | 2020 | 2021 | Total           |
|--------------|----------|----------|----------|------|------|-----------------|
| <b>Gross</b> | \$20,000 | \$20,000 | \$20,000 | \$0  | \$0  | <b>\$60,000</b> |
| <b>Net</b>   | \$20,000 | \$20,000 | \$20,000 | \$0  | \$0  | <b>\$60,000</b> |

**7. Consequences/Implications of Not Undertaking Project (including alternatives):**

major damages to building/tenant space due to flooding/leaks

**8. Identify Sources and Amounts of Funding**

|              | Taxation        |
|--------------|-----------------|
| 2018         | \$20,000        |
| 2019         | \$20,000        |
| 2020         | \$0             |
| 2021         | \$0             |
| 2022         | \$0             |
| <b>Total</b> | <b>\$40,000</b> |

**9. Compliance with Council objective/strategic plan (if applicable):**

The upkeep, maintenance and replacement of equipment assist in achieving excellence in service, as goal 6 identifies in the Grey County Strategic Plan.

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

**1. Department / Function: Grey Gables**

**Details of Project/Study: Heating and/or Cooling Systems**

**2. Total Gross Cost of Proposed Capital Project/Study: \$66,000**

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              |                       | \$66,000  |                 |

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018     | 2019     | 2020     | 2021 | 2022 | Total           |
|--------------|----------|----------|----------|------|------|-----------------|
| <b>Gross</b> | \$22,000 | \$22,000 | \$22,000 | \$0  | \$0  | <b>\$66,000</b> |
| <b>Net</b>   | \$0      | \$22,000 | \$22,000 | \$0  | \$0  | <b>\$44,000</b> |

**3. Estimated Useful Life: 15 years**

**4. Location of Project/Study (if applicable):**

| Facility Name / Address | Municipality                   |
|-------------------------|--------------------------------|
| Grey Gables             | Municipality of Grey Highlands |

**5. Need or Benefit(s) of Project (including safety issues):**

We have 14 three ton cooling units. The coolant for the units is no longer easily accessible and is quite costly (it is no longer being produced and only recycled coolant is available). 6 units have been replaced in previous years. This project is to replace 8 cooling units over the next three years.

**6. Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:**

|              | 2017     | 2018     | 2019     | 2020     | 2021 | Total           |
|--------------|----------|----------|----------|----------|------|-----------------|
| <b>Gross</b> | \$22,000 | \$22,000 | \$22,000 | \$22,000 | \$0  | <b>\$88,000</b> |
| <b>Net</b>   | \$22,000 | \$22,000 | \$22,000 | \$22,000 | \$0  | <b>\$88,000</b> |

**7. Consequences/Implications of Not Undertaking Project (including alternatives):**  
breakdown of equipment that provides heating and cooling within the building

**8. Identify Sources and Amounts of Funding**

|              | Taxation        | From Reserve - Grey Gables Reserve |
|--------------|-----------------|------------------------------------|
| 2018         | \$0             | \$22,000                           |
| 2019         | \$22,000        | \$0                                |
| 2020         | \$22,000        | \$0                                |
| 2021         | \$0             | \$0                                |
| 2022         | \$0             | \$0                                |
| <b>Total</b> | <b>\$44,000</b> | <b>\$22,000</b>                    |

**9. Compliance with Council objective/strategic plan (if applicable):**

The upkeep, maintenance and replacement of equipment assist in achieving excellence in service, as goal 6 identifies in the Grey County Strategic Plan.

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

**1. Department / Function: Grey Gables**

**Details of Project/Study: Tub/Shower Room and Whirlpool Tubs**

**2. Total Gross Cost of Proposed Capital Project/Study: \$127,500**

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              |                       | \$127,500 |                 |

This project has \$132,500 available to use in 2017, including a carryforward from 2016.

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018     | 2019     | 2020     | 2021 | 2022 | Total            |
|--------------|----------|----------|----------|------|------|------------------|
| <b>Gross</b> | \$40,000 | \$42,500 | \$45,000 | \$0  | \$0  | <b>\$127,500</b> |
| <b>Net</b>   | \$0      | \$42,500 | \$45,000 | \$0  | \$0  | <b>\$87,500</b>  |

**3. Estimated Useful Life: 10 years**

**4. Location of Project/Study (if applicable):**

| Facility Name / Address | Municipality                   |
|-------------------------|--------------------------------|
| Grey Gables             | Municipality of Grey Highlands |

**5. Need or Benefit(s) of Project (including safety issues):**

Bathing can cause increased anxiety and responsive behaviours for people with dementia. By improving the environment, residents will be calmer, staff safety will be enhanced and work flow streamlined. Work will be completed following best practices for dementia care to create a spa-like environment and include equipment (tub, shower, chair etc), plumbing, ventilation updates and decor. The existing bathing rooms have not been updated in 15 years.

**6. Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:**

|              | 2017     | 2018 | 2019 | 2020 | 2021 | Total           |
|--------------|----------|------|------|------|------|-----------------|
| <b>Gross</b> | \$85,000 | \$0  | \$0  | \$0  | \$0  | <b>\$85,000</b> |
| <b>Net</b>   | \$0      | \$0  | \$0  | \$0  | \$0  | <b>\$0</b>      |

**7. Consequences/Implications of Not Undertaking Project (including alternatives):**

Unable to provide adequate service to residents and risk of non-compliance with MOHLTC.

**8. Identify Sources and Amounts of Funding**

|              | Taxation        | From Reserve - Grey Gables Reserve |
|--------------|-----------------|------------------------------------|
| 2018         | \$0             | \$40,000                           |
| 2019         | \$42,500        | \$0                                |
| 2020         | \$45,000        | \$0                                |
| 2021         | \$0             | \$0                                |
| 2022         | \$0             | \$0                                |
| <b>Total</b> | <b>\$87,500</b> | <b>\$40,000</b>                    |

**9. Compliance with Council objective/strategic plan (if applicable):**

The upkeep, maintenance and replacement of equipment assist in achieving excellence in service, as goal 6 identifies in the Grey County Strategic Plan.

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

**1. Department / Function: Grey Gables**

**Details of Project/Study: Home Enhancements**

**2. Total Gross Cost of Proposed Capital Project/Study: \$30,000**

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              |                       | \$30,000  |                 |

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018     | 2019     | 2020 | 2021 | 2022     | Total           |
|--------------|----------|----------|------|------|----------|-----------------|
| <b>Gross</b> | \$10,000 | \$10,000 | \$0  | \$0  | \$10,000 | <b>\$30,000</b> |
| <b>Net</b>   | \$0      | \$0      | \$0  | \$0  | \$0      | <b>\$0</b>      |

**3. Estimated Useful Life: 10-15 years**

**4. Location of Project/Study (if applicable):**

| Facility Name / Address | Municipality                   |
|-------------------------|--------------------------------|
| Grey Gables             | Municipality of Grey Highlands |

**5. Need or Benefit(s) of Project (including safety issues):**

Home enhancements are a benefit to all residents. The continued upgrading and replacement of outdated, less functional furniture in social and gathering areas (dining room and lounges) better support changing resident needs. Improved technology and upgrades in audio/visual equipment support resident engagement and improve their quality of life. Other areas that will be enhanced to better meet residents needs include the resident kitchenette (refrigerator, stove), the Cafe/Tuck Shop, the Chapel and the Legacy Tree (acknowledges donations to the Home). Grey Gables Residents' Council is very active in making recommendations for changes/enhancements that will improve their quality of life in our community. Suggestions for 2018 include enhanced, accessible gardens, increased shade (awnings) in the garden areas. Suggestions for improvement are also received from staff and families. It is requested that these purchases be funded from the Grey Gables Donation Reserve.

**6. Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:**

|              | 2017     | 2018     | 2019     | 2020 | 2021 | Total           |
|--------------|----------|----------|----------|------|------|-----------------|
| <b>Gross</b> | \$10,000 | \$10,000 | \$10,000 | \$0  | \$0  | <b>\$30,000</b> |
| <b>Net</b>   | \$0      | \$0      | \$0      | \$0  | \$0  | <b>\$0</b>      |

**7. Consequences/Implications of Not Undertaking Project (including alternatives):**

Loss of resident engagement, comfort and quality of life. The project will provide a home-like environment as determined by the residents through their recommendations.

**8. Identify Sources and Amounts of Funding**

|      | From Reserve -<br>Grey Gables<br>Donation<br>Reserve |
|------|------------------------------------------------------|
| 2018 | \$10,000                                             |
| 2019 | \$10,000                                             |
| 2020 | \$0                                                  |

|              |                 |
|--------------|-----------------|
| 2021         | \$0             |
| 2022         | \$10,000        |
| <b>Total</b> | <b>\$30,000</b> |

**9. Compliance with Council objective/strategic plan (if applicable):**

The upkeep, maintenance and replacement of equipment assist in achieving excellence in service, as goal 6 identifies in the Grey County Strategic Plan.

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

**1. Department / Function: Grey Gables**

**Details of Project/Study: Debenture Payment - Roof**

**2. Total Gross Cost of Proposed Capital Project/Study: \$952,042**

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              |                       |           | \$952,042       |

The roof at Grey Gables was replaced in 2010 with a free floating, standing seam metal roof system and the project was largely funded by a self funded debenture in the amount of \$1,464,680. The debenture has a 20 year term at an interest rate of 4.5% with semi-annual payments of \$36,617 (or \$73,234 annually).

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018     | 2019     | 2020     | 2021     | 2022     | Total            |
|--------------|----------|----------|----------|----------|----------|------------------|
| <b>Gross</b> | \$73,234 | \$73,234 | \$73,234 | \$73,234 | \$73,234 | <b>\$366,170</b> |
| <b>Net</b>   | \$73,234 | \$73,234 | \$73,234 | \$73,234 | \$73,234 | <b>\$366,170</b> |

**3. Estimated Useful Life:**

**4. Location of Project/Study (if applicable):**

| Facility Name / Address | Municipality                   |
|-------------------------|--------------------------------|
| Grey Gables             | Municipality of Grey Highlands |

**5. Need or Benefit(s) of Project (including safety issues):**

Repayment of self funded debenture

**6. Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:**

|              | 2017     | 2018     | 2019     | 2020     | 2021     | Total            |
|--------------|----------|----------|----------|----------|----------|------------------|
| <b>Gross</b> | \$73,234 | \$73,234 | \$73,234 | \$73,234 | \$73,234 | <b>\$366,170</b> |
| <b>Net</b>   | \$73,234 | \$73,234 | \$73,234 | \$73,234 | \$73,234 | <b>\$366,170</b> |

**7. Consequences/Implications of Not Undertaking Project (including alternatives):**

Repayment of self funded debenture

**8. Identify Sources and Amounts of Funding**

|              | Debenture Payment |
|--------------|-------------------|
| 2018         | \$73,234          |
| 2019         | \$73,234          |
| 2020         | \$73,234          |
| 2021         | \$73,234          |
| 2022         | \$73,234          |
| <b>Total</b> | <b>\$366,170</b>  |

**9. Compliance with Council objective/strategic plan (if applicable):**

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

**1. Department / Function: Grey Gables**

**Details of Project/Study: High-Low Beds/Mattresses**

**2. Total Gross Cost of Proposed Capital Project/Study: \$75,000**

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              |                       | \$75,000  |                 |

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018     | 2019     | 2020     | 2021     | 2022     | Total           |
|--------------|----------|----------|----------|----------|----------|-----------------|
| <b>Gross</b> | \$15,000 | \$15,000 | \$15,000 | \$15,000 | \$15,000 | <b>\$75,000</b> |
| <b>Net</b>   | \$9,658  | \$15,000 | \$15,000 | \$15,000 | \$15,000 | <b>\$69,658</b> |

**3. Estimated Useful Life: Beds - 10 years, mattresses - 3-5 years**

**4. Location of Project/Study (if applicable):**

| Facility Name / Address | Municipality                   |
|-------------------------|--------------------------------|
| Grey Gables             | Municipality of Grey Highlands |

**5. Need or Benefit(s) of Project (including safety issues):**

Grey Gables has adopted a restraint free approach to resident care. Specialized beds (high/low) are more in demand especially in light of MOHLTC "no/least" restraint policies. These beds lower to 6 inches from the floor which almost eliminates resident injury when attempting to crawl out of bed and raise to a safe level that allows staff to provide care. These funds allow for the replacement of 6-8 beds per year which allows for the ongoing replacement based on age of the bed/mattress. This plan was re-inforced recently with the completion of a bed entrapment audit.

Mattresses: The capital funds are for the ongoing replacement of mattresses that are at the end of useful life. The mattresses are being replaced with medium grade pressure relieving mattresses to meet the higher care needs of the residents. As well as, high grade pressure relief mattresses to address the complex care needs of our residents.

**6. Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:**

|              | 2017     | 2018     | 2019     | 2020     | 2021     | Total           |
|--------------|----------|----------|----------|----------|----------|-----------------|
| <b>Gross</b> | \$15,000 | \$15,000 | \$15,000 | \$15,000 | \$15,000 | <b>\$75,000</b> |
| <b>Net</b>   | \$15,000 | \$15,000 | \$15,000 | \$15,000 | \$15,000 | <b>\$75,000</b> |

**7. Consequences/Implications of Not Undertaking Project (including alternatives):**

Mattresses: The potential for non compliance with Ministry of Health and Long Term Care regulations to ensure that mattresses are in a good state of repair and provide adequate pressure relief to address the requirements for all residents. Beds: Potential safety risk to resident and staff. Non-compliance to Ministry of Health and Long Term Care regulations to ensure equipment meets residents needs and is in good working condition. High-low beds reduce the risk of injury to residents related to falls and restraints and increases their level of independence.

**8. Identify Sources and Amounts of Funding**

|  |                 |                                                   |
|--|-----------------|---------------------------------------------------|
|  | <b>Taxation</b> | <b>From Reserve -<br/>Grey Gables<br/>Reserve</b> |
|--|-----------------|---------------------------------------------------|

|              |                 |                |
|--------------|-----------------|----------------|
| 2018         | \$9,658         | \$5,342        |
| 2019         | \$15,000        | \$0            |
| 2020         | \$15,000        | \$0            |
| 2021         | \$15,000        | \$0            |
| 2022         | \$15,000        | \$0            |
| <b>Total</b> | <b>\$69,658</b> | <b>\$5,342</b> |

**9. Compliance with Council objective/strategic plan (if applicable):**

The upkeep, maintenance and replacement of equipment assist in achieving excellence in service, as goal 6 identifies in the Grey County Strategic Plan.

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

**1. Department / Function: Grey Gables**

**Details of Project/Study: Dietary Equipment**

**2. Total Gross Cost of Proposed Capital Project/Study: \$45,000**

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              |                       | \$45,000  |                 |

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018    | 2019     | 2020    | 2021    | 2022     | Total           |
|--------------|---------|----------|---------|---------|----------|-----------------|
| <b>Gross</b> | \$5,000 | \$15,000 | \$5,000 | \$5,000 | \$15,000 | <b>\$45,000</b> |
| <b>Net</b>   | \$5,000 | \$15,000 | \$5,000 | \$5,000 | \$15,000 | <b>\$45,000</b> |

**3. Estimated Useful Life:** robo coupe blixer: 3-5 years; dishwashers: 10 years; ice machine: 5-10 years; steam tables: 5 years

**4. Location of Project/Study (if applicable):**

| Facility Name / Address | Municipality                   |
|-------------------------|--------------------------------|
| Grey Gables             | Municipality of Grey Highlands |

**5. Need or Benefit(s) of Project (including safety issues):**

In 2018 the robo coupe blixer, used to prepare therapeutic textures, will be at the end of its life cycle and will require replacement.

In 2019 the dishwashers in the dining room serveries will be a the end of their service life and may need to be replaced. There are three dishwashers at approximately \$5,000 each.

In 2020 the ice machine in the main kitchen will be requiring replacement.

In 2022 the steam tables will be 8-10 years old and may require replacement. Each steam table, which is used to hold food at safe temperatures in each dining area, will be approximately \$5,000 to replace.

**6. Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:**

|              | 2017     | 2018    | 2019     | 2020    | 2021    | Total           |
|--------------|----------|---------|----------|---------|---------|-----------------|
| <b>Gross</b> | \$14,000 | \$5,000 | \$15,000 | \$5,000 | \$5,000 | <b>\$44,000</b> |
| <b>Net</b>   | \$14,000 | \$5,000 | \$15,000 | \$5,000 | \$5,000 | <b>\$44,000</b> |

**7. Consequences/Implications of Not Undertaking Project (including alternatives):**

Unmet standards and the requirement to add additional staff to complete the required work in the central kitchen.

**8. Identify Sources and Amounts of Funding**

|      | Taxation | From Reserve -<br>From Grey<br>Gables Reserve |
|------|----------|-----------------------------------------------|
| 2018 | \$5,000  | \$0                                           |
| 2019 | \$15,000 | \$0                                           |
| 2020 | \$5,000  | \$0                                           |
| 2021 | \$5,000  | \$0                                           |
| 2022 | \$15,000 | \$0                                           |

|              |                 |             |
|--------------|-----------------|-------------|
| <b>Total</b> | <b>\$45,000</b> | <b>\$ 0</b> |
|--------------|-----------------|-------------|

**9. Compliance with Council objective/strategic plan (if applicable):**

The upkeep, maintenance and replacement of equipment assist in achieving excellence in service, as goal 6 identifies in the Grey County Strategic Plan.

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

**1. Department / Function: Grey Gables**

**Details of Project/Study: Information Technology**

**2. Total Gross Cost of Proposed Capital Project/Study: \$88,600**

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              |                       | \$88,600  |                 |

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018     | 2019     | 2020     | 2021     | 2022     | Total           |
|--------------|----------|----------|----------|----------|----------|-----------------|
| <b>Gross</b> | \$15,000 | \$33,600 | \$15,000 | \$10,000 | \$15,000 | <b>\$88,600</b> |
| <b>Net</b>   | \$15,000 | \$33,600 | \$15,000 | \$10,000 | \$15,000 | <b>\$88,600</b> |

**3. Estimated Useful Life: 2-4 years**

**4. Location of Project/Study (if applicable):**

| Facility Name / Address | Municipality                   |
|-------------------------|--------------------------------|
| Grey Gables             | Municipality of Grey Highlands |

**5. Need or Benefit(s) of Project (including safety issues):**

Continue program of replacing computers and charting technology every 4 years to ensure the tools required for the operations of the home are effective.

In 2018 and 2022, the additional funds will be used to replace dietary technology used for meal production, recipes and menu boards. In 2019, the additional funds will be used to replace the equipment/technology for point of care documentation. In 2020 additional funds are requested to cover the costs of replacing handheld devices used for communication.

In 2021 and 2022 the budget has been adjusted to \$10,000 and \$15,000 to cover the costs of computers and extended warranty as per the current Information Technology policy.

**6. Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:**

|              | 2017     | 2018     | 2019     | 2020     | 2021     | Total            |
|--------------|----------|----------|----------|----------|----------|------------------|
| <b>Gross</b> | \$22,500 | \$15,000 | \$33,600 | \$15,000 | \$15,000 | <b>\$101,100</b> |
| <b>Net</b>   | \$22,500 | \$15,000 | \$33,600 | \$15,000 | \$15,000 | <b>\$101,100</b> |

**7. Consequences/Implications of Not Undertaking Project (including alternatives):**

Outdated equipment will lead to inefficient use of staff time, increases risk of technical failure which will affect resident documentation and other applications.

**8. Identify Sources and Amounts of Funding**

|              | Taxation        |
|--------------|-----------------|
| 2018         | \$15,000        |
| 2019         | \$33,600        |
| 2020         | \$15,000        |
| 2021         | \$10,000        |
| 2022         | \$15,000        |
| <b>Total</b> | <b>\$88,600</b> |

**9. Compliance with Council objective/strategic plan (if applicable):**

The upkeep, maintenance and replacement of equipment assist in achieving excellence in service, as goal 6 identifies in the Grey County Strategic Plan.

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

The IT Strategic plan recommends computer replacement every 4 years, policy is to replace every 4 years depending on software utilized on the computer.

1. **Department / Function:** **Grey Gables**  
**Details of Project/Study:** **Resident Lifts**

2. **Total Gross Cost of Proposed Capital Project/Study:** \$100,000

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              |                       | \$100,000 |                 |

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018     | 2019     | 2020 | 2021     | 2022     | Total            |
|--------------|----------|----------|------|----------|----------|------------------|
| <b>Gross</b> | \$25,000 | \$25,000 | \$0  | \$25,000 | \$25,000 | <b>\$100,000</b> |
| <b>Net</b>   | \$25,000 | \$25,000 | \$0  | \$25,000 | \$25,000 | <b>\$100,000</b> |

3. **Estimated Useful Life:** 10 years

4. **Location of Project/Study (if applicable):**

| Facility Name / Address | Municipality                   |
|-------------------------|--------------------------------|
| Grey Gables             | Municipality of Grey Highlands |

5. **Need or Benefit(s) of Project (including safety issues):**

Replacement of resident lifts at the end of useful life. To meet the increase in resident care needs, and the home's no lift policy, there is a requirement for a variety of lifting devices for example: full body lift, sit/stand lift, ceiling lift, tub lift, shower lift. The budget will ensure that inventory is maintained. 2018 and 2019 will continue to replace lifting devices. 2021 will begin the replacement cycle again.

6. **Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:**

|              | 2017     | 2018     | 2019     | 2020 | 2021     | Total            |
|--------------|----------|----------|----------|------|----------|------------------|
| <b>Gross</b> | \$25,000 | \$25,000 | \$25,000 | \$0  | \$25,000 | <b>\$100,000</b> |
| <b>Net</b>   | \$25,000 | \$25,000 | \$25,000 | \$0  | \$25,000 | <b>\$100,000</b> |

7. **Consequences/Implications of Not Undertaking Project (including alternatives):**

Compliance with Ministry of Health and Long Term Care regulations and Ministry of Labour standards to ensure adequate, well maintained equipment to address the health and safety needs of residents and staff.

8. **Identify Sources and Amounts of Funding**

|              | Taxation         |
|--------------|------------------|
| 2018         | \$25,000         |
| 2019         | \$25,000         |
| 2020         | \$0              |
| 2021         | \$25,000         |
| 2022         | \$25,000         |
| <b>Total</b> | <b>\$100,000</b> |

**9. Compliance with Council objective/strategic plan (if applicable):**

The upkeep, maintenance and replacement of equipment assist in achieving excellence in service, as goal 6 identifies in the Grey County Strategic Plan.

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

The home is required to provide a safe environment for residents and staff. Financial liability and injury to residents and staff could result from the use of unsafe equipment. The annual inspection and maintenance cost to recertify equipment is part of the operational budget.

**1. Department / Function: Grey Gables**

**Details of Project/Study: Security System Upgrades**

**2. Total Gross Cost of Proposed Capital Project/Study: \$10,000**

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              |                       | \$10,000  |                 |

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018 | 2019 | 2020 | 2021 | 2022     | Total           |
|--------------|------|------|------|------|----------|-----------------|
| <b>Gross</b> | \$0  | \$0  | \$0  | \$0  | \$10,000 | <b>\$10,000</b> |
| <b>Net</b>   | \$0  | \$0  | \$0  | \$0  | \$10,000 | <b>\$10,000</b> |

**3. Estimated Useful Life: 3-5 years**

**4. Location of Project/Study (if applicable):**

| Facility Name / Address    | Municipality                   |
|----------------------------|--------------------------------|
| Grey Gables Long Term Care | Municipality of Grey Highlands |

**5. Need or Benefit(s) of Project (including safety issues):**

This project proposes the replacement of security cameras in 2022 to improve the safety of residents and staff related to unobserved falls and/or behaviours. Cameras are proposed for the front and back entrances on the exterior of the building. In the interior of the building two cameras are proposed for each home area - one camera in the long hall and one camera in the horseshoe. The images from the cameras display on a monitor in the communication hub.

**6. Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:**

|              | 2017     | 2018 | 2019 | 2020 | 2021 | Total           |
|--------------|----------|------|------|------|------|-----------------|
| <b>Gross</b> | \$10,000 | \$0  | \$0  | \$0  | \$0  | <b>\$10,000</b> |
| <b>Net</b>   | \$10,000 | \$0  | \$0  | \$0  | \$0  | <b>\$10,000</b> |

**7. Consequences/Implications of Not Undertaking Project (including alternatives):**

Potential risk to residents and staff related to unobserved falls and/or increased behaviours

**8. Identify Sources and Amounts of Funding**

|              | Taxation        |
|--------------|-----------------|
| 2018         | \$0             |
| 2019         | \$0             |
| 2020         | \$0             |
| 2021         | \$0             |
| 2022         | \$10,000        |
| <b>Total</b> | <b>\$10,000</b> |

**9. Compliance with Council objective/strategic plan (if applicable):**

The upkeep, maintenance and replacement of equipment assist in achieving excellence in service, as goal 6 identifies in the Grey County Strategic Plan.

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

**1. Department / Function: Grey Gables**

**Details of Project/Study: Flat Roof Replacement**

**2. Total Gross Cost of Proposed Capital Project/Study: \$44,000**

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
| \$44,000     |                       |           |                 |

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018     | 2019 | 2020 | 2021 | 2022 | Total           |
|--------------|----------|------|------|------|------|-----------------|
| <b>Gross</b> | \$44,000 | \$0  | \$0  | \$0  | \$0  | <b>\$44,000</b> |
| <b>Net</b>   | \$44,000 | \$0  | \$0  | \$0  | \$0  | <b>\$44,000</b> |

**3. Estimated Useful Life: 15 years**

**4. Location of Project/Study (if applicable):**

| Facility Name / Address    | Municipality                   |
|----------------------------|--------------------------------|
| Grey Gables Long Term Care | Municipality of Grey Highlands |

**5. Need or Benefit(s) of Project (including safety issues):**

The seams of the flat roof are leaking. It has been patched twice and now needs to be replaced.

**6. Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:**

|              | 2017 | 2018 | 2019 | 2020 | 2021 | Total      |
|--------------|------|------|------|------|------|------------|
| <b>Gross</b> | \$0  | \$0  | \$0  | \$0  | \$0  | <b>\$0</b> |
| <b>Net</b>   | \$0  | \$0  | \$0  | \$0  | \$0  | <b>\$0</b> |

**7. Consequences/Implications of Not Undertaking Project (including alternatives):**

leaking and damage to the interior of the building. This roof covers the entire kitchen area.

**8. Identify Sources and Amounts of Funding**

|              | Taxation        |
|--------------|-----------------|
| 2018         | \$44,000        |
| 2019         | \$0             |
| 2020         | \$0             |
| 2021         | \$0             |
| 2022         | \$0             |
| <b>Total</b> | <b>\$44,000</b> |

**9. Compliance with Council objective/strategic plan (if applicable):**

The upkeep, maintenance and replacement of equipment assist in achieving excellence in service, as goal 6 identifies in the Grey County Strategic Plan.

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

Increased costs to repair damages caused by leaks/water.

**1. Department / Function: Grey Gables**

**Details of Project/Study: Nurse Call Upgrades**

**2. Total Gross Cost of Proposed Capital Project/Study: \$20,000**

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              | \$20,000              |           |                 |

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018     | 2019 | 2020 | 2021 | 2022 | Total           |
|--------------|----------|------|------|------|------|-----------------|
| <b>Gross</b> | \$20,000 | \$0  | \$0  | \$0  | \$0  | <b>\$20,000</b> |
| <b>Net</b>   | \$20,000 | \$0  | \$0  | \$0  | \$0  | <b>\$20,000</b> |

**3. Estimated Useful Life: 5-10 years**

**4. Location of Project/Study (if applicable):**

| Facility Name / Address    | Municipality                   |
|----------------------------|--------------------------------|
| Grey Gables Long Term Care | Municipality of Grey Highlands |

**5. Need or Benefit(s) of Project (including safety issues):**

Funds are required to upgrade the current nurse call bell system. The current system of call bell and communication was installed in 2012 and some of the hardware and technology will require replacement/upgrading. Specifically, the Nurse Call Controller hardware will require replacement in 2018.

**6. Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:**

|              | 2017 | 2018 | 2019 | 2020 | 2021 | Total      |
|--------------|------|------|------|------|------|------------|
| <b>Gross</b> | \$0  | \$0  | \$0  | \$0  | \$0  | <b>\$0</b> |
| <b>Net</b>   | \$0  | \$0  | \$0  | \$0  | \$0  | <b>\$0</b> |

**7. Consequences/Implications of Not Undertaking Project (including alternatives):**

Increased risk to residents and staff if they are unable to call staff effectively.

**8. Identify Sources and Amounts of Funding**

|              | Taxation        |
|--------------|-----------------|
| 2018         | \$20,000        |
| 2019         | \$0             |
| 2020         | \$0             |
| 2021         | \$0             |
| 2022         | \$0             |
| <b>Total</b> | <b>\$20,000</b> |

**9. Compliance with Council objective/strategic plan (if applicable):**

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

**1. Department / Function: Grey Gables**

**Details of Project/Study: Sidewalks/Walkways**

**2. Total Gross Cost of Proposed Capital Project/Study: \$30,000**

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              |                       | \$30,000  |                 |

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018     | 2019 | 2020 | 2021 | 2022 | Total           |
|--------------|----------|------|------|------|------|-----------------|
| <b>Gross</b> | \$30,000 | \$0  | \$0  | \$0  | \$0  | <b>\$30,000</b> |
| <b>Net</b>   | \$0      | \$0  | \$0  | \$0  | \$0  | <b>\$0</b>      |

**3. Estimated Useful Life: 5-10 years**

**4. Location of Project/Study (if applicable):**

| Facility Name / Address | Municipality                   |
|-------------------------|--------------------------------|
| Grey Gables             | Municipality of Grey Highlands |

**5. Need or Benefit(s) of Project (including safety issues):**

As per the Building Condition Assessment Study the concrete walkways and sidewalks are original to the construction of the building and are generally in good condition, however there are sections that require levelling or repair. The BCA study recommends allowing for this type of repair every five years. An internal assessment of the sidewalks and walkways has been completed and shows a number of sections are requiring repair. These include sidewalks and walkways leading to and around the tenant spaces, as well as the Grey Gables LTC front entrance curb and front entrance paved apron.

**6. Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:**

|              | 2017 | 2018     | 2019 | 2020 | 2021 | Total           |
|--------------|------|----------|------|------|------|-----------------|
| <b>Gross</b> | \$0  | \$30,000 | \$0  | \$0  | \$0  | <b>\$30,000</b> |
| <b>Net</b>   | \$0  | \$21,658 | \$0  | \$0  | \$0  | <b>\$21,658</b> |

**7. Consequences/Implications of Not Undertaking Project (including alternatives):**

continued deterioration of stairs and handrails, walkways could cause risk for resident, staff and visitor safety.

**8. Identify Sources and Amounts of Funding**

|              | Taxation   | From Reserve - Grey Gables Reserve |
|--------------|------------|------------------------------------|
| 2018         | \$0        | \$30,000                           |
| 2019         | \$0        | \$0                                |
| 2020         | \$0        | \$0                                |
| 2021         | \$0        | \$0                                |
| 2022         | \$0        | \$0                                |
| <b>Total</b> | <b>\$0</b> | <b>\$30,000</b>                    |

**9. Compliance with Council objective/strategic plan (if applicable):**

The upkeep, maintenance and replacement of equipment assist in achieving excellence in service, as goal 6 identifies in the Grey County Strategic Plan.

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

potential safety risk for residents, visitors and staff



**1. Department / Function: Grey Gables**

**Details of Project/Study: Laundry Equipment**

**2. Total Gross Cost of Proposed Capital Project/Study: \$40,000**

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              |                       | \$40,000  |                 |

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018     | 2019     | 2020 | 2021 | 2022 | Total           |
|--------------|----------|----------|------|------|------|-----------------|
| <b>Gross</b> | \$20,000 | \$20,000 | \$0  | \$0  | \$0  | <b>\$40,000</b> |
| <b>Net</b>   | \$20,000 | \$20,000 | \$0  | \$0  | \$0  | <b>\$40,000</b> |

**3. Estimated Useful Life: 10 -15 years**

**4. Location of Project/Study (if applicable):**

| Facility Name / Address | Municipality                   |
|-------------------------|--------------------------------|
| Grey Gables             | Municipality of Grey Highlands |

**5. Need or Benefit(s) of Project (including safety issues):**

The laundry appliances will be ending their useful life and will require replacement starting in 2018. The request is to replace one washer and dryer in 2018 and one washer and one dryer in 2019.

**6. Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:**

|              | 2017 | 2018     | 2019     | 2020 | 2021 | Total           |
|--------------|------|----------|----------|------|------|-----------------|
| <b>Gross</b> | \$0  | \$20,000 | \$20,000 | \$0  | \$0  | <b>\$40,000</b> |
| <b>Net</b>   | \$0  | \$20,000 | \$20,000 | \$0  | \$0  | <b>\$40,000</b> |

**7. Consequences/Implications of Not Undertaking Project (including alternatives):**

Possible "down time" in laundry leading to lack of appropriate service to residents and the Paramedic Services Department as well as potential infection control issues.

**8. Identify Sources and Amounts of Funding**

|              | Taxation        |
|--------------|-----------------|
| 2018         | \$20,000        |
| 2019         | \$20,000        |
| 2020         | \$0             |
| 2021         | \$0             |
| 2022         | \$0             |
| <b>Total</b> | <b>\$40,000</b> |

**9. Compliance with Council objective/strategic plan (if applicable):**

This capital investment complies with Goal 1 - expanding the prosperity base.

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

A lack of appropriate laundry service and potential infection control issues could lead to issues of non-compliance with MOHLTC.

**1. Department / Function: Grey Gables**

**Details of Project/Study: Long Term Care Area Floor Replacement**

**2. Total Gross Cost of Proposed Capital Project/Study: \$30,000**

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              | \$30,000              |           |                 |

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018     | 2019     | 2020     | 2021 | 2022 | Total           |
|--------------|----------|----------|----------|------|------|-----------------|
| <b>Gross</b> | \$10,000 | \$10,000 | \$10,000 | \$0  | \$0  | <b>\$30,000</b> |
| <b>Net</b>   | \$10,000 | \$10,000 | \$10,000 | \$0  | \$0  | <b>\$30,000</b> |

**3. Estimated Useful Life: 15 years**

**4. Location of Project/Study (if applicable):**

| Facility Name / Address | Municipality                   |
|-------------------------|--------------------------------|
| Grey Gables             | Municipality of Grey Highlands |

**5. Need or Benefit(s) of Project (including safety issues):**

The floors in some public areas and office spaces are in need of repair. These areas have also been identified as areas of non-compliance during MOHLTC RQI inspection. Additionally, the Building Condition Assessment notes that the floors have not been able to withstand application of cleaning and sterilizing chemicals resulting in the finish becoming porous and displaying a non-uniform film. The BCA recommends replacement with a hard-surface vinyl flooring. All bedroom and bathroom flooring in all three wings will have been replaced by the end of 2017.

This plan moves the project into 2018-2020 and requests funds for the replacement of flooring in public washrooms, staff areas and office spaces.

**6. Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:**

|              | 2017 | 2018     | 2019     | 2020     | 2021 | Total           |
|--------------|------|----------|----------|----------|------|-----------------|
| <b>Gross</b> | \$0  | \$10,000 | \$10,000 | \$10,000 | \$0  | <b>\$30,000</b> |
| <b>Net</b>   | \$0  | \$10,000 | \$10,000 | \$10,000 | \$0  | <b>\$30,000</b> |

**7. Consequences/Implications of Not Undertaking Project (including alternatives):**

Unkempt building and compromised resident well-being. By maintaining proper flooring, odours are reduced and the environment is safer.

**8. Identify Sources and Amounts of Funding**

|      | Taxation | From Reserve -<br>From Grey<br>Gables Reserve |
|------|----------|-----------------------------------------------|
| 2018 | \$10,000 | \$0                                           |
| 2019 | \$10,000 | \$0                                           |
| 2020 | \$10,000 | \$0                                           |
| 2021 | \$0      | \$0                                           |
| 2022 | \$0      | \$0                                           |

|              |                 |             |
|--------------|-----------------|-------------|
| <b>Total</b> | <b>\$30,000</b> | <b>\$ 0</b> |
|--------------|-----------------|-------------|

**9. Compliance with Council objective/strategic plan (if applicable):**

The upkeep, maintenance and replacement of equipment assist in achieving excellence in service, as goal 6 identifies in the Grey County Strategic Plan.

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

Flooring needs to be in good condition for resident, staff and visitor safety. Flooring is also an area inspected by the Ministry of Health and Long Term Care.

**1. Department / Function: Grey Gables**

**Details of Project/Study: Elevator Upgrades**

**2. Total Gross Cost of Proposed Capital Project/Study: \$40,000**

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              | \$40,000              |           |                 |

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018     | 2019 | 2020 | 2021 | 2022     | Total           |
|--------------|----------|------|------|------|----------|-----------------|
| <b>Gross</b> | \$15,000 | \$0  | \$0  | \$0  | \$25,000 | <b>\$40,000</b> |
| <b>Net</b>   | \$15,000 | \$0  | \$0  | \$0  | \$25,000 | <b>\$40,000</b> |

**3. Estimated Useful Life: 20 years**

**4. Location of Project/Study (if applicable):**

| Facility Name / Address    | Municipality                   |
|----------------------------|--------------------------------|
| Grey Gables Long Term Care | Municipality of Grey Highlands |

**5. Need or Benefit(s) of Project (including safety issues):**

As per the Solucore inspection the following issues need to be addressed. Rust proofing of pit steel . Addition of hands free phones. And soft start contactors for drive motor.

As per the Building Condition Assessment Report funds will be required in 2022 for elevator fixture upgrades and compliance with any elevator code changes.

**6. Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:**

|              | 2017 | 2018     | 2019 | 2020 | 2021 | Total           |
|--------------|------|----------|------|------|------|-----------------|
| <b>Gross</b> | \$0  | \$15,000 | \$0  | \$0  | \$0  | <b>\$15,000</b> |
| <b>Net</b>   | \$0  | \$15,000 | \$0  | \$0  | \$0  | <b>\$15,000</b> |

**7. Consequences/Implications of Not Undertaking Project (including alternatives):**

These improvements should prolong the life of the elevator and make it safer and decrease the risk of elevator failures.

**8. Identify Sources and Amounts of Funding**

|              | Taxation        |
|--------------|-----------------|
| 2018         | \$15,000        |
| 2019         | \$0             |
| 2020         | \$0             |
| 2021         | \$0             |
| 2022         | \$25,000        |
| <b>Total</b> | <b>\$40,000</b> |

**9. Compliance with Council objective/strategic plan (if applicable):**

The upkeep, maintenance and replacement of equipment assist in achieving excellence in service, as goal 6 identifies in the Grey County Strategic Plan.

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

Health and safety risk to residents, staff and general public. Potential violation of TSSA

standards.

**1. Department / Function: Grey Gables**

**Details of Project/Study: Transfer To Reserve (BCA) Capital Asset Repairs & Replacement**

**2. Total Gross Cost of Proposed Capital Project/Study: \$256,712**

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              |                       |           | \$256,712       |

Transfer to reserve for future funding of capital projects

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018 | 2019    | 2020      | 2021 | 2022      | Total            |
|--------------|------|---------|-----------|------|-----------|------------------|
| <b>Gross</b> | \$0  | \$4,653 | \$125,552 | \$0  | \$126,507 | <b>\$256,712</b> |
| <b>Net</b>   | \$0  | \$4,653 | \$125,552 | \$0  | \$126,507 | <b>\$256,712</b> |

**3. Estimated Useful Life:**

**4. Location of Project/Study (if applicable):**

| Facility Name / Address | Municipality                   |
|-------------------------|--------------------------------|
| Grey Gables             | Municipality of Grey Highlands |

**5. Need or Benefit(s) of Project (including safety issues):**

As recommended in the 2011 Building Condition Assessment, sufficient annual reserve contributions need to be made in order to ensure adequate funds are available for the replacement of building and equipment components in the future.

**6. Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:**

|              | 2017 | 2018 | 2019     | 2020      | 2021 | Total            |
|--------------|------|------|----------|-----------|------|------------------|
| <b>Gross</b> | \$0  | \$0  | \$47,153 | \$170,552 | \$0  | <b>\$217,705</b> |
| <b>Net</b>   | \$0  | \$0  | \$47,153 | \$170,552 | \$0  | <b>\$217,705</b> |

**7. Consequences/Implications of Not Undertaking Project (including alternatives):**

A stable source of funding for building and equipment component replacement is necessary in order to avoid budgetary impacts.

**8. Identify Sources and Amounts of Funding**

|              | To Reserve - Grey Gables Reserve |
|--------------|----------------------------------|
| 2018         | \$0                              |
| 2019         | \$4,653                          |
| 2020         | \$125,552                        |
| 2021         | \$0                              |
| 2022         | \$126,507                        |
| <b>Total</b> | <b>\$256,712</b>                 |

**9. Compliance with Council objective/strategic plan (if applicable):**

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

**1. Department / Function: Grey Gables**

**Details of Project/Study: Parking Lots, Curbs and Guards**

**2. Total Gross Cost of Proposed Capital Project/Study: \$453,500**

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              | \$453,500             |           |                 |

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018 | 2019 | 2020 | 2021      | 2022 | Total            |
|--------------|------|------|------|-----------|------|------------------|
| <b>Gross</b> | \$0  | \$0  | \$0  | \$453,500 | \$0  | <b>\$453,500</b> |
| <b>Net</b>   | \$0  | \$0  | \$0  | \$198,091 | \$0  | <b>\$198,091</b> |

**3. Estimated Useful Life: 20 years**

**4. Location of Project/Study (if applicable):**

| Facility Name / Address | Municipality                   |
|-------------------------|--------------------------------|
| Grey Gables             | Municipality of Grey Highlands |

**5. Need or Benefit(s) of Project (including safety issues):**

Building Condition Assessment report recommends that parking lots, curbs and guards will require work in 2020 and 2021. The projects have been combined to be completed together in 2021.

**6. Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:**

|              | 2017 | 2018 | 2019 | 2020 | 2021      | Total            |
|--------------|------|------|------|------|-----------|------------------|
| <b>Gross</b> | \$0  | \$0  | \$0  | \$0  | \$453,500 | <b>\$453,500</b> |
| <b>Net</b>   | \$0  | \$0  | \$0  | \$0  | \$193,091 | <b>\$193,091</b> |

**7. Consequences/Implications of Not Undertaking Project (including alternatives):**  
safety risk to residents, staff and visitors.

**8. Identify Sources and Amounts of Funding**

|              | Taxation         | From Reserve - Grey Gables Reserve |
|--------------|------------------|------------------------------------|
| 2018         | \$0              | \$0                                |
| 2019         | \$0              | \$0                                |
| 2020         | \$0              | \$0                                |
| 2021         | \$198,091        | \$255,409                          |
| 2022         | \$0              | \$0                                |
| <b>Total</b> | <b>\$198,091</b> | <b>\$255,409</b>                   |

**9. Compliance with Council objective/strategic plan (if applicable):**

The upkeep, maintenance and replacement of equipment assist in achieving excellence in service, as goal 6 identifies in the Grey County Strategic Plan.

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

**1. Department / Function: Grey Gables**

**Details of Project/Study: Floor Cleaning Machines - Replacement**

**2. Total Gross Cost of Proposed Capital Project/Study: \$20,000**

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              |                       | \$20,000  |                 |

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018 | 2019 | 2020 | 2021 | 2022     | Total           |
|--------------|------|------|------|------|----------|-----------------|
| <b>Gross</b> | \$0  | \$0  | \$0  | \$0  | \$20,000 | <b>\$20,000</b> |
| <b>Net</b>   | \$0  | \$0  | \$0  | \$0  | \$20,000 | <b>\$20,000</b> |

**3. Estimated Useful Life: 5-8 years**

**4. Location of Project/Study (if applicable):**

| Facility Name / Address | Municipality |
|-------------------------|--------------|
|                         |              |

**5. Need or Benefit(s) of Project (including safety issues):**

The floor cleaning machines will be nearing the end of their useful life. They were originally purchased in 2013.

**6. Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:**

|              | 2017 | 2018 | 2019 | 2020 | 2021 | Total      |
|--------------|------|------|------|------|------|------------|
| <b>Gross</b> | \$0  | \$0  | \$0  | \$0  | \$0  | <b>\$0</b> |
| <b>Net</b>   | \$0  | \$0  | \$0  | \$0  | \$0  | <b>\$0</b> |

**7. Consequences/Implications of Not Undertaking Project (including alternatives):**

Infection control and safety may be compromised if floor cleaning machines have frequent breakdowns.

**8. Identify Sources and Amounts of Funding**

|              | Taxation        |
|--------------|-----------------|
| 2018         | \$0             |
| 2019         | \$0             |
| 2020         | \$0             |
| 2021         | \$0             |
| 2022         | \$20,000        |
| <b>Total</b> | <b>\$20,000</b> |

**9. Compliance with Council objective/strategic plan (if applicable):**

The upkeep, maintenance and replacement of equipment assist in achieving excellence in service, as goal 6 identifies in the Grey County Strategic Plan.

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

A lack of appropriate cleaning equipment and potential infection control issues could lead to issues of non-compliance with MOHLTC.

**1. Department / Function: Grey Gables**

**Details of Project/Study: Painting - Common Rooms/Hallways**

**2. Total Gross Cost of Proposed Capital Project/Study: \$17,900**

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              | \$17,900              |           |                 |

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018 | 2019 | 2020 | 2021 | 2022     | Total           |
|--------------|------|------|------|------|----------|-----------------|
| <b>Gross</b> | \$0  | \$0  | \$0  | \$0  | \$17,900 | <b>\$17,900</b> |
| <b>Net</b>   | \$0  | \$0  | \$0  | \$0  | \$17,900 | <b>\$17,900</b> |

**3. Estimated Useful Life: 15 years**

**4. Location of Project/Study (if applicable):**

| Facility Name / Address    | Municipality                   |
|----------------------------|--------------------------------|
| Grey Gables Long Term Care | Municipality of Grey Highlands |

**5. Need or Benefit(s) of Project (including safety issues):**

The Building Condition Assessment Report indicates the need for common rooms and hallway walls to be repainted in 2022.

**6. Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:**

|              | 2017 | 2018 | 2019 | 2020 | 2021 | Total      |
|--------------|------|------|------|------|------|------------|
| <b>Gross</b> | \$0  | \$0  | \$0  | \$0  | \$0  | <b>\$0</b> |
| <b>Net</b>   | \$0  | \$0  | \$0  | \$0  | \$0  | <b>\$0</b> |

**7. Consequences/Implications of Not Undertaking Project (including alternatives):**

Potential non-compliance with the Ministry of Health and Long Term Care Regulations to maintain the Home in good condition.

**8. Identify Sources and Amounts of Funding**

|              | Taxation        |
|--------------|-----------------|
| 2018         | \$0             |
| 2019         | \$0             |
| 2020         | \$0             |
| 2021         | \$0             |
| 2022         | \$17,900        |
| <b>Total</b> | <b>\$17,900</b> |

**9. Compliance with Council objective/strategic plan (if applicable):**

The upkeep, maintenance and replacement of equipment assist in achieving excellence in service as goal 6 identifies in the Grey County Strategic Plan.

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

**SUMMARY OF FIVE YEAR CAPITAL &  
EXTRA-ORDINARY EXPENDITURES  
Lee Manor**

| PROJECT                                                          | 2017<br>Approved<br>Budget | 2018-2022 Five Year Capital & Extra-Ordinary Expenditures |          |        |        |          |          |
|------------------------------------------------------------------|----------------------------|-----------------------------------------------------------|----------|--------|--------|----------|----------|
|                                                                  |                            | 2018                                                      | 2019     | 2020   | 2021   | 2022     | TOTAL    |
| <b>High-Low Beds/Mattresses</b>                                  | 32,500                     | 33,000                                                    | 33,500   | 34,000 | 34,500 | 35,000   | 170,000  |
| From Reserve - Lee Manor Reserve                                 | (32,500)                   | (32,391)                                                  | (33,500) |        |        | (10,891) | (76,782) |
| <b>Information Technology</b>                                    | 20,000                     | 62,000                                                    | 60,000   | 25,000 | 25,000 | 50,000   | 222,000  |
| From Reserve - Lee Manor Reserve                                 | (15,000)                   | (22,000)                                                  | (12,500) |        |        |          | (34,500) |
| <b>Resident Lifts</b>                                            | 25,000                     | 25,000                                                    | 25,000   | 25,000 | 25,000 | 25,000   | 125,000  |
| From Reserve - Lee Manor Reserve                                 | (25,000)                   |                                                           |          |        |        |          |          |
| <b>Home Enhancements</b>                                         | 20,000                     | 20,000                                                    | 20,000   | 20,000 | 20,000 | 20,000   | 100,000  |
| From Reserve - Lee Manor Operations Reserve                      | (20,000)                   |                                                           |          |        |        |          |          |
| From Reserve - Lee Manor Donations                               |                            | (5,000)                                                   |          |        |        |          | (5,000)  |
| <b>Whirlpool Tubs</b>                                            | 45,000                     |                                                           |          |        | 45,000 | 45,000   | 90,000   |
| From Reserve - Lee Manor Reserve                                 | (45,000)                   |                                                           |          |        |        |          |          |
| <b>Floor Replacement</b>                                         | 15,000                     | 15,000                                                    | 15,000   | 15,000 | 15,000 | 15,000   | 75,000   |
| <b>Dietary Equipment</b>                                         |                            | 50,000                                                    | 50,000   |        | 20,000 | 50,000   | 170,000  |
| <b>Hot Water Heat Exchanger and Filter Replacement</b>           |                            | 12,000                                                    |          |        |        |          | 12,000   |
| <b>Relocation of Four-inch Main Sprinkler Pipe</b>               |                            | 20,000                                                    |          |        |        |          | 20,000   |
| <b>Sanitary Waste Removal System</b>                             |                            | 11,500                                                    |          |        |        | 17,500   | 29,000   |
| <b>Asbestos Removal</b>                                          |                            | 30,000                                                    | 30,000   |        |        |          | 60,000   |
| <b>Caulking/ Sealant</b>                                         |                            |                                                           | 55,000   |        |        |          | 55,000   |
| From Reserve - Lee Manor Reserve                                 |                            |                                                           | (55,000) |        |        |          | (55,000) |
| <b>Front Parking Lot Resurfacing and Catch Basin Replacement</b> |                            |                                                           | 72,500   |        |        |          | 72,500   |
| From Reserve - Lee Manor Reserve                                 |                            |                                                           | (54,318) |        |        |          | (54,318) |
| <b>Replacement of Refrigerators in Dining Room Serveries</b>     |                            |                                                           | 20,000   |        |        |          | 20,000   |

| PROJECT                                                       | 2017<br>Approved<br>Budget | 2018-2022 Five Year Capital & Extra-Ordinary Expenditures |                |                |                |                |                  |
|---------------------------------------------------------------|----------------------------|-----------------------------------------------------------|----------------|----------------|----------------|----------------|------------------|
|                                                               |                            | 2018                                                      | 2019           | 2020           | 2021           | 2022           | TOTAL            |
| Driveway and Sidewalk Repair                                  |                            |                                                           |                | 12,000         |                |                | 12,000           |
| Replacement of Fire Alarm System                              |                            |                                                           |                |                | 196,000        |                | 196,000          |
| From Reserve - Lee Manor Reserve                              |                            |                                                           |                |                | (141,074)      |                | (141,074)        |
| Elevator Code/Vandalism and Oil Cooler Replacement            |                            |                                                           |                |                | 40,000         |                | 40,000           |
| From Reserve - Lee Manor Reserve                              |                            |                                                           |                |                | (40,000)       |                | (40,000)         |
| Storm Water Management                                        | 40,000                     |                                                           |                |                |                |                |                  |
| From Reserve - Lee Manor Reserve                              | (12,273)                   |                                                           |                |                |                |                |                  |
| Kitchen Renovation                                            | 150,000                    |                                                           |                |                |                |                |                  |
| Kitchen Floor Replacement (Dish Room)                         | 15,000                     |                                                           |                |                |                |                |                  |
| Gas Range Stoves (2)                                          | 30,000                     |                                                           |                |                |                |                |                  |
| From Reserve - Lee Manor Reserve                              | (30,000)                   |                                                           |                |                |                |                |                  |
| Convection Ovens (2)                                          | 40,000                     |                                                           |                |                |                |                |                  |
| From Reserve - Lee Manor Reserve                              | (40,000)                   |                                                           |                |                |                |                |                  |
| Emergency Generator Re-furbishment                            | 13,500                     |                                                           |                |                |                |                |                  |
| From Reserve - Lee Manor Reserve                              | (13,500)                   |                                                           |                |                |                |                |                  |
| Replacement of Mechanical air make-up system                  | 15,000                     |                                                           |                |                |                |                |                  |
| From Reserve - Lee Manor Reserve                              | (15,000)                   |                                                           |                |                |                |                |                  |
| Transfer To Reserve (BCA) Capital Asset Repairs & Replacement |                            |                                                           |                |                |                |                |                  |
| To Reserve - Lee Manor Reserve                                |                            |                                                           |                | 101,452        |                |                | 101,452          |
| <b>NET LEVY REQUIREMENTS</b>                                  | <b>212,727</b>             | <b>219,109</b>                                            | <b>225,682</b> | <b>232,452</b> | <b>239,426</b> | <b>246,609</b> | <b>1,163,278</b> |

**1. Department / Function: Lee Manor**

**Details of Project/Study: High-Low Beds/Mattresses**

**2. Total Gross Cost of Proposed Capital Project/Study: \$167,500**

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              |                       | \$167,500 |                 |

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018     | 2019     | 2020     | 2021     | 2022     | Total            |
|--------------|----------|----------|----------|----------|----------|------------------|
| <b>Gross</b> | \$33,000 | \$33,500 | \$34,000 | \$34,500 | \$35,000 | <b>\$170,000</b> |
| <b>Net</b>   | \$609    | \$0      | \$34,000 | \$34,500 | \$24,109 | <b>\$93,218</b>  |

**3. Estimated Useful Life: 3-5 Years for mattresses, 10 Years for beds**

**4. Location of Project/Study (if applicable):**

| Facility Name / Address | Municipality       |
|-------------------------|--------------------|
| Lee Manor               | City of Owen Sound |

**5. Need or Benefit(s) of Project (including safety issues):**

**Mattresses:** The capital funds are for the ongoing replacement of mattresses that are at the end of useful life. The mattresses are being replaced with medium grade pressure relieving mattresses to meet the higher care needs of the residents. As well as, high grade pressure relief mattresses to address the complex care needs of our residents.

**Beds:** Lee Manor supports a restraint free philosophy with resident care. Specialized beds (high/low) are more in demand especially in light of MOHLTC "no/least" restraint policies. These beds lower to approx. 6-8 inches from the floor which significantly decreases resident injury when attempting to get out of bed. The funds allow for the purchase of 10-12 beds per year. The goal is to have one for every resident, at which time the capital will be used to replace beds as they come to the end of their life expectancy. This plan was re-inforced recently with the completion of a bed entrapment audit.

**6. Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:**

|              | 2017     | 2018     | 2019     | 2020     | 2021     | Total            |
|--------------|----------|----------|----------|----------|----------|------------------|
| <b>Gross</b> | \$32,500 | \$33,000 | \$33,500 | \$34,000 | \$34,500 | <b>\$167,500</b> |
| <b>Net</b>   | \$0      | \$609    | \$12,500 | \$34,000 | \$34,500 | <b>\$81,609</b>  |

**7. Consequences/Implications of Not Undertaking Project (including alternatives):**

**Mattresses:** Potential to compromise the care needs of the residents regarding pressure relief and infection control. **Beds:** There is a potential risk to resident safety and MOHLTC non-compliance. High-low beds reduce the risk of injury to residents related to falls and restraints and increase their level of independence.

**8. Identify Sources and Amounts of Funding**

|      | From Reserve -<br>Lee Manor<br>Reserve | Taxation |
|------|----------------------------------------|----------|
| 2018 | \$32,391                               | \$609    |
| 2019 | \$33,500                               | \$0      |
| 2020 | \$0                                    | \$34,000 |

|              |                 |                 |
|--------------|-----------------|-----------------|
| 2021         | \$0             | \$34,500        |
| 2022         | \$10,891        | \$24,109        |
| <b>Total</b> | <b>\$76,782</b> | <b>\$93,218</b> |

**9. Compliance with Council objective/strategic plan (if applicable):**

The upkeep, maintenance and replacement of equipment assist in achieving excellence in service, as goal 6 identifies in the Grey County Strategic Plan.

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

Mattresses: The potential for non compliance with Ministry of Health and Long Term Care regulations to ensure that mattresses are in a good state of repair and provide adequate pressure relief to address the requirements for all residents. Beds: Potential safety risk to resident and staff. Non-compliance to Ministry of Health and Long Term Care regulations to ensure equipment meets residents needs and is in good working condition.

**1. Department / Function: Lee Manor**

**Details of Project/Study: Information Technology**

**2. Total Gross Cost of Proposed Capital Project/Study: \$177,000**

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              |                       | \$177,000 |                 |

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018     | 2019     | 2020     | 2021     | 2022     | Total            |
|--------------|----------|----------|----------|----------|----------|------------------|
| <b>Gross</b> | \$62,000 | \$60,000 | \$25,000 | \$25,000 | \$50,000 | <b>\$222,000</b> |
| <b>Net</b>   | \$40,000 | \$47,500 | \$25,000 | \$25,000 | \$50,000 | <b>\$187,500</b> |

**3. Estimated Useful Life: 4 years**

**4. Location of Project/Study (if applicable):**

| Facility Name / Address | Municipality       |
|-------------------------|--------------------|
| Lee Manor               | City of Owen Sound |

**5. Need or Benefit(s) of Project (including safety issues):**

Continue program of replacing IT equipment that supports resident care. Increase in monies requested reflect the increase in cost of computers and extended warranty, as per current IT policy. For example, replacement of computers and tablets; security equipment; various types of equipment for documentation at point of resident care, menu boards in resident dining rooms and in the kitchen, hand held devices for communication and documentation every 4-5 years to ensure the tools required for the operations of the home are effective. In 2018, the additional funds will be used to replace OTN (Ontario Telemedicine Network) equipment. In 2019, the additional funds will be used to replace the equipment/ technology for point of care documentation. In 2018 and 2022 the additional funds will be used to replace dietary technology used for meal production, recipes and menu boards. As well as, security equipment.

**6. Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:**

|              | 2017     | 2018     | 2019     | 2020     | 2021     | Total            |
|--------------|----------|----------|----------|----------|----------|------------------|
| <b>Gross</b> | \$20,000 | \$57,000 | \$60,000 | \$20,000 | \$20,000 | <b>\$177,000</b> |
| <b>Net</b>   | \$5,000  | \$57,000 | \$60,000 | \$20,000 | \$20,000 | <b>\$162,000</b> |

**7. Consequences/Implications of Not Undertaking Project (including alternatives):**

Staff required to work with obsolete equipment may lead to inefficiency in day to day tasks, as well as in communication with other departments and outside agencies.

**8. Identify Sources and Amounts of Funding**

|      | Taxation | From Reserve - Lee Manor Reserve |
|------|----------|----------------------------------|
| 2018 | \$40,000 | \$22,000                         |
| 2019 | \$47,500 | \$12,500                         |
| 2020 | \$25,000 | \$0                              |
| 2021 | \$25,000 | \$0                              |

|              |                  |                 |
|--------------|------------------|-----------------|
| 2022         | \$50,000         | \$0             |
| <b>Total</b> | <b>\$187,500</b> | <b>\$34,500</b> |

**9. Compliance with Council objective/strategic plan (if applicable):**

The upkeep, maintenance and replacement of equipment assist in achieving excellence in service, as goal 6 identifies in the Grey County Strategic Plan.

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

Inefficiency of staff; potential impact on Nursing and Personal Care funding; potential impact for home not meeting regulatory requirements. IT strategic plan recommends computer replacement every 4 years.

1. **Department / Function:** **Lee Manor**  
**Details of Project/Study:** **Resident Lifts**

2. **Total Gross Cost of Proposed Capital Project/Study:** \$125,000

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              |                       | \$125,000 |                 |

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018     | 2019     | 2020     | 2021     | 2022     | Total            |
|--------------|----------|----------|----------|----------|----------|------------------|
| <b>Gross</b> | \$25,000 | \$25,000 | \$25,000 | \$25,000 | \$25,000 | <b>\$125,000</b> |
| <b>Net</b>   | \$25,000 | \$25,000 | \$25,000 | \$25,000 | \$25,000 | <b>\$125,000</b> |

3. **Estimated Useful Life:** 10 Years

4. **Location of Project/Study (if applicable):**

| Facility Name / Address | Municipality       |
|-------------------------|--------------------|
| Lee Manor               | City of Owen Sound |

5. **Need or Benefit(s) of Project (including safety issues):**

Replacement of resident lifting devices at the end of useful life. To meet the increase in resident care needs, and the home's "No Lift" policy, there is a requirement for a variety of lifting devices for example: Full Body lift, Sit/Stand lift, Ceiling lift, Tub lift, Shower chair/trolley lift. The capital funds will ensure that inventory is maintained.

6. **Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:**

|              | 2017     | 2018     | 2019     | 2020     | 2021     | Total            |
|--------------|----------|----------|----------|----------|----------|------------------|
| <b>Gross</b> | \$25,000 | \$25,000 | \$25,000 | \$25,000 | \$25,000 | <b>\$125,000</b> |
| <b>Net</b>   | \$0      | \$25,000 | \$25,000 | \$25,000 | \$25,000 | <b>\$100,000</b> |

7. **Consequences/Implications of Not Undertaking Project (including alternatives):**

Compliance with Ministry of Health and Long Term Care regulations and Ministry of Labour standards to ensure adequate, well maintained equipment to support the health and safety needs of residents and staff.

8. **Identify Sources and Amounts of Funding**

|              | Taxation         | From Reserve - Lee Manor Reserve |
|--------------|------------------|----------------------------------|
| 2018         | \$25,000         | \$0                              |
| 2019         | \$25,000         | \$0                              |
| 2020         | \$25,000         | \$0                              |
| 2021         | \$25,000         | \$0                              |
| 2022         | \$25,000         | \$0                              |
| <b>Total</b> | <b>\$125,000</b> | <b>\$0</b>                       |

**9. Compliance with Council objective/strategic plan (if applicable):**

The upkeep, maintenance and replacement of equipment assist in achieving excellence in service, as goal 6 identifies in the Grey County Strategic Plan.

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

The home is required to provide a safe environment for residents; financial liability and injury to residents and staff could result from the use of unsafe equipment. The annual inspection costs to recertify equipment will be part of the Operating Budget.

**1. Department / Function: Lee Manor**

**Details of Project/Study: Home Enhancements**

**2. Total Gross Cost of Proposed Capital Project/Study: \$100,000**

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              |                       | \$100,000 |                 |

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018     | 2019     | 2020     | 2021     | 2022     | Total            |
|--------------|----------|----------|----------|----------|----------|------------------|
| <b>Gross</b> | \$20,000 | \$20,000 | \$20,000 | \$20,000 | \$20,000 | <b>\$100,000</b> |
| <b>Net</b>   | \$15,000 | \$20,000 | \$20,000 | \$20,000 | \$20,000 | <b>\$95,000</b>  |

**3. Estimated Useful Life: 8-10 Years**

**4. Location of Project/Study (if applicable):**

| Facility Name / Address | Municipality       |
|-------------------------|--------------------|
| Lee Manor               | City of Owen Sound |

**5. Need or Benefit(s) of Project (including safety issues):**

There is an ongoing need for upgrading and replacement of furniture, finishings ( for example: artwork, curtains, signage, etc.) and audio/visual equipment in resident lounge and common areas, dining rooms, resident rooms and offices. Normal wear and tear, changing resident needs and ensuring resident and staff safety are key considerations when items are replaced. This addresses the Ministry of Health and Long Term Care regulation ensuring that resident furniture and equipment is in a state of good repair and meet the needs of the resident population.

**6. Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:**

|              | 2017     | 2018     | 2019     | 2020     | 2021     | Total            |
|--------------|----------|----------|----------|----------|----------|------------------|
| <b>Gross</b> | \$20,000 | \$20,000 | \$20,000 | \$20,000 | \$20,000 | <b>\$100,000</b> |
| <b>Net</b>   | \$0      | \$20,000 | \$20,000 | \$20,000 | \$20,000 | <b>\$80,000</b>  |

**7. Consequences/Implications of Not Undertaking Project (including alternatives):**

Potential non-compliance to Ministry of Health and Long Term Care regulations to provide furnishings/equipment for the residents in good condition. Health and safety concerns for staff and the potential for infection control issues.

**8. Identify Sources and Amounts of Funding**

|              | Taxation        | From Reserve -<br>Lee Manor<br>Operations<br>Reserve | From Reserve -<br>Lee Manor<br>Donations |
|--------------|-----------------|------------------------------------------------------|------------------------------------------|
| 2018         | \$15,000        | \$0                                                  | \$5,000                                  |
| 2019         | \$20,000        | \$0                                                  | \$0                                      |
| 2020         | \$20,000        | \$0                                                  | \$0                                      |
| 2021         | \$20,000        | \$0                                                  | \$0                                      |
| 2022         | \$20,000        | \$0                                                  | \$0                                      |
| <b>Total</b> | <b>\$95,000</b> | <b>\$0</b>                                           | <b>\$5,000</b>                           |

**9. Compliance with Council objective/strategic plan (if applicable):**

The upkeep, maintenance and replacement of equipment assist in achieving excellence in service, as goal 6 identifies in the Grey County Strategic Plan.

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

Potential health and safety risk to residents and staff from furnishing that is no longer in good condition.

1. **Department / Function:** **Lee Manor**  
**Details of Project/Study:** **Whirlpool Tubs**

2. **Total Gross Cost of Proposed Capital Project/Study:** \$90,000

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              |                       | \$90,000  |                 |

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018 | 2019 | 2020 | 2021     | 2022     | Total           |
|--------------|------|------|------|----------|----------|-----------------|
| <b>Gross</b> | \$0  | \$0  | \$0  | \$45,000 | \$45,000 | <b>\$90,000</b> |
| <b>Net</b>   | \$0  | \$0  | \$0  | \$45,000 | \$45,000 | <b>\$90,000</b> |

3. **Estimated Useful Life:** 10-12 Years

4. **Location of Project/Study (if applicable):**

| Facility Name / Address | Municipality       |
|-------------------------|--------------------|
| Lee Manor               | City of Owen Sound |

5. **Need or Benefit(s) of Project (including safety issues):**

This is a life cycle replacement of existing equipment. The cost includes installation and a mechanical lift specifically designed for used with the tub.

6. **Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:**

|              | 2017     | 2018 | 2019 | 2020 | 2021     | Total           |
|--------------|----------|------|------|------|----------|-----------------|
| <b>Gross</b> | \$45,000 | \$0  | \$0  | \$0  | \$45,000 | <b>\$90,000</b> |
| <b>Net</b>   | \$0      | \$0  | \$0  | \$0  | \$45,000 | <b>\$45,000</b> |

7. **Consequences/Implications of Not Undertaking Project (including alternatives):**

Failure to replace equipment at the end of its life cycle may result in unpredictable repairs and the inability to meet Ministry of Health and Long Term Care regulations regarding resident bathing. Health and safety risk to residents and staff.

8. **Identify Sources and Amounts of Funding**

|              | Taxation        | From Reserve - Lee Manor Reserve |
|--------------|-----------------|----------------------------------|
| 2018         | \$0             | \$0                              |
| 2019         | \$0             | \$0                              |
| 2020         | \$0             | \$0                              |
| 2021         | \$45,000        | \$0                              |
| 2022         | \$45,000        | \$0                              |
| <b>Total</b> | <b>\$90,000</b> | <b>\$0</b>                       |

**9. Compliance with Council objective/strategic plan (if applicable):**

The upkeep, maintenance and replacement of equipment assist in achieving excellence in service, as goal 6 identifies in the Grey County Strategic Plan.

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

Potential non-compliance to Ministry of Health and Long Term Care and Public Health regulation to ensure equipment is in safe operation condition.

1. Department / Function: **Lee Manor**

Details of Project/Study: **Floor Replacement**

2. Total Gross Cost of Proposed Capital Project/Study: \$75,000

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
| \$75,000     |                       |           |                 |

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018     | 2019     | 2020     | 2021     | 2022     | Total           |
|--------------|----------|----------|----------|----------|----------|-----------------|
| <b>Gross</b> | \$15,000 | \$15,000 | \$15,000 | \$15,000 | \$15,000 | <b>\$75,000</b> |
| <b>Net</b>   | \$15,000 | \$15,000 | \$15,000 | \$15,000 | \$15,000 | <b>\$75,000</b> |

3. Estimated Useful Life: 10 Years

4. Location of Project/Study (if applicable):

| Facility Name / Address | Municipality       |
|-------------------------|--------------------|
| Lee Manor               | City of Owen Sound |

5. Need or Benefit(s) of Project (including safety issues):

The CVT flooring products are reaching the end of useful life cycle in high traffic areas for example: common areas, hallways, nursing stations, resident wash rooms, resident dining rooms, kitchen serveries, tub and shower rooms, offices, etc. throughout the building. As well, areas that have 30 year old square tiles will also be considered as they may pose a safety risk when loose.

6. Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:

|              | 2017     | 2018     | 2019     | 2020     | 2021     | Total           |
|--------------|----------|----------|----------|----------|----------|-----------------|
| <b>Gross</b> | \$15,000 | \$15,000 | \$15,000 | \$15,000 | \$15,000 | <b>\$75,000</b> |
| <b>Net</b>   | \$15,000 | \$15,000 | \$15,000 | \$15,000 | \$15,000 | <b>\$75,000</b> |

7. Consequences/Implications of Not Undertaking Project (including alternatives):

Potential for safety hazard and infection control concerns for residents and staff as a result of flooring seams and edges lifting.

8. Identify Sources and Amounts of Funding

|              | Taxation        |
|--------------|-----------------|
| 2018         | \$15,000        |
| 2019         | \$15,000        |
| 2020         | \$15,000        |
| 2021         | \$15,000        |
| 2022         | \$15,000        |
| <b>Total</b> | <b>\$75,000</b> |

**9. Compliance with Council objective/strategic plan (if applicable):**

The upkeep, maintenance and replacement of equipment assist in achieving excellence in service, as goal 6 identifies in the Grey County Strategic Plan.

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

Safety hazard for residents and staff, potential for non compliance to Ministry of Health and Long Term Care regulations and Public Health standards.

**1. Department / Function: Lee Manor**

**Details of Project/Study: Dietary Equipment**

**2. Total Gross Cost of Proposed Capital Project/Study: \$170,000**

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              |                       | \$170,000 |                 |

As per kitchen assessment completed by Kaizen Foodservices Planning and Design several pieces of kitchen equipment are near the end of their life cycle and will require replacement.

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018     | 2019     | 2020 | 2021     | 2022     | Total            |
|--------------|----------|----------|------|----------|----------|------------------|
| <b>Gross</b> | \$50,000 | \$50,000 | \$0  | \$20,000 | \$50,000 | <b>\$170,000</b> |
| <b>Net</b>   | \$50,000 | \$50,000 | \$0  | \$20,000 | \$50,000 | <b>\$170,000</b> |

**3. Estimated Useful Life: 10 years**

**4. Location of Project/Study (if applicable):**

| Facility Name / Address | Municipality       |
|-------------------------|--------------------|
| Lee Manor               | City of Owen Sound |

**5. Need or Benefit(s) of Project (including safety issues):**

The facility requested an assessment of the kitchen equipment and design in 2016. This was completed by Kaizen Foodservices Planning and Design. Several pieces of equipment were identified near or at the end of their life cycle. Examples of these include: storage shelving, utility racks, warming cabinets, mill work on counters and cabinets, tables, utility carts, compressor for walk-in refrigerator and freezer, stand alone freezers and refrigerators, mixers, robot coupe, steamers, etc. The monies are required to replace these items over the next 5 years.

**6. Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:**

|              | 2017 | 2018 | 2019 | 2020 | 2021 | Total      |
|--------------|------|------|------|------|------|------------|
| <b>Gross</b> | \$0  | \$0  | \$0  | \$0  | \$0  | <b>\$0</b> |
| <b>Net</b>   | \$0  | \$0  | \$0  | \$0  | \$0  | <b>\$0</b> |

**7. Consequences/Implications of Not Undertaking Project (including alternatives):**

Interruption to dietary services. Non-compliance with Ministry of Health and Public Health regulations. Potential health and safety risk to staff.

**8. Identify Sources and Amounts of Funding**

|              | Taxation         |
|--------------|------------------|
| 2018         | \$50,000         |
| 2019         | \$50,000         |
| 2020         | \$0              |
| 2021         | \$20,000         |
| 2022         | \$50,000         |
| <b>Total</b> | <b>\$170,000</b> |

**9. Compliance with Council objective/strategic plan (if applicable):**

The upkeep, maintenance and replacement of equipment assist in achieving excellence in service, as goal 6 identifies in the Grey County Strategic Plan.

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

Non-compliance with regulations. Health and safety risk to staff.

1. **Department / Function:** Lee Manor

**Details of Project/Study:** Hot Water Heat Exchanger and Filter Replacement

2. **Total Gross Cost of Proposed Capital Project/Study:** \$10,000

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
| \$10,000     |                       |           |                 |

Replacement of one of two heat exchangers which pre-heat domestic service potable. The addition of a sediment filter system which will extend the life of the exchangers and other boiler room equipment

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018     | 2019 | 2020 | 2021 | 2022 | Total           |
|--------------|----------|------|------|------|------|-----------------|
| <b>Gross</b> | \$12,000 | \$0  | \$0  | \$0  | \$0  | <b>\$12,000</b> |
| <b>Net</b>   | \$12,000 | \$0  | \$0  | \$0  | \$0  | <b>\$12,000</b> |

3. **Estimated Useful Life:** 8 to 10 years

4. **Location of Project/Study (if applicable):**

| Facility Name / Address     | Municipality       |
|-----------------------------|--------------------|
| Lee Manor 875 6th. St. East | City of Owen Sound |

5. **Need or Benefit(s) of Project (including safety issues):**

Exchangers have proven to be a vital part of the domestic hot water system. Regular life on exchangers vary dependent on supply water condition. Lee Manor has developed a water system that will provide a continuous supply of water to all areas of the home system mechanism in event of equipment breakdowns. By adding a contaminant filtering system this will extend the life of the exchangers

6. **Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:** 2018 cost of 12000

|              | 2017 | 2018 | 2019 | 2020 | 2021 | Total      |
|--------------|------|------|------|------|------|------------|
| <b>Gross</b> | \$0  | \$0  | \$0  | \$0  | \$0  | <b>\$0</b> |
| <b>Net</b>   | \$0  | \$0  | \$0  | \$0  | \$0  | <b>\$0</b> |

7. **Consequences/Implications of Not Undertaking Project (including alternatives):**

Equipment breakdown would effect the entire operation of Resident care and equipment users. By staggering the installations of 1 of 2 exchanger. this will allow the facility to operate normally during scheduled replacements

8. **Identify Sources and Amounts of Funding**

|              | Taxation - Lee Manor |
|--------------|----------------------|
| 2018         | \$12,000             |
| 2019         | \$0                  |
| 2020         | \$0                  |
| 2021         | \$0                  |
| 2022         | \$0                  |
| <b>Total</b> | <b>\$12,000</b>      |

**9. Compliance with Council objective/strategic plan (if applicable):**

The upkeep, maintenance and replacement of equipment assist in achieving excellence in service, as goal 6 identifies in the Grey County Strategic Plan.

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

Impact to resident care by interruption to all services requiring hot water.

1. **Department / Function:** Lee Manor

**Details of Project/Study:** **Relocation of Four-inch Main Sprinkler Pipe**

2. **Total Gross Cost of Proposed Capital Project/Study:** \$20,000

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
| \$18,000     | \$2,000               |           |                 |

Relocation of a four-inch fire sprinkler pipe.

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018     | 2019 | 2020 | 2021 | 2022 | Total           |
|--------------|----------|------|------|------|------|-----------------|
| <b>Gross</b> | \$20,000 | \$0  | \$0  | \$0  | \$0  | <b>\$20,000</b> |
| <b>Net</b>   | \$20,000 | \$0  | \$0  | \$0  | \$0  | <b>\$20,000</b> |

3. **Estimated Useful Life:** 40 years

4. **Location of Project/Study (if applicable):**

| Facility Name / Address | Municipality       |
|-------------------------|--------------------|
| Lee Manor               | City of Owen Sound |

5. **Need or Benefit(s) of Project (including safety issues):**

The four inch sprinkler pipe is located in a service duct bank that runs from the old main building to the new addition. Investigation by two fire protection companies has determined that there is a slight leak in the system. Pressure is maintain by a pressure makeup jockey pump. It is believed that during extreme cold winter days an 'O' ring has torn or position altered thus allowing this minimal flow of water. There is no immediate danger to the full operation of the sprinkler system as run time of the pump has not increased over the last several months. The pipe will be relocated within the building to eliminate the threat of failure. Engineered prints and package have been developed for the proposed tendered project, Consultant required to ensure all Code requirement are met.

6. **Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:**

|              | 2017 | 2018 | 2019 | 2020 | 2021 | Total      |
|--------------|------|------|------|------|------|------------|
| <b>Gross</b> | \$0  | \$0  | \$0  | \$0  | \$0  | <b>\$0</b> |
| <b>Net</b>   | \$0  | \$0  | \$0  | \$0  | \$0  | <b>\$0</b> |

7. **Consequences/Implications of Not Undertaking Project (including alternatives):**

Failure of sprinkler pipe could result in facility damage and loss of fire protection

8. **Identify Sources and Amounts of Funding**

|              | Taxation        |
|--------------|-----------------|
| 2018         | \$20,000        |
| 2019         | \$0             |
| 2020         | \$0             |
| 2021         | \$0             |
| 2022         | \$0             |
| <b>Total</b> | <b>\$20,000</b> |

**9. Compliance with Council objective/strategic plan (if applicable):**

The upkeep, maintenance and replacement of equipment assist in achieving excellence in service, as goal 6 identifies in the Grey County Strategic Plan.

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

**1. Department / Function: Lee Manor**

**Details of Project/Study: Sanitary Waste Removal System**

**2. Total Gross Cost of Proposed Capital Project/Study: \$29,000**

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
| \$29,000     |                       |           |                 |

As per Building Condition Assessment completed in 2011 by The Stonewell Group Inc and Byrne Engineering Inc.

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018     | 2019 | 2020 | 2021 | 2022     | Total           |
|--------------|----------|------|------|------|----------|-----------------|
| <b>Gross</b> | \$11,500 | \$0  | \$0  | \$0  | \$17,500 | <b>\$29,000</b> |
| <b>Net</b>   | \$11,500 | \$0  | \$0  | \$0  | \$17,500 | <b>\$29,000</b> |

**3. Estimated Useful Life: 15 years**

**4. Location of Project/Study (if applicable):**

| Facility Name / Address | Municipality       |
|-------------------------|--------------------|
| Lee Manor               | City of Owen Sound |

**5. Need or Benefit(s) of Project (including safety issues):**

Sanitary waste removal system consists of two pumps working alternatively. The pumps control the water from 1st floor, the basement, roof and all service water pumping it to the Municipal sewer system. Two additional pumps are considered back-up in the event of system failure. The building assessment recommends power flushing the drains every two years and minor repairs to the pumps as required.

**6. Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:**

|              | 2017 | 2018     | 2019 | 2020 | 2021 | Total           |
|--------------|------|----------|------|------|------|-----------------|
| <b>Gross</b> | \$0  | \$11,500 | \$0  | \$0  | \$0  | <b>\$11,500</b> |
| <b>Net</b>   | \$0  | \$11,500 | \$0  | \$0  | \$0  | <b>\$11,500</b> |

**7. Consequences/Implications of Not Undertaking Project (including alternatives):**

Flooding of exterior surfaces as well as damage to the interior of the building

**8. Identify Sources and Amounts of Funding**

|              | Taxation        |
|--------------|-----------------|
| 2018         | \$11,500        |
| 2019         | \$0             |
| 2020         | \$0             |
| 2021         | \$0             |
| 2022         | \$17,500        |
| <b>Total</b> | <b>\$29,000</b> |

**9. Compliance with Council objective/strategic plan (if applicable):**

The upkeep, maintenance and replacement of equipment assist in achieving excellence in service, as goal 6 identifies in the Grey County Strategic Plan.

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

Potential for system failure affecting the operations of the facility.

**1. Department / Function: Lee Manor**

**Details of Project/Study: Asbestos Removal**

**2. Total Gross Cost of Proposed Capital Project/Study: \$60,000**

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
| \$55,000     | \$5,000               |           |                 |

Removal of asbestos containing materials from selected basement areas.

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018     | 2019     | 2020 | 2021 | 2022 | Total           |
|--------------|----------|----------|------|------|------|-----------------|
| <b>Gross</b> | \$30,000 | \$30,000 | \$0  | \$0  | \$0  | <b>\$60,000</b> |
| <b>Net</b>   | \$30,000 | \$30,000 | \$0  | \$0  | \$0  | <b>\$60,000</b> |

**3. Estimated Useful Life: NR**

**4. Location of Project/Study (if applicable):**

| Facility Name / Address | Municipality       |
|-------------------------|--------------------|
| Lee Manor               | City of Owen Sound |

**5. Need or Benefit(s) of Project (including safety issues):**

Removal of asbestos containing materials from the basement areas as required by the Ministry of Labour (MOL) following audit completed by the MOL in 2016. The facility was required to put together a plan to create an asbestos free environment over a period of time. Consultant is required as per MOL regulations related to air monitor during the project.

**6. Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:**

|              | 2017 | 2018 | 2019 | 2020 | 2021 | Total      |
|--------------|------|------|------|------|------|------------|
| <b>Gross</b> | \$0  | \$0  | \$0  | \$0  | \$0  | <b>\$0</b> |
| <b>Net</b>   | \$0  | \$0  | \$0  | \$0  | \$0  | <b>\$0</b> |

**7. Consequences/Implications of Not Undertaking Project (including alternatives):**

Subject to fines and closure of contaminated areas

**8. Identify Sources and Amounts of Funding**

|              | Taxation        |
|--------------|-----------------|
| 2018         | \$30,000        |
| 2019         | \$30,000        |
| 2020         | \$0             |
| 2021         | \$0             |
| 2022         | \$0             |
| <b>Total</b> | <b>\$60,000</b> |

**9. Compliance with Council objective/strategic plan (if applicable):**

The upkeep, maintenance and replacement of equipment assist in achieving excellence in service, as goal 6 identifies in the Grey County Strategic Plan.

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

Compliance with MOL Asbestos regulations

**1. Department / Function: Lee Manor**

**Details of Project/Study: Caulking/ Sealant**

**2. Total Gross Cost of Proposed Capital Project/Study: \$55,000**

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
| \$55,000     |                       |           |                 |

As per Building Condition Assessment completed in 2011 by The Stonewell Group Inc and Byrne Engineering Inc.

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018 | 2019     | 2020 | 2021 | 2022 | Total           |
|--------------|------|----------|------|------|------|-----------------|
| <b>Gross</b> | \$0  | \$55,000 | \$0  | \$0  | \$0  | <b>\$55,000</b> |
| <b>Net</b>   | \$0  | \$0      | \$0  | \$0  | \$0  | <b>\$0</b>      |

**3. Estimated Useful Life: 10 years**

**4. Location of Project/Study (if applicable):**

| Facility Name / Address | Municipality       |
|-------------------------|--------------------|
| Lee Manor               | City of Owen Sound |

**5. Need or Benefit(s) of Project (including safety issues):**

As per building assessment it is recommended to replace caulking around windows and doors in 2019.

**6. Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:**

|              | 2017 | 2018 | 2019     | 2020 | 2021 | Total           |
|--------------|------|------|----------|------|------|-----------------|
| <b>Gross</b> | \$0  | \$0  | \$55,000 | \$0  | \$0  | <b>\$55,000</b> |
| <b>Net</b>   | \$0  | \$0  | \$55,000 | \$0  | \$0  | <b>\$55,000</b> |

**7. Consequences/Implications of Not Undertaking Project (including alternatives):**

Potential for water and exterior elements to enter the building.

**8. Identify Sources and Amounts of Funding**

|              | From Reserve -<br>Lee Manor<br>Reserve |
|--------------|----------------------------------------|
| 2018         | \$0                                    |
| 2019         | \$55,000                               |
| 2020         | \$0                                    |
| 2021         | \$0                                    |
| 2022         | \$0                                    |
| <b>Total</b> | <b>\$55,000</b>                        |

**9. Compliance with Council objective/strategic plan (if applicable):**

The upkeep, maintenance and replacement of equipment assist in achieving excellence in service, as goal 6 identifies in the Grey County Strategic Plan.

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

Health and safety risk to residents and staff.

**1. Department / Function: Lee Manor**

**Details of Project/Study: Front Parking Lot Resurfacing and Catch Basin Replacement**

**2. Total Gross Cost of Proposed Capital Project/Study: \$72,500**

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
| \$70,000     | \$2,500               |           |                 |

Resurfacing of front parking lot and replacement of catch basin.

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018 | 2019     | 2020 | 2021 | 2022 | Total           |
|--------------|------|----------|------|------|------|-----------------|
| <b>Gross</b> | \$0  | \$72,500 | \$0  | \$0  | \$0  | <b>\$72,500</b> |
| <b>Net</b>   | \$0  | \$18,182 | \$0  | \$0  | \$0  | <b>\$18,182</b> |

**3. Estimated Useful Life: 15 years**

**4. Location of Project/Study (if applicable):**

| Facility Name / Address           | Municipality       |
|-----------------------------------|--------------------|
| Lee Manor LTC / 875 6th. St. East | City of Owen Sound |

**5. Need or Benefit(s) of Project (including safety issues):**

Areas of the front parking lot have deteriorated over the life span of the single layered surface. Voids in surface place residents, the public and staff at risk. Catch basin tops are starting to crumble related to the seasonal changes in climate.

**6. Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:**

|              | 2017 | 2018 | 2019     | 2020 | 2021 | Total           |
|--------------|------|------|----------|------|------|-----------------|
| <b>Gross</b> | \$0  | \$0  | \$72,500 | \$0  | \$0  | <b>\$72,500</b> |
| <b>Net</b>   | \$0  | \$0  | \$18,182 | \$0  | \$0  | <b>\$18,182</b> |

**7. Consequences/Implications of Not Undertaking Project (including alternatives):**

Potential health and safety risk to residents, the public and staff.

**8. Identify Sources and Amounts of Funding**

|              | Taxation        | From Reserve - Lee Manor Reserve |
|--------------|-----------------|----------------------------------|
| 2018         | \$0             | \$0                              |
| 2019         | \$18,182        | \$54,318                         |
| 2020         | \$0             | \$0                              |
| 2021         | \$0             | \$0                              |
| 2022         | \$0             | \$0                              |
| <b>Total</b> | <b>\$18,182</b> | <b>\$54,318</b>                  |

**9. Compliance with Council objective/strategic plan (if applicable):**

The upkeep, maintenance and replacement of equipment assist in achieving excellence in service, as goal 6 identifies in the Grey County Strategic Plan.

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

Potential for injury to residents, the public and staff.

**1. Department / Function: Lee Manor**

**Details of Project/Study: Replacement of Refrigerators in Dining Room Serveries**

**2. Total Gross Cost of Proposed Capital Project/Study: \$20,000**

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              |                       | \$20,000  |                 |

Replacement of refrigerators located in each resident home area, dinning room server.

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018 | 2019     | 2020 | 2021 | 2022 | Total           |
|--------------|------|----------|------|------|------|-----------------|
| <b>Gross</b> | \$0  | \$20,000 | \$0  | \$0  | \$0  | <b>\$20,000</b> |
| <b>Net</b>   | \$0  | \$20,000 | \$0  | \$0  | \$0  | <b>\$20,000</b> |

**3. Estimated Useful Life: 15 years**

**4. Location of Project/Study (if applicable):**

| Facility Name / Address | Municipality       |
|-------------------------|--------------------|
| Lee Manor               | City of Owen Sound |

**5. Need or Benefit(s) of Project (including safety issues):**

The capital funds will be used to replace the existing five refrigerators that will be at the end of their useful life and to eliminate costly repairs. The fridges are used to maintain cold food and beverages at a safe temperature and are located in dinning room serveries in all five resident home areas.

**6. Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:**

|              | 2017 | 2018 | 2019     | 2020 | 2021 | Total           |
|--------------|------|------|----------|------|------|-----------------|
| <b>Gross</b> | \$0  | \$0  | \$20,000 | \$0  | \$0  | <b>\$20,000</b> |
| <b>Net</b>   | \$0  | \$0  | \$20,000 | \$0  | \$0  | <b>\$20,000</b> |

**7. Consequences/Implications of Not Undertaking Project (including alternatives):**

Potential non-compliance to Public Health regulations for safe storage and handling of food.

**8. Identify Sources and Amounts of Funding**

|              | Taxation        |
|--------------|-----------------|
| 2018         | \$0             |
| 2019         | \$20,000        |
| 2020         | \$0             |
| 2021         | \$0             |
| 2022         | \$0             |
| <b>Total</b> | <b>\$20,000</b> |

**9. Compliance with Council objective/strategic plan (if applicable):**

The upkeep, maintenance and replacement of equipment assist in achieving excellence in service, as goal 6 identifies in the Grey County Strategic Plan.

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

Potential health risk to Residents

**1. Department / Function: Lee Manor**

**Details of Project/Study: Driveway and Sidewalk Repair**

**2. Total Gross Cost of Proposed Capital Project/Study: \$12,000**

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
| \$12,000     |                       |           |                 |

As per Building Condition Assessment completed in 2011 by the Stonewell Group Inc. and Byrne Engineering Inc.

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018 | 2019 | 2020     | 2021 | 2022 | Total           |
|--------------|------|------|----------|------|------|-----------------|
| <b>Gross</b> | \$0  | \$0  | \$12,000 | \$0  | \$0  | <b>\$12,000</b> |
| <b>Net</b>   | \$0  | \$0  | \$12,000 | \$0  | \$0  | <b>\$12,000</b> |

**3. Estimated Useful Life: 5 years**

**4. Location of Project/Study (if applicable):**

| Facility Name / Address | Municipality       |
|-------------------------|--------------------|
| Lee Manor               | City of Owen Sound |

**5. Need or Benefit(s) of Project (including safety issues):**

The Building Condition Assessment recommends repair work to the concrete sidewalk and curbs. As well as, minor repairs to driveway and parking lot, as required, to ensure life expectancy.

**6. Scheduling and Cost of Project/Study in 2017-2021 Capital Plan: 2014 Project carried forward**

|              | 2017 | 2018 | 2019 | 2020     | 2021 | Total           |
|--------------|------|------|------|----------|------|-----------------|
| <b>Gross</b> | \$0  | \$0  | \$0  | \$12,000 | \$0  | <b>\$12,000</b> |
| <b>Net</b>   | \$0  | \$0  | \$0  | \$12,000 | \$0  | <b>\$12,000</b> |

**7. Consequences/Implications of Not Undertaking Project (including alternatives):**

Damage of asphalt and concrete sidewalk, potential health and safety risk to residents, staff and visitors

**8. Identify Sources and Amounts of Funding**

|              | Taxation        |
|--------------|-----------------|
| 2018         | \$0             |
| 2019         | \$0             |
| 2020         | \$12,000        |
| 2021         | \$0             |
| 2022         | \$0             |
| <b>Total</b> | <b>\$12,000</b> |

**9. Compliance with Council objective/strategic plan (if applicable):**

The upkeep, maintenance and replacement of equipment assist in achieving excellence in service, as goal 6 identifies in the Grey County Strategic Plan.

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

To prevent failure of asphalt as a result of water getting underneath and softening and sub base. Replacement of concrete sidewalk. Health and Safety risk to residents, staff and visitors.

**1. Department / Function: Lee Manor**

**Details of Project/Study: Replacement of Fire Alarm System**

**2. Total Gross Cost of Proposed Capital Project/Study: \$196,000**

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              |                       | \$196,000 |                 |

As per Building Condition Assessment completed in 2011 by The Stonewell Group Inc and Byrne Engineering Inc.

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018 | 2019 | 2020 | 2021      | 2022 | Total            |
|--------------|------|------|------|-----------|------|------------------|
| <b>Gross</b> | \$0  | \$0  | \$0  | \$196,000 | \$0  | <b>\$196,000</b> |
| <b>Net</b>   | \$0  | \$0  | \$0  | \$54,926  | \$0  | <b>\$54,926</b>  |

**3. Estimated Useful Life: 12 years**

**4. Location of Project/Study (if applicable):**

| Facility Name / Address | Municipality       |
|-------------------------|--------------------|
| Lee Manor               | City of Owen Sound |

**5. Need or Benefit(s) of Project (including safety issues):**

End of life cycle replacement of fire alarm system including: ceiling mounted heat and smoke detectors that are installed in all occupied and selected areas and in all air handling ductwork. There are 192 smoke detectors and 133 heat detectors. As well as, the replacement of fire system pull stations, horns and strobes. The replacement of the system will allow the facility to remain current with new technology for example, integration with the Nurse Call System and the Fire Code.

**6. Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:**

|              | 2017 | 2018     | 2019 | 2020 | 2021 | Total           |
|--------------|------|----------|------|------|------|-----------------|
| <b>Gross</b> | \$0  | \$95,000 | \$0  | \$0  | \$0  | <b>\$95,000</b> |
| <b>Net</b>   | \$0  | \$90,000 | \$0  | \$0  | \$0  | <b>\$90,000</b> |

**7. Consequences/Implications of Not Undertaking Project (including alternatives):**

Health and safety risk to residents and staff. Non-compliance with MOHLTC regulations and Fire Code.

**8. Identify Sources and Amounts of Funding**

|              | Taxation        | From Reserve - Lee Manor Reserve |
|--------------|-----------------|----------------------------------|
| 2018         | \$0             | \$0                              |
| 2019         | \$0             | \$0                              |
| 2020         | \$0             | \$0                              |
| 2021         | \$54,926        | \$141,074                        |
| 2022         | \$0             | \$0                              |
| <b>Total</b> | <b>\$54,926</b> | <b>\$141,074</b>                 |

**9. Compliance with Council objective/strategic plan (if applicable):**

The upkeep, maintenance and replacement of equipment assist in achieving excellence in service, as goal 6 identifies in the Grey County Strategic Plan.

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

**1. Department / Function: Lee Manor**

**Details of Project/Study: Elevator Code/Vandalism and Oil Cooler Replacement**

**2. Total Gross Cost of Proposed Capital Project/Study: \$40,000**

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
| \$37,000     | \$3,000               |           |                 |

As per Building Condition Assessment completed in 2011 by The Stonewell Group Inc and Byrne Engineering Inc.

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018 | 2019 | 2020 | 2021     | 2022 | Total           |
|--------------|------|------|------|----------|------|-----------------|
| <b>Gross</b> | \$0  | \$0  | \$0  | \$40,000 | \$0  | <b>\$40,000</b> |
| <b>Net</b>   | \$0  | \$0  | \$0  | \$0      | \$0  | <b>\$0</b>      |

**3. Estimated Useful Life: 20 years**

**4. Location of Project/Study (if applicable):**

| Facility Name / Address           | Municipality       |
|-----------------------------------|--------------------|
| Lee Manor LTC / 875 6th. St. East | City of Owen Sound |

**5. Need or Benefit(s) of Project (including safety issues):**

Oil coolers are at the end of life cycle. Failure to keep hydraulic fluids at normal operating temperatures can result in elevator failures. Budget to address TSSA code changes and possible vandalism of elevator cabs.

**6. Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:**

|              | 2017 | 2018 | 2019 | 2020 | 2021     | Total           |
|--------------|------|------|------|------|----------|-----------------|
| <b>Gross</b> | \$0  | \$0  | \$0  | \$0  | \$39,570 | <b>\$39,570</b> |
| <b>Net</b>   | \$0  | \$0  | \$0  | \$0  | \$0      | <b>\$0</b>      |

**7. Consequences/Implications of Not Undertaking Project (including alternatives):**

Failure to keep hydraulic fluids at normal operating temperatures can result in elevator failures.

**8. Identify Sources and Amounts of Funding**

|              | From Reserve -<br>Lee Manor<br>Reserve |
|--------------|----------------------------------------|
| 2018         | \$0                                    |
| 2019         | \$0                                    |
| 2020         | \$0                                    |
| 2021         | \$40,000                               |
| 2022         | \$0                                    |
| <b>Total</b> | <b>\$40,000</b>                        |

**9. Compliance with Council objective/strategic plan (if applicable):**

The upkeep, maintenance and replacement of equipment assist in achieving excellence in service, as goal 6 identifies in the Grey County Strategic Plan.

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

Health and safety risk to residents, staff and general public. Potential violation of TSSA standards.

1. **Department / Function:** Lee Manor

**Details of Project/Study:** Transfer To Reserve (BCA) Capital  
Asset Repairs & Replacement

2. **Total Gross Cost of Proposed Capital Project/Study:** \$189,878

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              |                       |           | \$189,878       |

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018 | 2019 | 2020      | 2021 | 2022 | Total            |
|--------------|------|------|-----------|------|------|------------------|
| <b>Gross</b> | \$0  | \$0  | \$101,452 | \$0  | \$0  | <b>\$101,452</b> |
| <b>Net</b>   | \$0  | \$0  | \$101,452 | \$0  | \$0  | <b>\$101,452</b> |

3. **Estimated Useful Life:** Ongoing for the life of the building

4. **Location of Project/Study (if applicable):**

| Facility Name / Address         | Municipality       |
|---------------------------------|--------------------|
| 875 6th Street East, Owen Sound | City of Owen Sound |

5. **Need or Benefit(s) of Project (including safety issues):**

All buildings soon show signs of wear and aging, and it is important to plan for future funding of capital repairs and replacements. As recommended in the 2011 Building Condition Assessment Study, sufficient annual contributions need to be made to reserve in order to ensure adequate funds are available for the replacement of building and equipment components, when required in the future.

6. **Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:**

|              | 2017 | 2018 | 2019 | 2020      | 2021     | Total            |
|--------------|------|------|------|-----------|----------|------------------|
| <b>Gross</b> | \$0  | \$0  | \$0  | \$106,452 | \$79,926 | <b>\$186,378</b> |
| <b>Net</b>   | \$0  | \$0  | \$0  | \$106,452 | \$79,926 | <b>\$186,378</b> |

7. **Consequences/Implications of Not Undertaking Project (including alternatives):**

Mechanical and structural failures to major components of the building and by not having sufficient funds being set aside it may have a serious impact on budgets.

8. **Identify Sources and Amounts of Funding**

|              | To Reserve -<br>Lee Manor<br>Reserve |
|--------------|--------------------------------------|
| 2018         | \$0                                  |
| 2019         | \$0                                  |
| 2020         | \$101,452                            |
| 2021         | \$0                                  |
| 2022         | \$0                                  |
| <b>Total</b> | <b>\$101,452</b>                     |

**9. Compliance with Council objective/strategic plan (if applicable):**

1.6 Accelerate the commitment to lifecycle planning for long term investment in county owned capital assets.

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

The potential for loss of operations, loss of revenue, ministry enforcement, and poor marketability

**SUMMARY OF FIVE YEAR CAPITAL &  
EXTRA-ORDINARY EXPENDITURES  
Rockwood Terrace**

| PROJECT                                            | 2017<br>Approved<br>Budget | 2018-2022 Five Year Capital & Extra-Ordinary Expenditures |      |      |      |      |           |
|----------------------------------------------------|----------------------------|-----------------------------------------------------------|------|------|------|------|-----------|
|                                                    |                            | 2018                                                      | 2019 | 2020 | 2021 | 2022 | TOTAL     |
| <b>Building Pumps</b>                              | 10,200                     | 10,200                                                    |      |      |      |      | 10,200    |
| From Reserve - Rockwood Terrace Reserve            | (10,200)                   | (10,200)                                                  |      |      |      |      | (10,200)  |
| <b>Key Pad Entry</b>                               | 25,250                     | 25,250                                                    |      |      |      |      | 25,250    |
| From Reserve - Rockwood Terrace Reserve            | (25,250)                   | (25,250)                                                  |      |      |      |      | (25,250)  |
| <b>Vinyl Flooring Replacement</b>                  | 453,300                    | 444,800                                                   |      |      |      |      | 444,800   |
| From Reserve - Rockwood Terrace Reserve            | (453,300)                  | (444,800)                                                 |      |      |      |      | (444,800) |
| <b>Interior Doors and Suite Door Power Assists</b> | 178,700                    | 98,500                                                    |      |      |      |      | 98,500    |
| From Reserve - Rockwood Terrace Reserve            | (178,700)                  | (98,500)                                                  |      |      |      |      | (98,500)  |
| <b>Replacement of Plumbing Fixtures</b>            | 219,000                    | 219,000                                                   |      |      |      |      | 219,000   |
| From Reserve - Rockwood Terrace Reserve            | (219,000)                  | (219,000)                                                 |      |      |      |      | (219,000) |
| <b>Mechanical Systems</b>                          | 163,300                    | 163,300                                                   |      |      |      |      | 163,300   |
| From Reserve - Rockwood Terrace Reserve            | (163,300)                  | (163,300)                                                 |      |      |      |      | (163,300) |
| <b>Domestic Water Supply and Distribution</b>      | 216,200                    | 216,200                                                   |      |      |      |      | 216,200   |
| From Reserve - Rockwood Terrace Reserve            | (216,200)                  | (216,200)                                                 |      |      |      |      | (216,200) |
| <b>Make-up Air Units (Penthouse)</b>               | 35,500                     | 35,500                                                    |      |      |      |      | 35,500    |
| From Reserve - Rockwood Reserve                    | (35,500)                   | (35,500)                                                  |      |      |      |      | (35,500)  |
| <b>Exterior Lighting</b>                           | 19,800                     | 19,800                                                    |      |      |      |      | 19,800    |
| From Reserve - Rockwood Terrace Reserve            | (19,800)                   | (19,800)                                                  |      |      |      |      | (19,800)  |
| <b>Interior Lighting</b>                           | 24,600                     | 24,600                                                    |      |      |      |      | 24,600    |
| From Reserve - Rockwood Terrace Reserve            | (24,600)                   | (24,600)                                                  |      |      |      |      | (24,600)  |
| <b>Window Replacement</b>                          | 182,500                    | 302,500                                                   |      |      |      |      | 302,500   |

| PROJECT                                   | 2017<br>Approved<br>Budget | 2018-2022 Five Year Capital & Extra-Ordinary Expenditures |          |        |          |        |           |
|-------------------------------------------|----------------------------|-----------------------------------------------------------|----------|--------|----------|--------|-----------|
|                                           |                            | 2018                                                      | 2019     | 2020   | 2021     | 2022   | TOTAL     |
| From Reserve - Rockwood Terrace Reserve   | (82,500)                   | (182,500)                                                 |          |        |          |        | (182,500) |
| <b>Resident Lifts</b>                     | 40,500                     | 40,750                                                    | 57,000   | 16,250 | 16,500   | 16,750 | 147,250   |
| <b>Information Technology</b>             | 36,640                     | 20,000                                                    | 40,000   | 15,000 | 15,000   | 22,000 | 112,000   |
| <b>High-Low Beds/Mattresses</b>           | 21,000                     | 21,500                                                    | 22,000   | 22,500 | 23,000   | 23,500 | 112,500   |
| <b>Handrail Replacement</b>               |                            | 45,000                                                    |          |        |          |        | 45,000    |
| <b>Painting of Common Areas</b>           |                            | 25,200                                                    |          |        |          |        | 25,200    |
| <b>Security System</b>                    |                            | 20,000                                                    |          |        |          |        | 20,000    |
| From Reserve - Rockwood Terrace Reserve   |                            | (20,000)                                                  |          |        |          |        | (20,000)  |
| <b>Whirlpool Tubs</b>                     |                            | 40,000                                                    | 42,500   | 45,000 |          | 45,000 | 172,500   |
| <b>Home Enhancements</b>                  | 30,000                     |                                                           | 10,000   |        |          |        | 10,000    |
| From Reserve - Rockwood Donation Reserve  | (20,000)                   |                                                           | (10,000) |        |          |        | (10,000)  |
| <b>Dryer</b>                              |                            |                                                           |          | 8,600  |          |        | 8,600     |
| <b>Electrical Systems</b>                 |                            |                                                           |          | 13,500 |          |        | 13,500    |
| <b>Sprinkler Installation-First Floor</b> |                            |                                                           |          |        | 92,000   |        | 92,000    |
| From Reserve - Rockwood Terrace Reserve   |                            |                                                           |          |        | (92,000) |        | (92,000)  |
| <b>Balcony Upgrades</b>                   | 33,000                     |                                                           |          |        | 26,200   |        | 26,200    |
| From Reserve - Rockwood Terrace Reserve   | (33,000)                   |                                                           |          |        | (26,200) |        | (26,200)  |
| <b>Replacement of Fire Pumps</b>          |                            |                                                           |          |        | 54,855   |        | 54,855    |
| <b>Exterior Door Replacement</b>          | 15,100                     |                                                           |          |        |          |        |           |
| From Reserve - Rockwood Terrace Reserve   | (15,100)                   |                                                           |          |        |          |        |           |
| <b>Radiator Valve Replacement</b>         | 60,000                     |                                                           |          |        |          |        |           |
| <b>Ration Cook Centre</b>                 | 25,000                     |                                                           |          |        |          |        |           |
| <b>Replacement of Chain Link Fence</b>    | 9,200                      |                                                           |          |        |          |        |           |
| From Reserve - Rockwood Terrace Reserve   | (9,200)                    |                                                           |          |        |          |        |           |

| PROJECT                                                                                                      | 2017<br>Approved<br>Budget | 2018-2022 Five Year Capital & Extra-Ordinary Expenditures |                |                |                |                |                  |
|--------------------------------------------------------------------------------------------------------------|----------------------------|-----------------------------------------------------------|----------------|----------------|----------------|----------------|------------------|
|                                                                                                              |                            | 2018                                                      | 2019           | 2020           | 2021           | 2022           | TOTAL            |
| Transfer To Reserve (BCA) Capital<br>Asset Repairs & Replacement<br>To Reserve - Rockwood Terrace<br>Reserve | 17,549                     | 7,559                                                     | 168,110        | 218,648        | 240,328        | 252,923        | 887,568          |
| <b>NET LEVY REQUIREMENTS</b>                                                                                 | <b>310,689</b>             | <b>320,009</b>                                            | <b>329,610</b> | <b>339,498</b> | <b>349,683</b> | <b>360,173</b> | <b>1,698,973</b> |

1. **Department / Function:** **Rockwood Terrace**  
**Details of Project/Study:** **Building Pumps**

2. **Total Gross Cost of Proposed Capital Project/Study:** \$10,200

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              | \$10,200              |           |                 |

This project was in the 2017 budget, at a cost of \$10,200. The work will not be undertaken in 2017, and will be carried forward for urgent building pump issues only pending redevelopment.

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018     | 2019 | 2020 | 2021 | 2022 | Total           |
|--------------|----------|------|------|------|------|-----------------|
| <b>Gross</b> | \$10,200 | \$0  | \$0  | \$0  | \$0  | <b>\$10,200</b> |
| <b>Net</b>   | \$0      | \$0  | \$0  | \$0  | \$0  | <b>\$0</b>      |

3. **Estimated Useful Life:** 15 years

4. **Location of Project/Study (if applicable):**

| Facility Name / Address | Municipality              |
|-------------------------|---------------------------|
| Rockwood Terrace        | Municipality of West Grey |

5. **Need or Benefit(s) of Project (including safety issues):**

These pumps (2) are used to circulate hot water to the in suite radiators. They have exceeded their life expectancy and these funds will be used to replace the pumps when necessary.

6. **Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:**

|              | 2017     | 2018 | 2019 | 2020 | 2021 | Total           |
|--------------|----------|------|------|------|------|-----------------|
| <b>Gross</b> | \$10,200 | \$0  | \$0  | \$0  | \$0  | <b>\$10,200</b> |
| <b>Net</b>   | \$0      | \$0  | \$0  | \$0  | \$0  | <b>\$0</b>      |

7. **Consequences/Implications of Not Undertaking Project (including alternatives):**  
End of useful life.

8. **Identify Sources and Amounts of Funding**

|              | From Reserve -<br>Rockwood<br>Terrace Reserve |
|--------------|-----------------------------------------------|
| 2018         | \$10,200                                      |
| 2019         | \$0                                           |
| 2020         | \$0                                           |
| 2021         | \$0                                           |
| 2022         | \$0                                           |
| <b>Total</b> | <b>\$10,200</b>                               |

**9. Compliance with Council objective/strategic plan (if applicable):**

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

1. **Department / Function:** **Rockwood Terrace**  
**Details of Project/Study:** **Key Pad Entry**

2. **Total Gross Cost of Proposed Capital Project/Study:** \$25,250

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              |                       | \$25,250  |                 |

This project was in the 2017 budget, at a cost of \$25,250. The work will not be undertaken in 2017, and will be carried forward for urgent key pad issues only pending redevelopment.

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018     | 2019 | 2020 | 2021 | 2022 | Total           |
|--------------|----------|------|------|------|------|-----------------|
| <b>Gross</b> | \$25,250 | \$0  | \$0  | \$0  | \$0  | <b>\$25,250</b> |
| <b>Net</b>   | \$0      | \$0  | \$0  | \$0  | \$0  | <b>\$0</b>      |

3. **Estimated Useful Life:** 20 years

4. **Location of Project/Study (if applicable):**

| Facility Name / Address | Municipality              |
|-------------------------|---------------------------|
| Rockwood Terrace        | Municipality of West Grey |

5. **Need or Benefit(s) of Project (including safety issues):**

Currently there are key pad entry systems at the front and side doors, and the staff entry at the rear of the building. The systems are original to the construction of the building, and have exceeded the life expectancy.

6. **Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:** 2014 Project carried forward

|              | 2017     | 2018 | 2019 | 2020 | 2021 | Total           |
|--------------|----------|------|------|------|------|-----------------|
| <b>Gross</b> | \$25,250 | \$0  | \$0  | \$0  | \$0  | <b>\$25,250</b> |
| <b>Net</b>   | \$0      | \$0  | \$0  | \$0  | \$0  | <b>\$0</b>      |

7. **Consequences/Implications of Not Undertaking Project (including alternatives):**  
Doors not opening or releasing when code is entered

8. **Identify Sources and Amounts of Funding**

|              | From Reserve -<br>Rockwood<br>Terrace Reserve |
|--------------|-----------------------------------------------|
| 2018         | \$25,250                                      |
| 2019         | \$0                                           |
| 2020         | \$0                                           |
| 2021         | \$0                                           |
| 2022         | \$0                                           |
| <b>Total</b> | <b>\$25,250</b>                               |

**9. Compliance with Council objective/strategic plan (if applicable):**

Capital investment complies with Goal 1 - Expanding the prosperity base.

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

**1. Department / Function: Rockwood Terrace**

**Details of Project/Study: Vinyl Flooring Replacement**

**2. Total Gross Cost of Proposed Capital Project/Study: \$444,800**

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              | \$444,800             |           |                 |

This project was in the 2017 budget, at a cost of \$453,300. About \$8,500. of this will be spent in 2017. The remainder will be carried forward for urgent flooring issues only pending redevelopment.

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018      | 2019 | 2020 | 2021 | 2022 | Total            |
|--------------|-----------|------|------|------|------|------------------|
| <b>Gross</b> | \$444,800 | \$0  | \$0  | \$0  | \$0  | <b>\$444,800</b> |
| <b>Net</b>   | \$0       | \$0  | \$0  | \$0  | \$0  | <b>\$0</b>       |

**3. Estimated Useful Life: 30 years**

**4. Location of Project/Study (if applicable):**

| Facility Name / Address | Municipality              |
|-------------------------|---------------------------|
| Rockwood Terrace        | Municipality of West Grey |

**5. Need or Benefit(s) of Project (including safety issues):**

Currently, hallways, resident rooms and dining rooms are vinyl tile. Provisions would be made to start replacing these tiled areas which are starting to crack and show signs of wear. Some of these tiles contain asbestos. Failure to complete could result in a tripping/fall hazard as well as odour and infection control issues. This project has been modified based on the 2011 Building Condition Assessment Report.

**6. Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:**

|              | 2017      | 2018 | 2019 | 2020 | 2021 | Total            |
|--------------|-----------|------|------|------|------|------------------|
| <b>Gross</b> | \$453,300 | \$0  | \$0  | \$0  | \$0  | <b>\$453,300</b> |
| <b>Net</b>   | \$0       | \$0  | \$0  | \$0  | \$0  | <b>\$0</b>       |

**7. Consequences/Implications of Not Undertaking Project (including alternatives):**

Health and Safety as well as Public Relations concerns-failure to meet Ministry of Health standards.

**8. Identify Sources and Amounts of Funding**

|              | Taxation   | From Reserve - Rockwood Terrace Reserve |
|--------------|------------|-----------------------------------------|
| 2018         | \$0        | \$444,800                               |
| 2019         | \$0        | \$0                                     |
| 2020         | \$0        | \$0                                     |
| 2021         | \$0        | \$0                                     |
| 2022         | \$0        | \$0                                     |
| <b>Total</b> | <b>\$0</b> | <b>\$444,800</b>                        |

**9. Compliance with Council objective/strategic plan (if applicable):**

Capital investment complies with Goal 1-Expanding the prosperity base.

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

**1. Department / Function: Rockwood Terrace**

**Details of Project/Study: Interior Doors and Suite Door Power Assists**

**2. Total Gross Cost of Proposed Capital Project/Study: \$98,500**

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              | \$98,500              |           |                 |

This project was in the 2017 budget, at a cost of \$178,700. It is estimated that \$80,200 will be spent in 2017, with the remainder of the funds to be carried forward for urgent interior door and door assist issues only pending redevelopment.

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018     | 2019 | 2020 | 2021 | 2022 | Total           |
|--------------|----------|------|------|------|------|-----------------|
| <b>Gross</b> | \$98,500 | \$0  | \$0  | \$0  | \$0  | <b>\$98,500</b> |
| <b>Net</b>   | \$0      | \$0  | \$0  | \$0  | \$0  | <b>\$0</b>      |

**3. Estimated Useful Life: 15 years**

**4. Location of Project/Study (if applicable):**

| Facility Name / Address | Municipality              |
|-------------------------|---------------------------|
| Rockwood Terrace        | Municipality of West Grey |

**5. Need or Benefit(s) of Project (including safety issues):**

The interior doors are original and in poor condition. Many of the doors are twisting and in some cases welds are failing. The operation of each suite door is assisted by an electric door operator which is connected to the fire alarm system. These door assists are nearing the end of their useful life as we are starting to see issues with them not holding the door completely open, or not releasing the door when the fire alarm is activated. We are budgeting \$1,500 (900 for the door and 600 for the door assists) per door to complete this project. This project was modified to include interior doors as per the 2011 Building Condition Assessment Report.

**6. Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:**

|              | 2017      | 2018 | 2019 | 2020 | 2021 | Total            |
|--------------|-----------|------|------|------|------|------------------|
| <b>Gross</b> | \$178,700 | \$0  | \$0  | \$0  | \$0  | <b>\$178,700</b> |
| <b>Net</b>   | \$0       | \$0  | \$0  | \$0  | \$0  | <b>\$0</b>       |

**7. Consequences/Implications of Not Undertaking Project (including alternatives):**

Doors not being held completely open, or not closing in the event of a fire.

**8. Identify Sources and Amounts of Funding**

|      | Taxation - | From Reserve -<br>Rockwood<br>Terrace Reserve |
|------|------------|-----------------------------------------------|
| 2018 | \$0        | \$98,500                                      |
| 2019 | \$0        | \$0                                           |
| 2020 | \$0        | \$0                                           |
| 2021 | \$0        | \$0                                           |

|              |            |                 |
|--------------|------------|-----------------|
| 2022         | \$0        | \$0             |
| <b>Total</b> | <b>\$0</b> | <b>\$98,500</b> |

**9. Compliance with Council objective/strategic plan (if applicable):**

Capital investment complies with Goal 1-Expanding the prosperity base.

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

**1. Department / Function: Rockwood Terrace**

**Details of Project/Study: Replacement of Plumbing Fixtures**

**2. Total Gross Cost of Proposed Capital Project/Study: \$219,000**

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              | \$219,000             |           |                 |

This project was in the 2017 budget, at a cost of \$219,000. About \$10,000 will be spend in 2017 to replace bathroom taps in all areas. The remainder will be carried forward for urgent plumbing issues only pending redevelopment.

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018      | 2019 | 2020 | 2021 | 2022 | Total            |
|--------------|-----------|------|------|------|------|------------------|
| <b>Gross</b> | \$219,000 | \$0  | \$0  | \$0  | \$0  | <b>\$219,000</b> |
| <b>Net</b>   | \$0       | \$0  | \$0  | \$0  | \$0  | <b>\$0</b>       |

**3. Estimated Useful Life: 30 years**

**4. Location of Project/Study (if applicable):**

| Facility Name / Address | Municipality              |
|-------------------------|---------------------------|
| Rockwood Terrace        | Municipality of West Grey |

**5. Need or Benefit(s) of Project (including safety issues):**

Current fixtures are old and in need of replacement-they are original to the building and showing signs of wear and tear. This project has been added based on the 2011 Building Condition Assessment Report.

**6. Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:**

|              | 2017      | 2018 | 2019 | 2020 | 2021 | Total            |
|--------------|-----------|------|------|------|------|------------------|
| <b>Gross</b> | \$219,000 | \$0  | \$0  | \$0  | \$0  | <b>\$219,000</b> |
| <b>Net</b>   | \$0       | \$0  | \$0  | \$0  | \$0  | <b>\$0</b>       |

**7. Consequences/Implications of Not Undertaking Project (including alternatives):**

Leaks and water damage. Negative Public Relations.

**8. Identify Sources and Amounts of Funding**

|              | From Reserve -<br>Rockwood<br>Terrace Reserve |
|--------------|-----------------------------------------------|
| 2018         | \$219,000                                     |
| 2019         | \$0                                           |
| 2020         | \$0                                           |
| 2021         | \$0                                           |
| 2022         | \$0                                           |
| <b>Total</b> | <b>\$219,000</b>                              |

**9. Compliance with Council objective/strategic plan (if applicable):**

This capital investment complies with Goal 1-Expanding the prosperity base.

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

There is a water conservation opportunity when replacing the sinks and toilets.

1. **Department / Function:** **Rockwood Terrace**  
**Details of Project/Study:** **Mechanical Systems**

2. **Total Gross Cost of Proposed Capital Project/Study:** \$163,300

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              | \$163,300             |           |                 |

This project was in the 2017 budget, at a cost of \$163,300. The work will not be undertaken in 2017, and will be carried forward for urgent mechanical system issues only pending redevelopment.

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018      | 2019 | 2020 | 2021 | 2022 | Total            |
|--------------|-----------|------|------|------|------|------------------|
| <b>Gross</b> | \$163,300 | \$0  | \$0  | \$0  | \$0  | <b>\$163,300</b> |
| <b>Net</b>   | \$0       | \$0  | \$0  | \$0  | \$0  | <b>\$0</b>       |

3. **Estimated Useful Life:** 20 years

4. **Location of Project/Study (if applicable):**

| Facility Name / Address | Municipality              |
|-------------------------|---------------------------|
| Rockwood Terrace        | Municipality of West Grey |

5. **Need or Benefit(s) of Project (including safety issues):**

Heating is supplied by three natural gas boilers. The boilers are original to the construction of the building, and are not very efficient. These boilers have reached the end of their service life, and replacing them with high efficiency units will reduce repair and operating costs. Situated in the penthouse is a steam boiler to control humidification with the home. This unit is about 27 years old and is in poor condition. The Building Condition Assessment study recommends replacing this unit immediately. There are two air conditioning units over the office areas. These units are over 20 years old, and have reached the end of their service life.

6. **Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:**

|              | 2017      | 2018 | 2019 | 2020 | 2021 | Total            |
|--------------|-----------|------|------|------|------|------------------|
| <b>Gross</b> | \$163,300 | \$0  | \$0  | \$0  | \$0  | <b>\$163,300</b> |
| <b>Net</b>   | \$0       | \$0  | \$0  | \$0  | \$0  | <b>\$0</b>       |

7. **Consequences/Implications of Not Undertaking Project (including alternatives):**  
Poor air quality and extreme temperatures withing the building.

8. **Identify Sources and Amounts of Funding**

|              | From Reserve -<br>Rockwood<br>Terrace Reserve |
|--------------|-----------------------------------------------|
| 2018         | \$163,300                                     |
| 2019         | \$0                                           |
| 2020         | \$0                                           |
| 2021         | \$0                                           |
| 2022         | \$0                                           |
| <b>Total</b> | <b>\$163,300</b>                              |

**9. Compliance with Council objective/strategic plan (if applicable):**

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

Replacement of these items with high energy efficiency models will reduce future operating costs.

**1. Department / Function: Rockwood Terrace**

**Details of Project/Study: Domestic Water Supply and Distribution**

**2. Total Gross Cost of Proposed Capital Project/Study: \$216,200**

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              | \$216,200             |           |                 |

This project was in the 2017 budget, at a cost of \$216,200. The work will not be undertaken in 2017, and will be carried forward for urgent water supply and distribution issues only pending redevelopment.

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018      | 2019 | 2020 | 2021 | 2022 | Total            |
|--------------|-----------|------|------|------|------|------------------|
| <b>Gross</b> | \$216,200 | \$0  | \$0  | \$0  | \$0  | <b>\$216,200</b> |
| <b>Net</b>   | \$0       | \$0  | \$0  | \$0  | \$0  | <b>\$0</b>       |

**3. Estimated Useful Life: 20-35 years**

**4. Location of Project/Study (if applicable):**

| Facility Name / Address | Municipality              |
|-------------------------|---------------------------|
| Rockwood Terrace        | Municipality of West Grey |

**5. Need or Benefit(s) of Project (including safety issues):**

The copper plumbing is original and approximately 27 years old. Due to the recirculation pumps it can be expected that the copper hot water distribution pipes have reached the end of their service life as per the Building Condition Assessment Report.

**6. Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:**

|              | 2017      | 2018 | 2019 | 2020 | 2021 | Total            |
|--------------|-----------|------|------|------|------|------------------|
| <b>Gross</b> | \$216,200 | \$0  | \$0  | \$0  | \$0  | <b>\$216,200</b> |
| <b>Net</b>   | \$0       | \$0  | \$0  | \$0  | \$0  | <b>\$0</b>       |

**7. Consequences/Implications of Not Undertaking Project (including alternatives):**

Leaks and water damage. Hot water shortage and low pressure.

**8. Identify Sources and Amounts of Funding**

|              | Taxation   | From Reserve - Rockwood Terrace Reserve |
|--------------|------------|-----------------------------------------|
| 2018         | \$0        | \$216,200                               |
| 2019         | \$0        | \$0                                     |
| 2020         | \$0        | \$0                                     |
| 2021         | \$0        | \$0                                     |
| 2022         | \$0        | \$0                                     |
| <b>Total</b> | <b>\$0</b> | <b>\$216,200</b>                        |

**9. Compliance with Council objective/strategic plan (if applicable):**

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

**1. Department / Function: Rockwood Terrace**

**Details of Project/Study: Make-up Air Units (Penthouse)**

**2. Total Gross Cost of Proposed Capital Project/Study: \$35,500**

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              | \$35,500              |           |                 |

This project was in the 2017 budget, at a cost of \$35,500. The work will not be undertaken in 2017, and will be carried forward for urgent air make-up issues only pending redevelopment.

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018     | 2019 | 2020 | 2021 | 2022 | Total           |
|--------------|----------|------|------|------|------|-----------------|
| <b>Gross</b> | \$35,500 | \$0  | \$0  | \$0  | \$0  | <b>\$35,500</b> |
| <b>Net</b>   | \$0      | \$0  | \$0  | \$0  | \$0  | <b>\$0</b>      |

**3. Estimated Useful Life: 20 years**

**4. Location of Project/Study (if applicable):**

| Facility Name / Address | Municipality              |
|-------------------------|---------------------------|
| Rockwood Terrace        | Municipality of West Grey |

**5. Need or Benefit(s) of Project (including safety issues):**

On the roof of the mechanical penthouse is one air make-up unit and one exhaust unit. These units provide air exchange for the second and third floors. These units are original, and have exceeded their life expectancy. These funds would be used to replace these unit when the need arises.

**6. Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:**

|              | 2017     | 2018 | 2019 | 2020 | 2021 | Total           |
|--------------|----------|------|------|------|------|-----------------|
| <b>Gross</b> | \$35,500 | \$0  | \$0  | \$0  | \$0  | <b>\$35,500</b> |
| <b>Net</b>   | \$0      | \$0  | \$0  | \$0  | \$0  | <b>\$0</b>      |

**7. Consequences/Implications of Not Undertaking Project (including alternatives):**

End of Life

**8. Identify Sources and Amounts of Funding**

|              | From Reserve -<br>Rockwood<br>Reserve |
|--------------|---------------------------------------|
| 2018         | \$35,500                              |
| 2019         | \$0                                   |
| 2020         | \$0                                   |
| 2021         | \$0                                   |
| 2022         | \$0                                   |
| <b>Total</b> | <b>\$35,500</b>                       |

**9. Compliance with Council objective/strategic plan (if applicable):**

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

1. **Department / Function:** **Rockwood Terrace**  
**Details of Project/Study:** **Exterior Lighting**

2. **Total Gross Cost of Proposed Capital Project/Study:** \$19,800

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              | \$19,800              |           |                 |

This project was in the 2017 budget, at a cost of \$19,800. The work will not be undertaken in 2017, and will be carried forward for urgent interior lighting issues only pending redevelopment.

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018     | 2019 | 2020 | 2021 | 2022 | Total           |
|--------------|----------|------|------|------|------|-----------------|
| <b>Gross</b> | \$19,800 | \$0  | \$0  | \$0  | \$0  | <b>\$19,800</b> |
| <b>Net</b>   | \$0      | \$0  | \$0  | \$0  | \$0  | <b>\$0</b>      |

3. **Estimated Useful Life:** 20 years

4. **Location of Project/Study (if applicable):**

| Facility Name / Address | Municipality              |
|-------------------------|---------------------------|
| Rockwood Terrace        | Municipality of West Grey |

5. **Need or Benefit(s) of Project (including safety issues):**  
End of life, health and safety.

6. **Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:**

|              | 2017     | 2018 | 2019 | 2020 | 2021 | Total           |
|--------------|----------|------|------|------|------|-----------------|
| <b>Gross</b> | \$19,800 | \$0  | \$0  | \$0  | \$0  | <b>\$19,800</b> |
| <b>Net</b>   | \$0      | \$0  | \$0  | \$0  | \$0  | <b>\$0</b>      |

7. **Consequences/Implications of Not Undertaking Project (including alternatives):**  
End of life, health and safety.

8. **Identify Sources and Amounts of Funding**

|              | Taxation   | From Reserve -<br>Rockwood<br>Terrace Reserve |
|--------------|------------|-----------------------------------------------|
| 2018         | \$0        | \$19,800                                      |
| 2019         | \$0        | \$0                                           |
| 2020         | \$0        | \$0                                           |
| 2021         | \$0        | \$0                                           |
| 2022         | \$0        | \$0                                           |
| <b>Total</b> | <b>\$0</b> | <b>\$19,800</b>                               |

9. **Compliance with Council objective/strategic plan (if applicable):**

10. **Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

1. **Department / Function:** **Rockwood Terrace**  
**Details of Project/Study:** **Interior Lighting**

2. **Total Gross Cost of Proposed Capital Project/Study:** \$24,600

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              | \$24,600              |           |                 |

This project was in the 2017 budget at a cost of \$24,600. The work will not be undertaken in 2017 and will be carried forward for urgent lighting issues only pending redevelopment.

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018     | 2019 | 2020 | 2021 | 2022 | Total           |
|--------------|----------|------|------|------|------|-----------------|
| <b>Gross</b> | \$24,600 | \$0  | \$0  | \$0  | \$0  | <b>\$24,600</b> |
| <b>Net</b>   | \$0      | \$0  | \$0  | \$0  | \$0  | <b>\$0</b>      |

3. **Estimated Useful Life:** 20 years

4. **Location of Project/Study (if applicable):**

| Facility Name / Address | Municipality              |
|-------------------------|---------------------------|
| Rockwood Terrace        | Municipality of West Grey |

5. **Need or Benefit(s) of Project (including safety issues):**  
End of useful life.

6. **Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:**

|              | 2017     | 2018 | 2019 | 2020 | 2021 | Total           |
|--------------|----------|------|------|------|------|-----------------|
| <b>Gross</b> | \$24,600 | \$0  | \$0  | \$0  | \$0  | <b>\$24,600</b> |
| <b>Net</b>   | \$0      | \$0  | \$0  | \$0  | \$0  | <b>\$0</b>      |

7. **Consequences/Implications of Not Undertaking Project (including alternatives):**  
End of useful life.

8. **Identify Sources and Amounts of Funding**

|              | From Reserve -<br>Rockwood<br>Terrace Reserve |
|--------------|-----------------------------------------------|
| 2018         | \$24,600                                      |
| 2019         | \$0                                           |
| 2020         | \$0                                           |
| 2021         | \$0                                           |
| 2022         | \$0                                           |
| <b>Total</b> | <b>\$24,600</b>                               |

9. **Compliance with Council objective/strategic plan (if applicable):**

10. **Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

**1. Department / Function: Rockwood Terrace**

**Details of Project/Study: Window Replacement**

**2. Total Gross Cost of Proposed Capital Project/Study: \$302,500**

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              | \$302,500             |           |                 |

This project was to replace windows over three years (one floor per year) commencing in 2016. April 2017-This project has been put on hold and we will only be replacing windows on an emergency basis pending a redevelopment decision. The \$302,500 will be carried forward.

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018      | 2019 | 2020 | 2021 | 2022 | Total            |
|--------------|-----------|------|------|------|------|------------------|
| <b>Gross</b> | \$302,500 | \$0  | \$0  | \$0  | \$0  | <b>\$302,500</b> |
| <b>Net</b>   | \$120,000 | \$0  | \$0  | \$0  | \$0  | <b>\$120,000</b> |

**3. Estimated Useful Life: 30 years**

**4. Location of Project/Study (if applicable):**

| Facility Name / Address | Municipality              |
|-------------------------|---------------------------|
| Rockwood Terrace        | Municipality of West Grey |

**5. Need or Benefit(s) of Project (including safety issues):**

Current windows are original to the building. We are starting to see some break down-broken seals and cloudiness in between the window panes. Current windows are not very energy efficient resulting in some drafts. There is also a new requirement from the Ministry of Health that windows only open 10 centimetres. They are a resident safety issue, as they have been taken apart and used to escape from the building-we have a home designed temporary measure in place to prevent this, but would like to correct on a more permanent basis. Plan would be to complete one floor per year. April 2017-This project has been put on hold and we will only be replacing windows on an emergency basis pending a redevelopment decision.

**6. Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:**

|              | 2017      | 2018      | 2019 | 2020 | 2021 | Total            |
|--------------|-----------|-----------|------|------|------|------------------|
| <b>Gross</b> | \$182,500 | \$120,000 | \$0  | \$0  | \$0  | <b>\$302,500</b> |
| <b>Net</b>   | \$100,000 | \$120,000 | \$0  | \$0  | \$0  | <b>\$220,000</b> |

**7. Consequences/Implications of Not Undertaking Project (including alternatives):**

Failure to replace the windows will result in a waste of energy and become a public relations issue due to the cloudiness and drafts. Also has been a resident safety issue.

**8. Identify Sources and Amounts of Funding**

|      | Taxation  | From Reserve - Rockwood Terrace Reserve |
|------|-----------|-----------------------------------------|
| 2018 | \$120,000 | \$182,500                               |
| 2019 | \$0       | \$0                                     |
| 2020 | \$0       | \$0                                     |
| 2021 | \$0       | \$0                                     |

|              |                  |                  |
|--------------|------------------|------------------|
| 2022         | \$0              | \$0              |
| <b>Total</b> | <b>\$120,000</b> | <b>\$182,500</b> |

**9. Compliance with Council objective/strategic plan (if applicable):**

This capital investment complies with Goal 1-Expanding the prosperity base.

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

We are proposing that we complete one floor per year over a three year time span commencing in 2016.

1. **Department / Function:** **Rockwood Terrace**  
**Details of Project/Study:** **Resident Lifts**

2. **Total Gross Cost of Proposed Capital Project/Study:** \$147,250

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              |                       | \$147,250 |                 |

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018     | 2019     | 2020     | 2021     | 2022     | Total            |
|--------------|----------|----------|----------|----------|----------|------------------|
| <b>Gross</b> | \$40,750 | \$57,000 | \$16,250 | \$16,500 | \$16,750 | <b>\$147,250</b> |
| <b>Net</b>   | \$40,750 | \$57,000 | \$16,250 | \$16,500 | \$16,750 | <b>\$147,250</b> |

3. **Estimated Useful Life:** 10 years

4. **Location of Project/Study (if applicable):**

| Facility Name / Address | Municipality              |
|-------------------------|---------------------------|
| Rockwood Terrace        | Municipality of West Grey |

5. **Need or Benefit(s) of Project (including safety issues):**

As the care levels in Long Term Care Homes increase so does the need for new and replacement resident lifts and slings. The County has a zero lift policy for resident lifting. The home maintains a fleet of about 29 lifting devices. This money would allow us to replace one floor style mechanical lift (2 lifts in 2019) and approximately five slings each year as lifts and slings reach the end of their life expectancy-a lift and sling inventory is maintained. Due to the increased acuity of residents, the size of the tub rooms and staff health and safety, 2 ceiling lifts for tub rooms have been included for 2018 and 2019.

6. **Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:**

|              | 2017     | 2018     | 2019     | 2020     | 2021     | Total            |
|--------------|----------|----------|----------|----------|----------|------------------|
| <b>Gross</b> | \$40,500 | \$40,750 | \$57,000 | \$16,250 | \$16,500 | <b>\$171,000</b> |
| <b>Net</b>   | \$40,500 | \$40,750 | \$57,000 | \$16,250 | \$16,500 | <b>\$171,000</b> |

7. **Consequences/Implications of Not Undertaking Project (including alternatives):**

Insufficient number of lifts could lead to issues of non-compliance and also put the safety of residents and staff at risk.

8. **Identify Sources and Amounts of Funding**

|              | Taxation         |
|--------------|------------------|
| 2018         | \$40,750         |
| 2019         | \$57,000         |
| 2020         | \$16,250         |
| 2021         | \$16,500         |
| 2022         | \$16,750         |
| <b>Total</b> | <b>\$147,250</b> |

**9. Compliance with Council objective/strategic plan (if applicable):**

This capital investment would comply with Goal 1-Expanding the prosperity base.

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

The home is required to provide a safe environment for residents and staff. Financial liability and injury to residents and staff could result from the use of unsafe equipment. The annual inspection and maintenance cost to recertify equipment is part of the operational budget.

**1. Department / Function: Rockwood Terrace**

**Details of Project/Study: Information Technology**

**2. Total Gross Cost of Proposed Capital Project/Study: \$112,000**

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              |                       | \$112,000 |                 |

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018     | 2019     | 2020     | 2021     | 2022     | Total            |
|--------------|----------|----------|----------|----------|----------|------------------|
| <b>Gross</b> | \$20,000 | \$40,000 | \$15,000 | \$15,000 | \$22,000 | <b>\$112,000</b> |
| <b>Net</b>   | \$20,000 | \$40,000 | \$15,000 | \$15,000 | \$22,000 | <b>\$112,000</b> |

**3. Estimated Useful Life: 2-4 years**

**4. Location of Project/Study (if applicable):**

| Facility Name / Address | Municipality              |
|-------------------------|---------------------------|
| Rockwood Terrace        | Municipality of West Grey |

**5. Need or Benefit(s) of Project (including safety issues):**

Continue program of replacing all computers every four years. In 2018, replacement computers will be required for the Resident and Family Services Manager, the Scheduler, two for the nursing department and one for the staff room. In 2018 and 2022, the additional funds will be used to replace the three menu boards. In 2019, the additional funds will be used to replace the Point of Care Kiosks.

**6. Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:**

|              | 2017     | 2018     | 2019     | 2020     | 2021     | Total            |
|--------------|----------|----------|----------|----------|----------|------------------|
| <b>Gross</b> | \$36,640 | \$20,000 | \$40,000 | \$15,000 | \$15,210 | <b>\$126,850</b> |
| <b>Net</b>   | \$36,640 | \$20,000 | \$40,000 | \$15,000 | \$15,210 | <b>\$126,850</b> |

**7. Consequences/Implications of Not Undertaking Project (including alternatives):**

Staff working with obsolete equipment leads to inefficiency in day to day tasks as well as in communication with other County departments and outside agencies.

**8. Identify Sources and Amounts of Funding**

|              | Taxation         | From Reserve -<br>Rockwood<br>Terrace Reserve |
|--------------|------------------|-----------------------------------------------|
| 2018         | \$20,000         | \$0                                           |
| 2019         | \$40,000         | \$0                                           |
| 2020         | \$15,000         | \$0                                           |
| 2021         | \$15,000         | \$0                                           |
| 2022         | \$22,000         | \$0                                           |
| <b>Total</b> | <b>\$112,000</b> | <b>\$0</b>                                    |

**9. Compliance with Council objective/strategic plan (if applicable):**

This capital investment complies with Goal 1-Expanding the prosperity base.

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

Inefficiency of staff; Increased need to additional IT support.

**1. Department / Function: Rockwood Terrace**

**Details of Project/Study: High-Low Beds/Mattresses**

**2. Total Gross Cost of Proposed Capital Project/Study: \$112,500**

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              |                       | \$112,500 |                 |

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018     | 2019     | 2020     | 2021     | 2022     | Total            |
|--------------|----------|----------|----------|----------|----------|------------------|
| <b>Gross</b> | \$21,500 | \$22,000 | \$22,500 | \$23,000 | \$23,500 | <b>\$112,500</b> |
| <b>Net</b>   | \$21,500 | \$22,000 | \$22,500 | \$23,000 | \$23,500 | <b>\$112,500</b> |

**3. Estimated Useful Life: 10 years (beds), 3-5 years mattresses**

**4. Location of Project/Study (if applicable):**

| Facility Name / Address | Municipality              |
|-------------------------|---------------------------|
| Rockwood Terrace        | Municipality of West Grey |

**5. Need or Benefit(s) of Project (including safety issues):**

Rockwood Terrace has adopted a restraint free approach to resident care. Specialized beds (high/low) are more in demand especially in light of MOHLTC "no/least" restraint policies. These beds lower to 6 inches from the floor which almost eliminates resident injury when attempting to crawl out of bed, and also raise to a safe level that allows staff to provide care. These funds allow for 10 beds and mattresses to be replaced each year based on age of the bed. This plan was re-inforced recently with the completion of a bed entrapment audit.

**6. Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:**

|              | 2017     | 2018     | 2019     | 2020     | 2021     | Total            |
|--------------|----------|----------|----------|----------|----------|------------------|
| <b>Gross</b> | \$21,000 | \$21,500 | \$22,000 | \$22,500 | \$23,000 | <b>\$110,000</b> |
| <b>Net</b>   | \$21,000 | \$21,500 | \$22,000 | \$22,500 | \$23,000 | <b>\$110,000</b> |

**7. Consequences/Implications of Not Undertaking Project (including alternatives):**

There is a potential risk to resident safety and MOHLTC non-compliance. High low beds reduce the risk of injury to residents related to falls and restraints and increases their level of independence.

**8. Identify Sources and Amounts of Funding**

|              | Taxation         |
|--------------|------------------|
| 2018         | \$21,500         |
| 2019         | \$22,000         |
| 2020         | \$22,500         |
| 2021         | \$23,000         |
| 2022         | \$23,500         |
| <b>Total</b> | <b>\$112,500</b> |

**9. Compliance with Council objective/strategic plan (if applicable):**

The capital investment complies with Goal 1-Expanding the prosperity base.

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

See #8 above.

**1. Department / Function: Rockwood Terrace**

**Details of Project/Study: Handrail Replacement**

**2. Total Gross Cost of Proposed Capital Project/Study: \$45,000**

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              | \$45,000              |           |                 |

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018     | 2019 | 2020 | 2021 | 2022 | Total           |
|--------------|----------|------|------|------|------|-----------------|
| <b>Gross</b> | \$45,000 | \$0  | \$0  | \$0  | \$0  | <b>\$45,000</b> |
| <b>Net</b>   | \$45,000 | \$0  | \$0  | \$0  | \$0  | <b>\$45,000</b> |

**3. Estimated Useful Life: 30 years**

**4. Location of Project/Study (if applicable):**

| Facility Name / Address | Municipality              |
|-------------------------|---------------------------|
| Rockwood Terrace        | Municipality of West Grey |

**5. Need or Benefit(s) of Project (including safety issues):**

Handrails (other than one wing of the home) are wooden. These have started to deteriorate-finish wearing off, chips etc. and have become an infection control risk. Replacement handrails would be constructed of non-permeable material to ensure easier cleaning.

**6. Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:**

|              | 2017 | 2018 | 2019 | 2020 | 2021 | Total      |
|--------------|------|------|------|------|------|------------|
| <b>Gross</b> | \$0  | \$0  | \$0  | \$0  | \$0  | <b>\$0</b> |
| <b>Net</b>   | \$0  | \$0  | \$0  | \$0  | \$0  | <b>\$0</b> |

**7. Consequences/Implications of Not Undertaking Project (including alternatives):**

Non-compliance with Ministry of Health and Long Term Care Regulations related to upkeep of the home and infection control.

**8. Identify Sources and Amounts of Funding**

|              | Taxation        |
|--------------|-----------------|
| 2018         | \$45,000        |
| 2019         | \$0             |
| 2020         | \$0             |
| 2021         | \$0             |
| 2022         | \$0             |
| <b>Total</b> | <b>\$45,000</b> |

**9. Compliance with Council objective/strategic plan (if applicable):**

This capital investment would comply with Goal 1-Expanding the prosperity base.

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

Maintaining good infection control practices is paramount for the safety and well being of both residents and staff.

**1. Department / Function: Rockwood Terrace**

**Details of Project/Study: Painting of Common Areas**

**2. Total Gross Cost of Proposed Capital Project/Study: \$25,200**

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              | \$25,200              |           |                 |

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018     | 2019 | 2020 | 2021 | 2022 | Total           |
|--------------|----------|------|------|------|------|-----------------|
| <b>Gross</b> | \$25,200 | \$0  | \$0  | \$0  | \$0  | <b>\$25,200</b> |
| <b>Net</b>   | \$25,200 | \$0  | \$0  | \$0  | \$0  | <b>\$25,200</b> |

**3. Estimated Useful Life: 10 Years**

**4. Location of Project/Study (if applicable):**

| Facility Name / Address | Municipality              |
|-------------------------|---------------------------|
| Rockwood Terrace        | Municipality of West Grey |

**5. Need or Benefit(s) of Project (including safety issues):**

The walls of the common room areas are painted drywall. The Building Conditions Assessment recommends repainting of the interior common area walls every 10 years.

**6. Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:**

|              | 2017 | 2018 | 2019 | 2020 | 2021 | Total      |
|--------------|------|------|------|------|------|------------|
| <b>Gross</b> | \$0  | \$0  | \$0  | \$0  | \$0  | <b>\$0</b> |
| <b>Net</b>   | \$0  | \$0  | \$0  | \$0  | \$0  | <b>\$0</b> |

**7. Consequences/Implications of Not Undertaking Project (including alternatives):**

Potential non-compliance with Ministry of Health and Long Term Care regulations to maintain the home in good condition.

**8. Identify Sources and Amounts of Funding**

|              | Taxation        |
|--------------|-----------------|
| 2018         | \$25,200        |
| 2019         | \$0             |
| 2020         | \$0             |
| 2021         | \$0             |
| 2022         | \$0             |
| <b>Total</b> | <b>\$25,200</b> |

**9. Compliance with Council objective/strategic plan (if applicable):**

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

1. **Department / Function:** **Rockwood Terrace**  
**Details of Project/Study:** **Security System**

2. **Total Gross Cost of Proposed Capital Project/Study:** \$20,000

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              |                       | \$20,000  |                 |

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018     | 2019 | 2020 | 2021 | 2022 | Total           |
|--------------|----------|------|------|------|------|-----------------|
| <b>Gross</b> | \$20,000 | \$0  | \$0  | \$0  | \$0  | <b>\$20,000</b> |
| <b>Net</b>   | \$0      | \$0  | \$0  | \$0  | \$0  | <b>\$0</b>      |

3. **Estimated Useful Life:** 3-5 Years

4. **Location of Project/Study (if applicable):**

| Facility Name / Address | Municipality              |
|-------------------------|---------------------------|
| Rockwood Terrace        | Municipality of West Grey |

5. **Need or Benefit(s) of Project (including safety issues):**

This project proposes the installation of security cameras both inside and outside the home to improve the safety of residents and staff related to unobserved falls and/or behaviours as well as potentially unwanted visitors. Cameras are proposed for the front, east and back entrances of the building as well as the garden area. In the interior of the building, two cameras are proposed for each of the 6 wings as well as one at each nurses station.

6. **Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:**

|              | 2017 | 2018 | 2019 | 2020 | 2021 | Total      |
|--------------|------|------|------|------|------|------------|
| <b>Gross</b> | \$0  | \$0  | \$0  | \$0  | \$0  | <b>\$0</b> |
| <b>Net</b>   | \$0  | \$0  | \$0  | \$0  | \$0  | <b>\$0</b> |

7. **Consequences/Implications of Not Undertaking Project (including alternatives):**

Potential risk to residents and staff related to unobserved falls, increased behaviours and/or unwanted visitors.

8. **Identify Sources and Amounts of Funding**

|              | From Reserve -<br>Rockwood<br>Terrace Reserve |
|--------------|-----------------------------------------------|
| 2018         | \$20,000                                      |
| 2019         | \$0                                           |
| 2020         | \$0                                           |
| 2021         | \$0                                           |
| 2022         | \$0                                           |
| <b>Total</b> | <b>\$20,000</b>                               |

**9. Compliance with Council objective/strategic plan (if applicable):**

The installation of this monitoring equipment would assist in achieving excellence in service, as identified in goal 6 of the Grey County Strategic Plan.

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

1. **Department / Function:** **Rockwood Terrace**  
**Details of Project/Study:** **Whirlpool Tubs**

2. **Total Gross Cost of Proposed Capital Project/Study:** \$172,500

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              |                       | \$172,500 |                 |

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018     | 2019     | 2020     | 2021 | 2022     | Total            |
|--------------|----------|----------|----------|------|----------|------------------|
| <b>Gross</b> | \$40,000 | \$42,500 | \$45,000 | \$0  | \$45,000 | <b>\$172,500</b> |
| <b>Net</b>   | \$40,000 | \$42,500 | \$45,000 | \$0  | \$45,000 | <b>\$172,500</b> |

3. **Estimated Useful Life:** 10 Years

4. **Location of Project/Study (if applicable):**

| Facility Name / Address | Municipality              |
|-------------------------|---------------------------|
| Rockwood Terrace        | Municipality of West Grey |

5. **Need or Benefit(s) of Project (including safety issues):**

Tubs are needed in order to continue providing quality care to residents. This will allow for replacement of a tubs that will be reaching or have exceeded the end of life expectancy.

6. **Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:**

|              | 2017 | 2018 | 2019     | 2020 | 2021     | Total           |
|--------------|------|------|----------|------|----------|-----------------|
| <b>Gross</b> | \$0  | \$0  | \$33,000 | \$0  | \$35,000 | <b>\$68,000</b> |
| <b>Net</b>   | \$0  | \$0  | \$33,000 | \$0  | \$35,000 | <b>\$68,000</b> |

7. **Consequences/Implications of Not Undertaking Project (including alternatives):**

Unable to provide adequate service to residents and risk of non-compliance with MOHLTC.

8. **Identify Sources and Amounts of Funding**

|              | Taxation         |
|--------------|------------------|
| 2018         | \$40,000         |
| 2019         | \$42,500         |
| 2020         | \$45,000         |
| 2021         | \$0              |
| 2022         | \$45,000         |
| <b>Total</b> | <b>\$172,500</b> |

9. **Compliance with Council objective/strategic plan (if applicable):**

Capital investment complies with Goal 1-Expanding the prosperity base.

10. **Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

See #8 above.

1. **Department / Function:** **Rockwood Terrace**  
**Details of Project/Study:** **Home Enhancements**

2. **Total Gross Cost of Proposed Capital Project/Study:** \$10,000

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              |                       | \$10,000  |                 |

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018 | 2019     | 2020 | 2021 | 2022 | Total           |
|--------------|------|----------|------|------|------|-----------------|
| <b>Gross</b> | \$0  | \$10,000 | \$0  | \$0  | \$0  | <b>\$10,000</b> |
| <b>Net</b>   | \$0  | \$0      | \$0  | \$0  | \$0  | <b>\$0</b>      |

3. **Estimated Useful Life:** 10 years

4. **Location of Project/Study (if applicable):**

| Facility Name / Address | Municipality              |
|-------------------------|---------------------------|
| Rockwood Terrace        | Municipality of West Grey |

5. **Need or Benefit(s) of Project (including safety issues):**

There is an ongoing need for upgrading and replacement of furniture, finishings (for example: artwork, curtains, signage, etc.) and audio/visual equipment in resident lounge and common areas, dining rooms, resident rooms and offices. Normal wear and tear, changing resident needs and ensuring resident and staff safety are key considerations when items are replaced. This addresses the Ministry of Health and Long Term Care regulation ensuring that resident furniture and equipment is in a state of good repair and meet the needs of the resident population.

6. **Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:**

|              | 2017     | 2018 | 2019 | 2020 | 2021 | Total           |
|--------------|----------|------|------|------|------|-----------------|
| <b>Gross</b> | \$30,000 | \$0  | \$0  | \$0  | \$0  | <b>\$30,000</b> |
| <b>Net</b>   | \$10,000 | \$0  | \$0  | \$0  | \$0  | <b>\$10,000</b> |

7. **Consequences/Implications of Not Undertaking Project (including alternatives):**

Potential non-compliance to Ministry of Health and Long Term Care regulations to provide furnishings/equipment for the residents in good condition. Health and safety concerns for staff and the potential for infection control issues.

8. **Identify Sources and Amounts of Funding**

|              | Taxation   | From Reserve -<br>Rockwood<br>Donation<br>Reserve |
|--------------|------------|---------------------------------------------------|
| 2018         | \$0        | \$0                                               |
| 2019         | \$0        | \$10,000                                          |
| 2020         | \$0        | \$0                                               |
| 2021         | \$0        | \$0                                               |
| 2022         | \$0        | \$0                                               |
| <b>Total</b> | <b>\$0</b> | <b>\$10,000</b>                                   |

**9. Compliance with Council objective/strategic plan (if applicable):**

The upkeep, maintenance and replacement of equipment assist in achieving excellence in service, as goal 6 identifies in the Grey County Strategic Plan.

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

**1. Department / Function: Rockwood Terrace**

**Details of Project/Study: Dryer**

**2. Total Gross Cost of Proposed Capital Project/Study: \$8,600**

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              |                       | \$8,600   |                 |

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018 | 2019 | 2020    | 2021 | 2022 | Total          |
|--------------|------|------|---------|------|------|----------------|
| <b>Gross</b> | \$0  | \$0  | \$8,600 | \$0  | \$0  | <b>\$8,600</b> |
| <b>Net</b>   | \$0  | \$0  | \$8,600 | \$0  | \$0  | <b>\$8,600</b> |

**3. Estimated Useful Life: 10-15 years**

**4. Location of Project/Study (if applicable):**

| Facility Name / Address | Municipality              |
|-------------------------|---------------------------|
| Rockwood Terrace        | Municipality of West Grey |

**5. Need or Benefit(s) of Project (including safety issues):**

This is an end of life cycle replacement for one clothes dryer. Price adjusted to address inflation-quote from supplier.

**6. Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:**

|              | 2017 | 2018 | 2019 | 2020    | 2021 | Total          |
|--------------|------|------|------|---------|------|----------------|
| <b>Gross</b> | \$0  | \$0  | \$0  | \$8,600 | \$0  | <b>\$8,600</b> |
| <b>Net</b>   | \$0  | \$0  | \$0  | \$8,600 | \$0  | <b>\$8,600</b> |

**7. Consequences/Implications of Not Undertaking Project (including alternatives):**

Potential for interruption of service to residents and Paramedic Services department.

**8. Identify Sources and Amounts of Funding**

|              | Taxation       |
|--------------|----------------|
| 2018         | \$0            |
| 2019         | \$0            |
| 2020         | \$8,600        |
| 2021         | \$0            |
| 2022         | \$0            |
| <b>Total</b> | <b>\$8,600</b> |

**9. Compliance with Council objective/strategic plan (if applicable):**

The upkeep, maintenance and replacement of equipment assist in achieving excellence in service, as goal 6 identifies in the Grey County Strategic Plan.

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

Potential non-compliance of Ministry of Health and Long Term Care regulation regarding the return of resident's personal laundry.

1. **Department / Function:** **Rockwood Terrace**  
**Details of Project/Study:** **Electrical Systems**

2. **Total Gross Cost of Proposed Capital Project/Study:** \$13,500

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              |                       | \$13,500  |                 |

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018 | 2019 | 2020     | 2021 | 2022 | Total           |
|--------------|------|------|----------|------|------|-----------------|
| <b>Gross</b> | \$0  | \$0  | \$13,500 | \$0  | \$0  | <b>\$13,500</b> |
| <b>Net</b>   | \$0  | \$0  | \$13,500 | \$0  | \$0  | <b>\$13,500</b> |

3. **Estimated Useful Life:** 4 years (as per Building Condition Assessment)

4. **Location of Project/Study (if applicable):**

| Facility Name / Address | Municipality              |
|-------------------------|---------------------------|
| Rockwood Terrace        | Municipality of West Grey |

5. **Need or Benefit(s) of Project (including safety issues):**

Although the life expectancy of this equipment is 40 years plus, the Building Condition Assessment plan suggests an allowance every four years for repairs.

6. **Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:**

|              | 2017 | 2018 | 2019 | 2020     | 2021 | Total           |
|--------------|------|------|------|----------|------|-----------------|
| <b>Gross</b> | \$0  | \$0  | \$0  | \$13,500 | \$0  | <b>\$13,500</b> |
| <b>Net</b>   | \$0  | \$0  | \$0  | \$13,500 | \$0  | <b>\$13,500</b> |

7. **Consequences/Implications of Not Undertaking Project (including alternatives):**

There is a potential risk to resident safety and MOHLTC non-compliance.

8. **Identify Sources and Amounts of Funding**

|              | Taxation        |
|--------------|-----------------|
| 2018         | \$0             |
| 2019         | \$0             |
| 2020         | \$13,500        |
| 2021         | \$0             |
| 2022         | \$0             |
| <b>Total</b> | <b>\$13,500</b> |

9. **Compliance with Council objective/strategic plan (if applicable):**

This capital investment complies with Goal 1-Expanding the prosperity base.

10. **Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

Failure to address could result in emergency repairs.

**1. Department / Function: Rockwood Terrace**

**Details of Project/Study: Sprinkler Installation-First Floor**

**2. Total Gross Cost of Proposed Capital Project/Study: \$92,000**

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              | \$92,000              |           |                 |

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018 | 2019 | 2020 | 2021     | 2022 | Total           |
|--------------|------|------|------|----------|------|-----------------|
| <b>Gross</b> | \$0  | \$0  | \$0  | \$92,000 | \$0  | <b>\$92,000</b> |
| <b>Net</b>   | \$0  | \$0  | \$0  | \$0      | \$0  | <b>\$0</b>      |

**3. Estimated Useful Life: 25 years**

**4. Location of Project/Study (if applicable):**

| Facility Name / Address | Municipality              |
|-------------------------|---------------------------|
| Rockwood Terrace        | Municipality of West Grey |

**5. Need or Benefit(s) of Project (including safety issues):**

First floor sprinkler installation was not done at the time sprinklers were installed on the other two floors because if a renovation occurs, this floor will be affected the most, and there are also no resident bedrooms currently on this floor. This capital project has been added to ensure sprinklers get installed on first floor if the renovation does not occur.

**6. Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:**

|              | 2017 | 2018 | 2019 | 2020 | 2021     | Total           |
|--------------|------|------|------|------|----------|-----------------|
| <b>Gross</b> | \$0  | \$0  | \$0  | \$0  | \$92,000 | <b>\$92,000</b> |
| <b>Net</b>   | \$0  | \$0  | \$0  | \$0  | \$0      | <b>\$0</b>      |

**7. Consequences/Implications of Not Undertaking Project (including alternatives):**

Sprinklers have been proven to save lives and reduce damage due to fire and smoke. These must be installed by 2025 as per fire legislation.

**8. Identify Sources and Amounts of Funding**

|              | From Reserve -<br>Rockwood<br>Terrace Reserve |
|--------------|-----------------------------------------------|
| 2018         | \$0                                           |
| 2019         | \$0                                           |
| 2020         | \$0                                           |
| 2021         | \$92,000                                      |
| 2022         | \$0                                           |
| <b>Total</b> | <b>\$92,000</b>                               |

**9. Compliance with Council objective/strategic plan (if applicable):**

Capital investment complies with Goal 1-Expanding the prosperity base.

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

1. **Department / Function:** **Rockwood Terrace**  
**Details of Project/Study:** **Balcony Upgrades**

2. **Total Gross Cost of Proposed Capital Project/Study:** \$26,200

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              | \$26,200              |           |                 |

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018 | 2019 | 2020 | 2021     | 2022 | Total           |
|--------------|------|------|------|----------|------|-----------------|
| <b>Gross</b> | \$0  | \$0  | \$0  | \$26,200 | \$0  | <b>\$26,200</b> |
| <b>Net</b>   | \$0  | \$0  | \$0  | \$0      | \$0  | <b>\$0</b>      |

3. **Estimated Useful Life:** 20 years

4. **Location of Project/Study (if applicable):**

| Facility Name / Address | Municipality |
|-------------------------|--------------|
|-------------------------|--------------|

5. **Need or Benefit(s) of Project (including safety issues):**

The balconies have been assessed by GM BluePlan Engineering Limited who recommend a refurbishment of the balconies in 2021.

6. **Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:**

|              | 2017 | 2018 | 2019 | 2020 | 2021     | Total           |
|--------------|------|------|------|------|----------|-----------------|
| <b>Gross</b> | \$0  | \$0  | \$0  | \$0  | \$26,200 | <b>\$26,200</b> |
| <b>Net</b>   | \$0  | \$0  | \$0  | \$0  | \$0      | <b>\$0</b>      |

7. **Consequences/Implications of Not Undertaking Project (including alternatives):**

Health and Safety.

8. **Identify Sources and Amounts of Funding**

|              | From Reserve -<br>Rockwood<br>Terrace Reserve |
|--------------|-----------------------------------------------|
| 2018         | \$0                                           |
| 2019         | \$0                                           |
| 2020         | \$0                                           |
| 2021         | \$26,200                                      |
| 2022         | \$0                                           |
| <b>Total</b> | <b>\$26,200</b>                               |

9. **Compliance with Council objective/strategic plan (if applicable):**

10. **Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

**1. Department / Function: Rockwood Terrace**

**Details of Project/Study: Replacement of Fire Pumps**

**2. Total Gross Cost of Proposed Capital Project/Study: \$54,855**

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              |                       | \$54,855  |                 |

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018 | 2019 | 2020 | 2021     | 2022 | Total           |
|--------------|------|------|------|----------|------|-----------------|
| <b>Gross</b> | \$0  | \$0  | \$0  | \$54,855 | \$0  | <b>\$54,855</b> |
| <b>Net</b>   | \$0  | \$0  | \$0  | \$54,855 | \$0  | <b>\$54,855</b> |

**3. Estimated Useful Life: 30-35 Years**

**4. Location of Project/Study (if applicable):**

| Facility Name / Address | Municipality              |
|-------------------------|---------------------------|
| Rockwood Terrace        | Municipality of West Grey |

**5. Need or Benefit(s) of Project (including safety issues):**

The fire pumps (3) are original to the building construction. These pumps are nearing the end of expected service life as identified in the 2011 Building Condition Assessment and Reserve Fund Study.

**6. Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:**

|              | 2017 | 2018 | 2019 | 2020 | 2021     | Total           |
|--------------|------|------|------|------|----------|-----------------|
| <b>Gross</b> | \$0  | \$0  | \$0  | \$0  | \$54,855 | <b>\$54,855</b> |
| <b>Net</b>   | \$0  | \$0  | \$0  | \$0  | \$54,855 | <b>\$54,855</b> |

**7. Consequences/Implications of Not Undertaking Project (including alternatives):**

Failure to replace these pumps could result in them not operating properly or at all in the case of an emergency.

**8. Identify Sources and Amounts of Funding**

|              | Taxation        |
|--------------|-----------------|
| 2018         | \$0             |
| 2019         | \$0             |
| 2020         | \$0             |
| 2021         | \$54,855        |
| 2022         | \$0             |
| <b>Total</b> | <b>\$54,855</b> |

**9. Compliance with Council objective/strategic plan (if applicable):**

This capital investment would comply with Goal 1-Expanding the prosperity base.

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

The home is required to provide a safe environment for residents and staff. Financial liability and injury to residents and staff could result from inoperable equipment at the time of an emergency. Inoperable pumps may also be a violation of the Fire Code.

**1. Department / Function: Rockwood Terrace**

**Details of Project/Study: Transfer To Reserve (BCA) Capital Asset Repairs & Replacement**

**2. Total Gross Cost of Proposed Capital Project/Study: \$887,568**

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              |                       |           | \$887,568       |

Transfer to reserve to fund future capital repairs

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018    | 2019      | 2020      | 2021      | 2022      | Total            |
|--------------|---------|-----------|-----------|-----------|-----------|------------------|
| <b>Gross</b> | \$7,559 | \$168,110 | \$218,648 | \$240,328 | \$252,923 | <b>\$887,568</b> |
| <b>Net</b>   | \$7,559 | \$168,110 | \$218,648 | \$240,328 | \$252,923 | <b>\$887,568</b> |

**3. Estimated Useful Life:** Ongoing for the life of the building

**4. Location of Project/Study (if applicable):**

| Facility Name / Address             | Municipality              |
|-------------------------------------|---------------------------|
| 557 Saddler Street East, Durham, ON | Municipality of West Grey |

**5. Need or Benefit(s) of Project (including safety issues):**

All buildings soon show signs of aging, and it is important that a plan be established to build funding for the capital maintenance and repairs which will eventually become necessary for the facility, its equipment, and site. As recommended in the 2011 Building Condition Assessment Study, sufficient annual contributions need to be made to reserve in order to ensure adequate funds are available for the replacement of building and equipment components when they reach the end of their lifecycles.

**6. Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:**

|              | 2017     | 2018      | 2019      | 2020      | 2021      | Total            |
|--------------|----------|-----------|-----------|-----------|-----------|------------------|
| <b>Gross</b> | \$17,549 | \$117,759 | \$177,610 | \$263,648 | \$205,118 | <b>\$781,684</b> |
| <b>Net</b>   | \$17,549 | \$117,759 | \$177,610 | \$263,648 | \$205,118 | <b>\$781,684</b> |

**7. Consequences/Implications of Not Undertaking Project (including alternatives):**

If this project does not proceed, there could be mechanical or structural failures to major components of the building. Not having sufficient funds being set aside will have serious impact on budgets.

**8. Identify Sources and Amounts of Funding**

|      | To Reserve -<br>Rockwood<br>Terrace Reserve |
|------|---------------------------------------------|
| 2018 | \$7,559                                     |
| 2019 | \$168,110                                   |
| 2020 | \$218,648                                   |
| 2021 | \$240,328                                   |
| 2022 | \$252,923                                   |

|              |                  |
|--------------|------------------|
| <b>Total</b> | <b>\$887,568</b> |
|--------------|------------------|

**9. Compliance with Council objective/strategic plan (if applicable):**

1.6 Accelerate the commitment to lifecycle planning for long term investment in county owned capital assets.

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

The potential for loss of operations, loss of revenue, ministry enforcement and poor marketability.



**SUMMARY OF FIVE YEAR CAPITAL &  
EXTRA-ORDINARY EXPENDITURES**  
Long Term Care Redevelopment

| PROJECT                                                            | 2017<br>Approved<br>Budget | 2018-2022 Five Year Capital & Extra-Ordinary Expenditures |                  |                  |                  |                  |                  |
|--------------------------------------------------------------------|----------------------------|-----------------------------------------------------------|------------------|------------------|------------------|------------------|------------------|
|                                                                    |                            | 2018                                                      | 2019             | 2020             | 2021             | 2022             | TOTAL            |
| <b>Redevelopment Project</b>                                       |                            |                                                           |                  | 36,800,000       |                  |                  | 36,800,000       |
| To Reserve - Rockwood Terrace Reserve                              | 1,361,010                  | 1,361,010                                                 | 1,361,010        |                  |                  |                  | 2,722,020        |
| Other (Specify) - Reserve & Sale of Asset                          |                            |                                                           |                  | (9,300,000)      |                  |                  | (9,300,000)      |
| Debenture                                                          |                            |                                                           |                  | (27,500,000)     |                  |                  | (27,500,000)     |
| Debenture Payment - Less MOHLTC & Preferred Accommodation Funding. |                            |                                                           |                  | 1,316,093        | 1,316,093        | 1,316,093        | 3,948,279        |
| <b>NET LEVY REQUIREMENTS</b>                                       | <b>1,361,010</b>           | <b>1,361,010</b>                                          | <b>1,361,010</b> | <b>1,316,093</b> | <b>1,316,093</b> | <b>1,316,093</b> | <b>6,670,299</b> |

1. **Department / Function:** Long Term Care Redevelopment  
**Details of Project/Study:** Redevelopment Project

2. **Total Gross Cost of Proposed Capital Project/Study:** \$36,800,000

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
| \$36,800,000 |                       |           |                 |

A Redevelopment Discussion presentation prepared by Sienna Senior Living identified three options for the redevelopment of Rockwood Terrace, a 100 bed home. As a decision on the preferred option has not yet been made; for the purposes of the 5 Year Capital Forecast, staff has used scenario of rebuilding 160 beds on a new site in the Municipality of West Grey.

It is estimated that construction would occur over two years with occupancy in the third year; it is assumed that construction would occur in 2018-2019 with occupancy in 2020.

Redevelopment is estimated to cost \$230,000 per bed (\$36,800,000 - 160 beds); with proceeds from the sale of Grey Gables and reserve funding available for the project, with the remaining \$27,500,000 funded by the issuing a debenture (calculations currently based on issuing one debenture but possible that borrowing will be split over two debenture issues as was the case with Lee Manor).

Upon project completion, the redevelopment would receive construction funding from the Ministry for 25 years (beginning in 2020) totaling \$635,100 per year. A transfer to reserve of \$746,690 began in 2015 (represents funds required for first Lee Manor debenture that was paid off in 2014) and increased to \$1,361,010 in 2017 as the second Lee Manor debenture was fully paid in 2016. The funds are shown as transferred to reserve until such time as a redevelopment decision is made and it is determined the funds are required for this project or alternately, to assist the County in addressing the funding of asset management.

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018        | 2019        | 2020         | 2021        | 2022        | Total               |
|--------------|-------------|-------------|--------------|-------------|-------------|---------------------|
| <b>Gross</b> | \$1,361,010 | \$1,361,010 | \$38,116,093 | \$1,316,093 | \$1,316,093 | <b>\$43,470,299</b> |
| <b>Net</b>   | \$1,361,010 | \$1,361,010 | \$1,316,093  | \$1,316,093 | \$1,316,093 | <b>\$6,670,299</b>  |

3. **Estimated Useful Life:** 25 Years

4. **Location of Project/Study (if applicable):**

| Facility Name / Address | Municipality              |
|-------------------------|---------------------------|
|                         | Municipality of West Grey |

5. **Need or Benefit(s) of Project (including safety issues):**

Although the home has been well maintained through a capital improvement plan, the Ministry classifies Rockwood Terrace (built in 1985) as a "B" rated home and as such, it must be brought to an "A" or "A Retrofit" design standard by December 31, 2025 or turn the beds back to the Ministry at that time.

6. **Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:**

|              | 2017        | 2018        | 2019        | 2020         | 2021      | Total               |
|--------------|-------------|-------------|-------------|--------------|-----------|---------------------|
| <b>Gross</b> | \$1,361,010 | \$1,361,010 | \$1,361,010 | \$23,611,946 | \$611,946 | <b>\$28,306,922</b> |
| <b>Net</b>   | \$1,361,010 | \$1,361,010 | \$1,361,010 | \$611,946    | \$611,946 | <b>\$5,306,922</b>  |

**7. Consequences/Implications of Not Undertaking Project (including alternatives):**

If Rockwood Terrace is not redeveloped to meet the "A" or "A Retrofit" design standard by December 31, 2025, the beds will be turned back to the Ministry. This would result in 100 residents being displaced from the community; if Grey County does not choose to redevelop the home, there is no assurance from the Ministry that the beds would remain in Grey County.

**8. Identify Sources and Amounts of Funding**

|              | <b>To Reserve -<br/>Rockwood<br/>Terrace Reserve</b> | <b>Debenture<br/>Payment - Less<br/>MOHLTC &amp;<br/>Preferred<br/>Accommodation<br/>Funding.</b> | <b>Other (Specify)<br/>- Reserve &amp;<br/>Sale of Asset</b> | <b>Debenture</b>    |
|--------------|------------------------------------------------------|---------------------------------------------------------------------------------------------------|--------------------------------------------------------------|---------------------|
| 2018         | \$1,361,010                                          | \$0                                                                                               | \$0                                                          | \$0                 |
| 2019         | \$1,361,010                                          | \$0                                                                                               | \$0                                                          | \$0                 |
| 2020         | \$0                                                  | \$1,316,093                                                                                       | \$9,300,000                                                  | \$27,500,000        |
| 2021         | \$0                                                  | \$1,316,093                                                                                       | \$0                                                          | \$0                 |
| 2022         | \$0                                                  | \$1,316,093                                                                                       | \$0                                                          | \$0                 |
| <b>Total</b> | <b>\$2,722,020</b>                                   | <b>\$3,948,279</b>                                                                                | <b>\$9,300,000</b>                                           | <b>\$27,500,000</b> |

**9. Compliance with Council objective/strategic plan (if applicable):**

This capital investment complies with Goal 1-Expanding the prosperity base.

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

Debenture Payment presented net of MOHLTC Construction Funding. Does not include any Administrative Savings and/or Preferred Accommodation Funding \$1,951,193 Debenture Payment, less \$635,100 MOHLTC Construction Funding for a net amount of \$1,316,093,



**SUMMARY OF FIVE YEAR CAPITAL &  
EXTRA-ORDINARY EXPENDITURES**  
Transportation and Public Safety Summary

| COMMITTEE/FUNCTION                          | 2017<br>Approved<br>Budget | 2018-2022 Five Year Capital & Extra-Ordinary Expenditures |                  |                   |                   |                   |                   |
|---------------------------------------------|----------------------------|-----------------------------------------------------------|------------------|-------------------|-------------------|-------------------|-------------------|
|                                             |                            | 2018                                                      | 2019             | 2020              | 2021              | 2022              | TOTAL             |
| Construction, Resurfacing and Minor Capital | 7,252,262                  | 7,593,541                                                 | 7,962,601        | 8,357,292         | 8,774,829         | 9,206,612         | 41,894,875        |
| Machinery                                   | 675,000                    | 722,000                                                   | 769,000          | 816,000           | 863,000           | 910,000           | 4,080,000         |
| Housing                                     | 300,000                    | 300,000                                                   | 300,000          | 300,000           | 300,000           | 300,000           | 1,500,000         |
| Paramedic Services                          | 552,541                    | 567,896                                                   | 583,585          | 599,617           | 615,999           | 632,741           | 2,999,838         |
| Paramedic Services - Debenture Payments     | 47,411                     | 56,093                                                    | 56,093           | 56,093            | 56,093            | 56,093            | 280,465           |
| <b>NET LEVY REQUIREMENTS</b>                | <b>8,827,214</b>           | <b>9,239,530</b>                                          | <b>9,671,279</b> | <b>10,129,002</b> | <b>10,609,921</b> | <b>11,105,446</b> | <b>50,755,178</b> |



**SUMMARY OF FIVE YEAR CAPITAL &  
EXTRA-ORDINARY EXPENDITURES**  
Construction, Resurfacing and Minor Capital

| PROJECT                                                                                | 2017<br>Approved<br>Budget | 2018-2022 Five Year Capital & Extra-Ordinary Expenditures |          |          |          |          |           |
|----------------------------------------------------------------------------------------|----------------------------|-----------------------------------------------------------|----------|----------|----------|----------|-----------|
|                                                                                        |                            | 2018                                                      | 2019     | 2020     | 2021     | 2022     | TOTAL     |
| Minor Capital                                                                          | 600,000                    | 600,000                                                   | 600,000  | 600,000  | 600,000  | 600,000  | 3,000,000 |
| Major Bridge and Culvert Repairs                                                       | 470,000                    | 470,000                                                   | 470,000  | 470,000  | 470,000  | 470,000  | 2,350,000 |
| Catch Basin Repair                                                                     | 30,000                     | 30,000                                                    | 30,000   | 30,000   | 30,000   | 30,000   | 150,000   |
| Pre-Engineering Costs for Capital Projects                                             | 310,000                    | 316,000                                                   | 323,000  | 329,000  | 336,000  | 342,000  | 1,646,000 |
| Inspection and Quality Assurance for Capital Projects                                  |                            | 370,000                                                   | 377,000  | 385,000  | 393,000  | 400,000  | 1,925,000 |
| 5 Year Bridge Designs                                                                  | 50,000                     | 100,000                                                   | 100,000  | 100,000  | 100,000  | 100,000  | 500,000   |
| From Reserve - Transportation General                                                  |                            | (50,000)                                                  | (50,000) | (50,000) | (50,000) | (50,000) | (250,000) |
| Structure Detailed Investigations                                                      | 50,000                     | 50,000                                                    | 50,000   | 50,000   | 50,000   | 50,000   | 250,000   |
| Traffic Signal Upgrades                                                                | 75,000                     | 75,000                                                    | 75,000   | 75,000   | 75,000   | 75,000   | 375,000   |
| From Reserve - Traffic Light                                                           |                            | (20,000)                                                  | (20,000) | (20,000) | (20,000) | (20,000) | (100,000) |
| Grey Road 1 Mill and Pave: 14th Street West - 10th Street West (1075)                  |                            | 125,000                                                   |          |          |          |          | 125,000   |
| Grey Road 3 and Grey Road 16 Intersection Improvements - Keady (16006,16009,3057,3058) |                            | 1,500,000                                                 |          |          |          |          | 1,500,000 |
| From Reserve - DC Category 2                                                           |                            | (892,818)                                                 |          |          |          |          | (892,818) |
| Grey Road 4 - Lambton St to Highway 6 in Durham (4036 - 4042)                          |                            | 350,000                                                   |          |          |          |          | 350,000   |
| From Reserve - Durham Road Reserve                                                     |                            | (45,162)                                                  |          |          |          |          | (45,162)  |
| Grey Road 10 - Hanover - 12th St. to 16th St. (10030)                                  |                            | 500,000                                                   |          |          |          |          | 500,000   |
| Grey Road 15 Rehabilitation - 18th Street to Water Treatment Plant (15027-part 15030)  |                            | 500,000                                                   |          |          |          |          | 500,000   |

| PROJECT                                                                                                                       | 2017<br>Approved<br>Budget | 2018-2022 Five Year Capital & Extra-Ordinary Expenditures |           |      |      |      |             |
|-------------------------------------------------------------------------------------------------------------------------------|----------------------------|-----------------------------------------------------------|-----------|------|------|------|-------------|
|                                                                                                                               |                            | 2018                                                      | 2019      | 2020 | 2021 | 2022 | TOTAL       |
| <b>Grey Road 16 Pulverize &amp; Pave<br/>Rehabilitation: 530m East of Grey<br/>Road 3 - Concession 5/6 (16012-<br/>16015)</b> |                            | 1,106,915                                                 |           |      |      |      | 1,106,915   |
| From Reserve - Federal Gas Tax                                                                                                |                            | (700,000)                                                 |           |      |      |      | (700,000)   |
| <b>Grey Road 17 Pulverize &amp; Pave<br/>Rehabilitation: Concession 20<br/>Wolseley - Highway 6 (17013-17021)</b>             |                            | 2,654,058                                                 |           |      |      |      | 2,654,058   |
| From Reserve - DC Category 3                                                                                                  |                            | (1,164,765)                                               |           |      |      |      | (1,164,765) |
| Fed/Prov Grants - OCIF                                                                                                        |                            | (812,809)                                                 |           |      |      |      | (812,809)   |
| <b>Grey Road 32 Pulverize &amp; Pave<br/>Rehabilitation/Reconstruction:<br/>Highway 10 - Grey Road 30 (32003-<br/>32006)</b>  |                            | 2,000,000                                                 |           |      |      |      | 2,000,000   |
| From Reserve - Federal Gas Tax                                                                                                |                            | (900,000)                                                 |           |      |      |      | (900,000)   |
| From Reserve - DC Category 3                                                                                                  |                            | (1,060,371)                                               |           |      |      |      | (1,060,371) |
| <b>Grey Road 40 Pulverize &amp; Pave: 700m<br/>east of Veterans Way north to Grey<br/>Road 12 (40036-40051)</b>               |                            | 3,550,800                                                 |           |      |      |      | 3,550,800   |
| From Reserve - Federal Gas Tax                                                                                                |                            | (1,100,000)                                               |           |      |      |      | (1,100,000) |
| From Reserve - DC Category 3                                                                                                  |                            | (1,558,307)                                               |           |      |      |      | (1,558,307) |
| <b>Grey Road 112 Pulverize &amp; Pave<br/>Rehabilitation: Highway 26 - Meaford<br/>Tank Range (112006-112012)</b>             |                            | 1,350,000                                                 |           |      |      |      | 1,350,000   |
| <b>Grey Road 124 Microsurfacing:<br/>Singhampton to Dufferin County Line<br/>(124003 - 124015)</b>                            |                            | 500,000                                                   |           |      |      |      | 500,000     |
| Partners - Simcoe County                                                                                                      |                            | (250,000)                                                 |           |      |      |      | (250,000)   |
| <b>Structures 10590 &amp; 10900 Grey Road<br/>10 Near Concession 8</b>                                                        |                            | 900,000                                                   |           |      |      |      | 900,000     |
| From Reserve - Transportation General                                                                                         |                            | (450,000)                                                 |           |      |      |      | (450,000)   |
| Partners - Bruce County                                                                                                       |                            | (450,000)                                                 |           |      |      |      | (450,000)   |
| <b>Grey Road 2 Pulverize &amp; Pave<br/>Rehabilitation: Grey Road 19 - Grey<br/>Road 119 (2030-2036)</b>                      |                            |                                                           | 888,960   |      |      |      | 888,960     |
| From Reserve - Federal Gas Tax                                                                                                |                            |                                                           | (600,000) |      |      |      | (600,000)   |

| PROJECT                                                                                                                                                                                                  | 2017<br>Approved<br>Budget | 2018-2022 Five Year Capital & Extra-Ordinary Expenditures |                                                    |      |      |      |                                                    |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|-----------------------------------------------------------|----------------------------------------------------|------|------|------|----------------------------------------------------|
|                                                                                                                                                                                                          |                            | 2018                                                      | 2019                                               | 2020 | 2021 | 2022 | TOTAL                                              |
| Grey Road 3 Pulverize and Pave<br>Rehabilitation: 200m north of Grey<br>Road 16 - Grey Road 5 West Jct.<br>(3060)                                                                                        |                            |                                                           | 822,960                                            |      |      |      | 822,960                                            |
| Grey Road 3 Pulverize & Pave<br>Rehabilitation: West Jct. Grey Road 5 -<br>East Jct. Grey Road 5 (3063)                                                                                                  |                            |                                                           | 244,320                                            |      |      |      | 244,320                                            |
| Grey Road 4, Intersection<br>Improvements and Signals: 10th<br>Street at 18th Avenue, Hanover<br>From Reserve - DC Category 4                                                                            |                            |                                                           | 200,000<br>(115,290)                               |      |      |      | 200,000<br>(115,290)                               |
| Grey Road 5 Pulverize & Pave<br>Rehabilitation: 0.6 km West of Grey<br>Road 3 to Grey Road 3 (5005)                                                                                                      |                            |                                                           | 150,000                                            |      |      |      | 150,000                                            |
| Grey Road 7 Pulverize & Pave<br>Rehabilitation: Grey Road 40 - 4<br>Sideroad (7015-7018)                                                                                                                 |                            |                                                           | 900,000                                            |      |      |      | 900,000                                            |
| Grey Road 9 Reconstruction:<br>Artemesia Street - Highway 10 (9054-<br>9057)<br>From Reserve - DC Category 4                                                                                             |                            |                                                           | 590,000<br>(57,645)                                |      |      |      | 590,000<br>(57,645)                                |
| Grey Road 15 Pulverize & Pave<br>Rehabilitation: Tom Thomson Lane -<br>4.1 km North of Highway 26, South<br>Limit Annan (15060-15067)                                                                    |                            |                                                           | 576,960                                            |      |      |      | 576,960                                            |
| Grey Road 15 Pulverize & Pave<br>Rehabilitation: 3rd Ave - 3.3 km North<br>of Owen Sound (15033-15048)<br>From Reserve - Federal Gas Tax<br>From Reserve - DC Category 2<br>From Reserve - DC Category 3 |                            |                                                           | 2,500,000<br>(1,150,000)<br>(284,126)<br>(295,528) |      |      |      | 2,500,000<br>(1,150,000)<br>(284,126)<br>(295,528) |
| Grey Road 16 Pulverize & Pave<br>Rehabilitation: Grey Road 10 - 300m<br>west of Grey Road 3 (16003)<br>From Reserve - Federal Gas Tax                                                                    |                            |                                                           | 1,100,000<br>(700,000)                             |      |      |      | 1,100,000<br>(700,000)                             |
| Grey Road 17B Pulverize and Pave<br>Rehabilitation: Highway 21 to Grey<br>Road 17 (17B006-17B012)                                                                                                        |                            |                                                           | 3,000,000                                          |      |      |      | 3,000,000                                          |

| PROJECT                                                                                                         | 2017<br>Approved<br>Budget | 2018-2022 Five Year Capital & Extra-Ordinary Expenditures |             |             |      |      |             |
|-----------------------------------------------------------------------------------------------------------------|----------------------------|-----------------------------------------------------------|-------------|-------------|------|------|-------------|
|                                                                                                                 |                            | 2018                                                      | 2019        | 2020        | 2021 | 2022 | TOTAL       |
| From Reserve - DC Category 1                                                                                    |                            |                                                           | (1,469,713) |             |      |      | (1,469,713) |
| From Reserve - Federal Gas Tax                                                                                  |                            |                                                           | (550,000)   |             |      |      | (550,000)   |
| From Reserve - DC Category 2                                                                                    |                            |                                                           | (224,175)   |             |      |      | (224,175)   |
| From Reserve - DC Category 5                                                                                    |                            |                                                           | (119,560)   |             |      |      | (119,560)   |
| <b>Structure 109-353 Grey Road 109<br/>Holstein</b>                                                             |                            |                                                           | 1,850,000   |             |      |      | 1,850,000   |
| Fed/Prov Grants - OCIF                                                                                          |                            |                                                           | (1,249,562) |             |      |      | (1,249,562) |
| <b>Grey Road 4 and Grey Road 3<br/>Intersection Improvements</b>                                                |                            |                                                           |             | 500,000     |      |      | 500,000     |
| From Reserve - DC Category 4                                                                                    |                            |                                                           |             | (172,935)   |      |      | (172,935)   |
| <b>Grey Road 4 Pulverize and Pave<br/>Rehabilitation: 1 km West of Grey<br/>Road 3 - Grey Road 3 (4022)</b>     |                            |                                                           |             | 300,000     |      |      | 300,000     |
| <b>Grey Road 4 Reconstruction: Highway<br/>6 to George Street(4045-4048)</b>                                    |                            |                                                           |             | 653,000     |      |      | 653,000     |
| <b>Grey Road 5 Reconstruction: 1st<br/>Street SW - 1st Street East (Harrison<br/>Park Entrance) (5024-5027)</b> |                            |                                                           |             | 1,500,000   |      |      | 1,500,000   |
| From Reserve - DC Category 2                                                                                    |                            |                                                           |             | (1,054,425) |      |      | (1,054,425) |
| <b>Grey Road 5 Reconstruction - 7th St<br/>SW to 1st Street SW (5021)</b>                                       |                            |                                                           |             | 1,500,000   |      |      | 1,500,000   |
| From Reserve - DC Category 2                                                                                    |                            |                                                           |             | (989,864)   |      |      | (989,864)   |
| <b>Grey Road 9 Pulverize and Pave<br/>Rehabilitation:Grey Road 109 to Grey<br/>Road 23 (9030)</b>               |                            |                                                           |             | 2,000,000   |      |      | 2,000,000   |
| Fed/Prov Grants - OCIF                                                                                          |                            |                                                           |             | (1,249,562) |      |      | (1,249,562) |
| <b>Grey Road 9 Rehabilitation:<br/>Melancthon-Osprey Townline - Grey<br/>Road 124 (9060-9069)</b>               |                            |                                                           |             | 2,150,000   |      |      | 2,150,000   |
| From Reserve - Federal Gas Tax                                                                                  |                            |                                                           |             | (1,200,000) |      |      | (1,200,000) |
| Partners - Dufferin County                                                                                      |                            |                                                           |             | (387,360)   |      |      | (387,360)   |
| <b>Grey Road 11 Pulverize &amp; Pave<br/>Rehabilitation: 500m South of<br/>Highway 26 - Highway 26 (11012)</b>  |                            |                                                           |             | 150,000     |      |      | 150,000     |
| <b>Grey Road 12 Double Lift Micro<br/>Markdale:Terra Drive to Lawler<br/>Drive(12015-12027)</b>                 |                            |                                                           |             | 110,000     |      |      | 110,000     |

| PROJECT                                                                                                                                              | 2017<br>Approved<br>Budget | 2018-2022 Five Year Capital & Extra-Ordinary Expenditures |      |             |             |      |             |
|------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|-----------------------------------------------------------|------|-------------|-------------|------|-------------|
|                                                                                                                                                      |                            | 2018                                                      | 2019 | 2020        | 2021        | 2022 | TOTAL       |
| Grey Road 13 Pulverize & Pave<br>Rehabilitation: Grey Road 4 - South<br>Limit of Eugenia (13003)                                                     |                            |                                                           |      | 500,000     |             |      | 500,000     |
| Grey Road 13 Pulverize and Pave:<br>Grey Road 40 to Clark St. (13054-<br>13060)                                                                      |                            |                                                           |      | 896,695     |             |      | 896,695     |
| From Reserve - Federal Gas Tax                                                                                                                       |                            |                                                           |      | (800,000)   |             |      | (800,000)   |
| Grey Road 19 Pulverize & Pave<br>Rehabilitation: The Blue<br>Mountains/Clearview Townline - Grey<br>Road 21 & Intersection Upgrades<br>(19024-19027) |                            |                                                           |      | 4,500,000   |             |      | 4,500,000   |
| From Reserve - Construction Reserve                                                                                                                  |                            |                                                           |      | (287,991)   |             |      | (287,991)   |
| From Reserve - DC Category 4                                                                                                                         |                            |                                                           |      | (1,279,266) |             |      | (1,279,266) |
| Partners - Simcoe and Collingwood                                                                                                                    |                            |                                                           |      | (2,250,000) |             |      | (2,250,000) |
| Structure 900-164 Glenelg Road 23                                                                                                                    |                            |                                                           |      | 1,100,000   |             |      | 1,100,000   |
| From Reserve - Federal Gas Tax                                                                                                                       |                            |                                                           |      | (900,000)   |             |      | (900,000)   |
| Structure 009-900 Grey Road 9 Lot 13,<br>Conc XIII/XIV, Normanby                                                                                     |                            |                                                           |      | 1,100,000   |             |      | 1,100,000   |
| Grey Road 2 Pulverize and Pave - 18th<br>Sideroad to 24th Sideroad (2045-2048)                                                                       |                            |                                                           |      |             | 900,000     |      | 900,000     |
| Grey Road 5 Intersection<br>Improvements: 6th Street East at 9th<br>Avenue East, Owen Sound                                                          |                            |                                                           |      |             | 150,000     |      | 150,000     |
| Grey Road 7 Pulverize and Pave<br>Rehabilitation: 2.8 km north of Grey<br>Road 13 to Sideroad 22B (7006,7009)                                        |                            |                                                           |      |             | 1,600,000   |      | 1,600,000   |
| Fed/Prov Grants - OCIF                                                                                                                               |                            |                                                           |      |             | (1,249,562) |      | (1,249,562) |
| Grey Road 10 Pulverize and Pave:<br>Highway 21 to Hepworth                                                                                           |                            |                                                           |      |             | 2,337,548   |      | 2,337,548   |
| Partners - Boundary Road with Bruce                                                                                                                  |                            |                                                           |      |             | (1,168,774) |      | (1,168,774) |
| Grey Road 15 Reconstruction: 10th<br>Street East - 18th Street (15015-15024)                                                                         |                            |                                                           |      |             | 1,500,000   |      | 1,500,000   |
| From Reserve - DC Category 4                                                                                                                         |                            |                                                           |      |             | (213,500)   |      | (213,500)   |
| From Reserve - DC Category 2                                                                                                                         |                            |                                                           |      |             | (165,517)   |      | (165,517)   |
| Partners - City of Owen Sound                                                                                                                        |                            |                                                           |      |             | (166,667)   |      | (166,667)   |

| PROJECT                                                                                                                                                      | 2017<br>Approved<br>Budget | 2018-2022 Five Year Capital & Extra-Ordinary Expenditures |      |      |             |             |             |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|-----------------------------------------------------------|------|------|-------------|-------------|-------------|
|                                                                                                                                                              |                            | 2018                                                      | 2019 | 2020 | 2021        | 2022        | TOTAL       |
| <b>Grey Road 17 Preventative Overlay:<br/>Grey Road 17A - Grey Road 170<br/>(17005-17008)</b>                                                                |                            |                                                           |      |      | 575,000     |             | 575,000     |
| From Reserve - Federal Gas Tax                                                                                                                               |                            |                                                           |      |      | (300,000)   |             | (300,000)   |
| <b>Grey Road 18 Pulverize &amp; Pave: Grey<br/>Road 11 - Grey Road 29 (18015 -<br/>18018)</b>                                                                |                            |                                                           |      |      | 1,988,780   |             | 1,988,780   |
| From Reserve - Federal Gas Tax                                                                                                                               |                            |                                                           |      |      | (1,550,000) |             | (1,550,000) |
| <b>Grey Road 30 Pulverize and Pave<br/>Rehabilitation: Lower Valley Road to<br/>Grey Road 13 (30006-30007)</b>                                               |                            |                                                           |      |      | 710,200     |             | 710,200     |
| From Reserve - DC Category 3                                                                                                                                 |                            |                                                           |      |      | (311,679)   |             | (311,679)   |
| <b>Grey Road 40 Pulverize and Pave<br/>Rehabilitation: Grey Road 3 -<br/>Concession 8 (40012-40015)</b>                                                      |                            |                                                           |      |      | 655,000     |             | 655,000     |
| <b>Structure 009-354 Grey Road 9</b>                                                                                                                         |                            |                                                           |      |      | 600,000     |             | 600,000     |
| <b>Structure 009-349 Grey Road 9</b>                                                                                                                         |                            |                                                           |      |      | 600,000     |             | 600,000     |
| <b>Structure 900-363 Euphrasia-St.<br/>Vincent Townline</b>                                                                                                  |                            |                                                           |      |      | 1,000,000   |             | 1,000,000   |
| From Reserve - Federal Gas Tax                                                                                                                               |                            |                                                           |      |      | (700,000)   |             | (700,000)   |
| <b>Grey Road 1 Ciream and Pave: East<br/>Linton Sideroad - Owen Sound (1051-<br/>1063)</b>                                                                   |                            |                                                           |      |      |             | 1,350,000   | 1,350,000   |
| <b>Grey Road 4 Cold-In-Place<br/>Rehabilitation/Reconstruction:<br/>Concession 2 - Grey Road 23 (4057)</b>                                                   |                            |                                                           |      |      |             | 2,300,000   | 2,300,000   |
| From Reserve - Federal Gas Tax                                                                                                                               |                            |                                                           |      |      |             | (2,000,000) | (2,000,000) |
| <b>Grey Road 9 Pulverize &amp; Pave<br/>Rehabilitation: Grey Road 23 -<br/>Southgate Sideroad 13 (9032-9040)</b>                                             |                            |                                                           |      |      |             | 2,750,000   | 2,750,000   |
| From Reserve - Federal Gas Tax                                                                                                                               |                            |                                                           |      |      |             | (850,000)   | (850,000)   |
| From Reserve - Transportation General                                                                                                                        |                            |                                                           |      |      |             | (250,000)   | (250,000)   |
| <b>Grey Road 10 Reconstruction: South<br/>Limit of Elmwood (Parker Street) -<br/>North Limit of Elmwood (300 m North<br/>of Church Street) (10045-10048)</b> |                            |                                                           |      |      |             | 533,643     | 533,643     |
| From Reserve - DC Category 2                                                                                                                                 |                            |                                                           |      |      |             | (57,647)    | (57,647)    |

| PROJECT                                                                                                                                     | 2017<br>Approved<br>Budget | 2018-2022 Five Year Capital & Extra-Ordinary Expenditures |      |      |      |             |             |
|---------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|-----------------------------------------------------------|------|------|------|-------------|-------------|
|                                                                                                                                             |                            | 2018                                                      | 2019 | 2020 | 2021 | 2022        | TOTAL       |
| Partners - Bruce County Share                                                                                                               |                            |                                                           |      |      |      | (266,822)   | (266,822)   |
| <b>Grey Road 14 Pulverize and Pave:800 m south of Southgate Road 14 to Cedarville west limits (14006-14015)</b>                             |                            |                                                           |      |      |      | 1,800,000   | 1,800,000   |
| <b>Grey Road 17 Pulverize and Pave Rehabilitation: Concession 14 to Wolseley(17011, 17012, 17013)</b>                                       |                            |                                                           |      |      |      | 1,500,000   | 1,500,000   |
| Fed/Prov Grants - OCIF                                                                                                                      |                            |                                                           |      |      |      | (1,249,562) | (1,249,562) |
| <b>Grey Road 29 Pulverize and Pave Rehabilitation; 200m south of Church St. to Walters Falls to Holland Sydenham Townline (29006-29015)</b> |                            |                                                           |      |      |      | 700,000     | 700,000     |
| <b>Structure 040-086 Grey Road 40</b>                                                                                                       |                            |                                                           |      |      |      | 950,000     | 950,000     |
| <b>Grey Road 18 Pulverize &amp; Pave/Cold-In-Place Rehabilitation: Highway 21 - Grey Road 5 (18003-18006)</b>                               | 1,600,000                  |                                                           |      |      |      |             |             |
| From Reserve - DC Category 2                                                                                                                | (332,741)                  |                                                           |      |      |      |             |             |
| Fed/Prov Grants - OCIF Grant                                                                                                                | (573,710)                  |                                                           |      |      |      |             |             |
| <b>Grey Road 25 Pulverize &amp; Pave Rehabilitation: Grey Road 3 - Highway 6 (25006-25015)</b>                                              | 1,500,000                  |                                                           |      |      |      |             |             |
| From Reserve - Federal Gas Tax                                                                                                              | (300,000)                  |                                                           |      |      |      |             |             |
| From Reserve - DC Category 3                                                                                                                | (646,771)                  |                                                           |      |      |      |             |             |
| From Reserve - Transportation General                                                                                                       | (125,000)                  |                                                           |      |      |      |             |             |
| <b>Grey Road 119 Pulverize &amp; Pave Rehabilitation: Grey Road 2 - 4th Line (119018-119021)</b>                                            | 3,500,000                  |                                                           |      |      |      |             |             |
| From Reserve - Construction Reserve                                                                                                         | (600,000)                  |                                                           |      |      |      |             |             |
| From Reserve - Federal Gas Tax                                                                                                              | (1,345,000)                |                                                           |      |      |      |             |             |
| From Reserve - DC Category 3                                                                                                                | (477,399)                  |                                                           |      |      |      |             |             |
| <b>Grey Road 112 Structure 112-900: 1 km north of Highway 26</b>                                                                            | 1,300,000                  |                                                           |      |      |      |             |             |
| <b>Grey Road 18 Structures 018118 &amp; 018376: North &amp; South of Grey Road 5</b>                                                        | 1,900,000                  |                                                           |      |      |      |             |             |

| PROJECT                                                                  | 2017<br>Approved<br>Budget | 2018-2022 Five Year Capital & Extra-Ordinary Expenditures |                  |                  |                  |                  |                   |
|--------------------------------------------------------------------------|----------------------------|-----------------------------------------------------------|------------------|------------------|------------------|------------------|-------------------|
|                                                                          |                            | 2018                                                      | 2019             | 2020             | 2021             | 2022             | TOTAL             |
| Grey Road 119 Hot Mix Overlay: Grey Road 13 - Grey Road 2(119003-119015) | 1,210,000                  |                                                           |                  |                  |                  |                  |                   |
| From Reserve - Federal Gas Tax                                           | (414,094)                  |                                                           |                  |                  |                  |                  |                   |
| From Reserve - DC Category 3                                             | (531,023)                  |                                                           |                  |                  |                  |                  |                   |
| <b>Surveying Equipment</b>                                               | 40,000                     |                                                           |                  |                  |                  |                  |                   |
| From Reserve - Transportation General                                    | (40,000)                   |                                                           |                  |                  |                  |                  |                   |
| <b>Solar Powered Flashing Lights</b>                                     | 111,000                    |                                                           |                  |                  |                  |                  |                   |
| From Reserve - Transportation General                                    | (111,000)                  |                                                           |                  |                  |                  |                  |                   |
| <b>Traffic Signal Engineering</b>                                        | 3,000                      |                                                           |                  |                  |                  |                  |                   |
| <b>NET LEVY REQUIREMENTS</b>                                             | <b>7,252,262</b>           | <b>7,593,541</b>                                          | <b>7,962,601</b> | <b>8,357,292</b> | <b>8,774,829</b> | <b>9,206,612</b> | <b>41,894,875</b> |

1. **Department / Function: Construction, Resurfacing and Minor Capital -**  
**Details of Project/Study: Minor Capital**

2. **Total Gross Cost of Proposed Capital Project/Study: \$3,000,000**

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              | \$3,000,000           |           |                 |

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018      | 2019      | 2020      | 2021      | 2022      | Total              |
|--------------|-----------|-----------|-----------|-----------|-----------|--------------------|
| <b>Gross</b> | \$600,000 | \$600,000 | \$600,000 | \$600,000 | \$600,000 | <b>\$3,000,000</b> |
| <b>Net</b>   | \$600,000 | \$600,000 | \$600,000 | \$600,000 | \$600,000 | <b>\$3,000,000</b> |

3. **Estimated Useful Life: 15-20 years**

4. **Location of Project/Study (if applicable):**

| Facility Name / Address | Municipality |
|-------------------------|--------------|
|-------------------------|--------------|

5. **Need or Benefit(s) of Project (including safety issues):**

Approximately 1/2 of the budget figure is typically used for spot improvements and base repairs (limited scope road repairs) for projects not in the 5 year capital plan. Also utilize approximately 1/3 of the minor capital funds for the guiderail upgrade tender released yearly. The remaining funds are typically used for limited urban area repairs, drainage improvements (ie bank erosion protection), unforeseen projects where deterioration is more severe than anticipated and any land acquisition opportunities which may arise.

6. **Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:**

|              | 2017      | 2018      | 2019      | 2020      | 2021      | Total              |
|--------------|-----------|-----------|-----------|-----------|-----------|--------------------|
| <b>Gross</b> | \$600,000 | \$600,000 | \$600,000 | \$600,000 | \$600,000 | <b>\$3,000,000</b> |
| <b>Net</b>   | \$600,000 | \$600,000 | \$600,000 | \$600,000 | \$600,000 | <b>\$3,000,000</b> |

7. **Consequences/Implications of Not Undertaking Project (including alternatives):**

Further deterioration of roads, which would result in higher reconstruction costs. This funding is the largest source of addressing 'now needs'. The guiderail upgrade program should protect Grey County from future liability claims.

8. **Identify Sources and Amounts of Funding**

|              | Taxation           |
|--------------|--------------------|
| 2018         | \$600,000          |
| 2019         | \$600,000          |
| 2020         | \$600,000          |
| 2021         | \$600,000          |
| 2022         | \$600,000          |
| <b>Total</b> | <b>\$3,000,000</b> |

**9. Compliance with Council objective/strategic plan (if applicable):**

Satisfies the long-term investment in county owned capital assets.

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

1. **Department / Function:** **Construction, Resurfacing and Minor Capital -**  
**Details of Project/Study:** **Major Bridge and Culvert Repairs**

2. **Total Gross Cost of Proposed Capital Project/Study:** \$2,500,000

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              | \$2,500,000           |           |                 |

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018      | 2019      | 2020      | 2021      | 2022      | Total              |
|--------------|-----------|-----------|-----------|-----------|-----------|--------------------|
| <b>Gross</b> | \$470,000 | \$470,000 | \$470,000 | \$470,000 | \$470,000 | <b>\$2,350,000</b> |
| <b>Net</b>   | \$470,000 | \$470,000 | \$470,000 | \$470,000 | \$470,000 | <b>\$2,350,000</b> |

3. **Estimated Useful Life:** 75 years

4. **Location of Project/Study (if applicable):**

| Facility Name / Address | Municipality |
|-------------------------|--------------|
|-------------------------|--------------|

5. **Need or Benefit(s) of Project (including safety issues):**

Grey County has 58 structures greater than 65 years old. This budget item is for the Grey County bridge crew, which completes all preventative maintenance on the structures.

6. **Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:**

|              | 2017      | 2018      | 2019      | 2020      | 2021      | Total              |
|--------------|-----------|-----------|-----------|-----------|-----------|--------------------|
| <b>Gross</b> | \$500,000 | \$500,000 | \$500,000 | \$500,000 | \$500,000 | <b>\$2,500,000</b> |
| <b>Net</b>   | \$500,000 | \$500,000 | \$500,000 | \$500,000 | \$500,000 | <b>\$2,500,000</b> |

7. **Consequences/Implications of Not Undertaking Project (including alternatives):**

This ongoing maintenance is an investment in order to delay deterioration of the existing structures. This allows Grey County to defer (some of) the large capital structure replacement projects which are extremely cost prohibitive.

8. **Identify Sources and Amounts of Funding**

|              | Taxation           |
|--------------|--------------------|
| 2018         | \$470,000          |
| 2019         | \$470,000          |
| 2020         | \$470,000          |
| 2021         | \$470,000          |
| 2022         | \$470,000          |
| <b>Total</b> | <b>\$2,350,000</b> |

9. **Compliance with Council objective/strategic plan (if applicable):**

Investing in the long term health of the capital assets

10. **Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

Maintaining existing assets will reduce the long term costs to the County of Grey.

1. **Department / Function:** **Construction, Resurfacing and Minor Capital -**  
**Details of Project/Study:** **Catch Basin Repair**

2. **Total Gross Cost of Proposed Capital Project/Study:** \$150,000

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
| \$150,000    |                       |           |                 |

This is work done by the County's bridge crew.

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018     | 2019     | 2020     | 2021     | 2022     | Total            |
|--------------|----------|----------|----------|----------|----------|------------------|
| <b>Gross</b> | \$30,000 | \$30,000 | \$30,000 | \$30,000 | \$30,000 | <b>\$150,000</b> |
| <b>Net</b>   | \$30,000 | \$30,000 | \$30,000 | \$30,000 | \$30,000 | <b>\$150,000</b> |

3. **Estimated Useful Life:**

4. **Location of Project/Study (if applicable):**

| Facility Name / Address | Municipality |
|-------------------------|--------------|
|-------------------------|--------------|

5. **Need or Benefit(s) of Project (including safety issues):**

Ongoing yearly repairs required to catchbasins and maintenance chambers due to traffic and plowing.

6. **Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:**

|              | 2017 | 2018 | 2019 | 2020 | 2021 | Total      |
|--------------|------|------|------|------|------|------------|
| <b>Gross</b> | \$0  | \$0  | \$0  | \$0  | \$0  | <b>\$0</b> |
| <b>Net</b>   | \$0  | \$0  | \$0  | \$0  | \$0  | <b>\$0</b> |

7. **Consequences/Implications of Not Undertaking Project (including alternatives):**

Assets will continue to deteriorate and lead to more costly repairs

8. **Identify Sources and Amounts of Funding**

|              | Taxation         |
|--------------|------------------|
| 2018         | \$30,000         |
| 2019         | \$30,000         |
| 2020         | \$30,000         |
| 2021         | \$30,000         |
| 2022         | \$30,000         |
| <b>Total</b> | <b>\$150,000</b> |

9. **Compliance with Council objective/strategic plan (if applicable):**

10. **Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

1. **Department / Function:** Construction, Resurfacing and Minor Capital -  
**Details of Project/Study:** **Pre-Engineering Costs for Capital Projects**

2. **Total Gross Cost of Proposed Capital Project/Study:** \$1,646,000

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              |                       |           | \$1,646,000     |

Pre-Engineering

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018      | 2019      | 2020      | 2021      | 2022      | Total              |
|--------------|-----------|-----------|-----------|-----------|-----------|--------------------|
| <b>Gross</b> | \$316,000 | \$323,000 | \$329,000 | \$336,000 | \$342,000 | <b>\$1,646,000</b> |
| <b>Net</b>   | \$316,000 | \$323,000 | \$329,000 | \$336,000 | \$342,000 | <b>\$1,646,000</b> |

3. **Estimated Useful Life:** NA

4. **Location of Project/Study (if applicable):**

| Facility Name / Address | Municipality |
|-------------------------|--------------|
| NA                      |              |

5. **Need or Benefit(s) of Project (including safety issues):**

Includes planning, design, and associated field work of capital construction projects.

6. **Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:**

|              | 2017      | 2018      | 2019      | 2020      | 2021      | Total              |
|--------------|-----------|-----------|-----------|-----------|-----------|--------------------|
| <b>Gross</b> | \$310,000 | \$320,000 | \$330,000 | \$330,000 | \$330,000 | <b>\$1,620,000</b> |
| <b>Net</b>   | \$310,000 | \$320,000 | \$330,000 | \$330,000 | \$330,000 | <b>\$1,620,000</b> |

7. **Consequences/Implications of Not Undertaking Project (including alternatives):**

Typically the ongoing activities of the Engineering Department to carry on the daily business of delivering the major capital construction program.

8. **Identify Sources and Amounts of Funding**

|              | Taxation           |
|--------------|--------------------|
| 2018         | \$316,000          |
| 2019         | \$323,000          |
| 2020         | \$329,000          |
| 2021         | \$336,000          |
| 2022         | \$342,000          |
| <b>Total</b> | <b>\$1,646,000</b> |

9. **Compliance with Council objective/strategic plan (if applicable):**

Aligns with the County goal to increase the level of customer service.

10. **Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

1. **Department / Function:** Construction, Resurfacing and Minor Capital -  
**Details of Project/Study:** Inspection and Quality Assurance for Capital Projects

2. **Total Gross Cost of Proposed Capital Project/Study:** \$1,925,000

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              |                       |           | \$1,925,000     |

Includes inspection and quality assurance testing for capital construction projects. Inspection is performed by Grey County Maintenance staff, while the Quality Assurance testing is completed by a consultant.

In past five-year plans this was included in the cost of projects. In the 2018-2022 plan it has been separated out, so that the budgeted project amount will line up with the amount that is tendered.

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018      | 2019      | 2020      | 2021      | 2022      | Total              |
|--------------|-----------|-----------|-----------|-----------|-----------|--------------------|
| <b>Gross</b> | \$370,000 | \$377,000 | \$385,000 | \$393,000 | \$400,000 | <b>\$1,925,000</b> |
| <b>Net</b>   | \$370,000 | \$377,000 | \$385,000 | \$393,000 | \$400,000 | <b>\$1,925,000</b> |

3. **Estimated Useful Life:** N/A

4. **Location of Project/Study (if applicable):**

| Facility Name / Address | Municipality |
|-------------------------|--------------|
|-------------------------|--------------|

5. **Need or Benefit(s) of Project (including safety issues):**

Quality assurance is essential in ensuring County tendered construction projects are built with materials and construction techniques that meet provincial specifications.

6. **Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:**

|              | 2017 | 2018 | 2019 | 2020 | 2021 | Total      |
|--------------|------|------|------|------|------|------------|
| <b>Gross</b> | \$0  | \$0  | \$0  | \$0  | \$0  | <b>\$0</b> |
| <b>Net</b>   | \$0  | \$0  | \$0  | \$0  | \$0  | <b>\$0</b> |

7. **Consequences/Implications of Not Undertaking Project (including alternatives):**

Substandard materials and workmanship that may negatively impact the quality of work and materials supplied.

8. **Identify Sources and Amounts of Funding**

|              | Taxation           |
|--------------|--------------------|
| 2018         | \$370,000          |
| 2019         | \$377,000          |
| 2020         | \$385,000          |
| 2021         | \$393,000          |
| 2022         | \$400,000          |
| <b>Total</b> | <b>\$1,925,000</b> |

**9. Compliance with Council objective/strategic plan (if applicable):**

Aligns with the County goal to increase the level of customer service.

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

1. **Department / Function: Construction, Resurfacing and Minor Capital -  
Details of Project/Study: 5 Year Bridge Designs**

2. **Total Gross Cost of Proposed Capital Project/Study: \$500,000**

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              | \$500,000             |           |                 |

It is anticipated that two structures will be designed each year. After 2022 it is anticipated that only one bridge will need to be designed each year. The general reserve is being used to offset the cost of the second design in each of the years 2018-2022.

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018      | 2019      | 2020      | 2021      | 2022      | Total            |
|--------------|-----------|-----------|-----------|-----------|-----------|------------------|
| <b>Gross</b> | \$100,000 | \$100,000 | \$100,000 | \$100,000 | \$100,000 | <b>\$500,000</b> |
| <b>Net</b>   | \$50,000  | \$50,000  | \$50,000  | \$50,000  | \$50,000  | <b>\$250,000</b> |

3. **Estimated Useful Life:** Typically new structures would have a service life of 75 years.

4. **Location of Project/Study (if applicable):**

| Facility Name / Address | Municipality |
|-------------------------|--------------|
| Various                 |              |

5. **Need or Benefit(s) of Project (including safety issues):**

Completing structure designs prior to budgeting will ensure budget estimates are more accurate.

6. **Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:**

|              | 2017     | 2018     | 2019     | 2020     | 2021     | Total            |
|--------------|----------|----------|----------|----------|----------|------------------|
| <b>Gross</b> | \$50,000 | \$50,000 | \$50,000 | \$50,000 | \$50,000 | <b>\$250,000</b> |
| <b>Net</b>   | \$50,000 | \$50,000 | \$50,000 | \$50,000 | \$50,000 | <b>\$250,000</b> |

7. **Consequences/Implications of Not Undertaking Project (including alternatives):**

Failure to design in advance can lead to budget inaccuracy.

8. **Identify Sources and Amounts of Funding**

|              | Taxation         | From Reserve -<br>Transportation<br>General |
|--------------|------------------|---------------------------------------------|
| 2018         | \$50,000         | \$50,000                                    |
| 2019         | \$50,000         | \$50,000                                    |
| 2020         | \$50,000         | \$50,000                                    |
| 2021         | \$50,000         | \$50,000                                    |
| 2022         | \$50,000         | \$50,000                                    |
| <b>Total</b> | <b>\$250,000</b> | <b>\$250,000</b>                            |

**9. Compliance with Council objective/strategic plan (if applicable):**

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

1. **Department / Function:** Construction, Resurfacing and Minor Capital -  
**Details of Project/Study:** Structure Detailed Investigations

2. **Total Gross Cost of Proposed Capital Project/Study:** \$250,000

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              | \$250,000             |           |                 |

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018     | 2019     | 2020     | 2021     | 2022     | Total            |
|--------------|----------|----------|----------|----------|----------|------------------|
| <b>Gross</b> | \$50,000 | \$50,000 | \$50,000 | \$50,000 | \$50,000 | <b>\$250,000</b> |
| <b>Net</b>   | \$50,000 | \$50,000 | \$50,000 | \$50,000 | \$50,000 | <b>\$250,000</b> |

3. **Estimated Useful Life:** n/a

4. **Location of Project/Study (if applicable):**

| Facility Name / Address | Municipality |
|-------------------------|--------------|
| Various                 |              |

5. **Need or Benefit(s) of Project (including safety issues):**

Increased analysis of the structures should lead to more accurate budgeting during design.  
Further structure testing could lead to more accurate service life predictions.

6. **Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:**

|              | 2017     | 2018     | 2019     | 2020     | 2021     | Total            |
|--------------|----------|----------|----------|----------|----------|------------------|
| <b>Gross</b> | \$50,000 | \$50,000 | \$50,000 | \$50,000 | \$50,000 | <b>\$250,000</b> |
| <b>Net</b>   | \$50,000 | \$50,000 | \$50,000 | \$50,000 | \$50,000 | <b>\$250,000</b> |

7. **Consequences/Implications of Not Undertaking Project (including alternatives):**

8. **Identify Sources and Amounts of Funding**

|              | Taxation         |
|--------------|------------------|
| 2018         | \$50,000         |
| 2019         | \$50,000         |
| 2020         | \$50,000         |
| 2021         | \$50,000         |
| 2022         | \$50,000         |
| <b>Total</b> | <b>\$250,000</b> |

9. **Compliance with Council objective/strategic plan (if applicable):**

10. **Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

1. **Department / Function:** **Construction, Resurfacing and Minor Capital -**  
**Details of Project/Study:** **Traffic Signal Upgrades**

2. **Total Gross Cost of Proposed Capital Project/Study:** \$375,000

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              | \$375,000             |           |                 |

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018     | 2019     | 2020     | 2021     | 2022     | Total            |
|--------------|----------|----------|----------|----------|----------|------------------|
| <b>Gross</b> | \$75,000 | \$75,000 | \$75,000 | \$75,000 | \$75,000 | <b>\$375,000</b> |
| <b>Net</b>   | \$55,000 | \$55,000 | \$55,000 | \$55,000 | \$55,000 | <b>\$275,000</b> |

3. **Estimated Useful Life:** 15 years

4. **Location of Project/Study (if applicable):**

| Facility Name / Address | Municipality |
|-------------------------|--------------|
|-------------------------|--------------|

5. **Need or Benefit(s) of Project (including safety issues):**

For upgrading and replacing critical components of the traffic signal system including full cabinet replacements, controllers, conflict monitors, power supplies, etc.

6. **Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:**

|              | 2017     | 2018     | 2019     | 2020     | 2021     | Total            |
|--------------|----------|----------|----------|----------|----------|------------------|
| <b>Gross</b> | \$75,000 | \$75,000 | \$75,000 | \$75,000 | \$75,000 | <b>\$375,000</b> |
| <b>Net</b>   | \$75,000 | \$75,000 | \$75,000 | \$75,000 | \$75,000 | <b>\$375,000</b> |

7. **Consequences/Implications of Not Undertaking Project (including alternatives):**

Traffic signals could fail to function as designed and cause operational or safety issues.

8. **Identify Sources and Amounts of Funding**

|              | Taxation         | From Reserve -<br>Traffic Light |
|--------------|------------------|---------------------------------|
| 2018         | \$55,000         | \$20,000                        |
| 2019         | \$55,000         | \$20,000                        |
| 2020         | \$55,000         | \$20,000                        |
| 2021         | \$55,000         | \$20,000                        |
| 2022         | \$55,000         | \$20,000                        |
| <b>Total</b> | <b>\$275,000</b> | <b>\$100,000</b>                |

9. **Compliance with Council objective/strategic plan (if applicable):**

10. **Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

**1. Department / Function: Construction, Resurfacing and Minor Capital - 2018**

**Details of Project/Study: Grey Road 1 Mill and Pave: 14th Street West - 10th Street West (1075)**

**2. Total Gross Cost of Proposed Capital Project/Study: \$125,000**

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              | \$125,000             |           |                 |

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018      | 2019 | 2020 | 2021 | 2022 | Total            |
|--------------|-----------|------|------|------|------|------------------|
| <b>Gross</b> | \$125,000 | \$0  | \$0  | \$0  | \$0  | <b>\$125,000</b> |
| <b>Net</b>   | \$125,000 | \$0  | \$0  | \$0  | \$0  | <b>\$125,000</b> |

**3. Estimated Useful Life: 10 Years**

**4. Location of Project/Study (if applicable):**

| Facility Name / Address                     | Municipality       |
|---------------------------------------------|--------------------|
| Grey Road 1, Urban Section, Length - 0.7 km | City of Owen Sound |

**5. Need or Benefit(s) of Project (including safety issues):**

PCI 40; Rough ride, multiple surface defects – met functional service life – rehabilitate. Owen Sound has not programmed any underground work in the 5 year window. Pavement preservation work will carry asset well past functional service life.

**6. Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:**

|              | 2017 | 2018      | 2019 | 2020 | 2021 | Total            |
|--------------|------|-----------|------|------|------|------------------|
| <b>Gross</b> | \$0  | \$163,813 | \$0  | \$0  | \$0  | <b>\$163,813</b> |
| <b>Net</b>   | \$0  | \$163,813 | \$0  | \$0  | \$0  | <b>\$163,813</b> |

**7. Consequences/Implications of Not Undertaking Project (including alternatives):**

Road deterioration will lead to increased maintenance costs and possible safety issues.

**8. Identify Sources and Amounts of Funding**

|              | Taxation         |
|--------------|------------------|
| 2018         | \$125,000        |
| 2019         | \$0              |
| 2020         | \$0              |
| 2021         | \$0              |
| 2022         | \$0              |
| <b>Total</b> | <b>\$125,000</b> |

**9. Compliance with Council objective/strategic plan (if applicable):**

Investment in Grey County assets.

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

**1. Department / Function: Construction, Resurfacing and Minor Capital - 2018**

**Details of Project/Study: Grey Road 3 and Grey Road 16 Intersection Improvements - Keady (16006,16009,3057,3058)**

**2. Total Gross Cost of Proposed Capital Project/Study: \$1,500,000**

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              | \$1,500,000           |           |                 |

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018        | 2019 | 2020 | 2021 | 2022 | Total              |
|--------------|-------------|------|------|------|------|--------------------|
| <b>Gross</b> | \$1,500,000 | \$0  | \$0  | \$0  | \$0  | <b>\$1,500,000</b> |
| <b>Net</b>   | \$607,182   | \$0  | \$0  | \$0  | \$0  | <b>\$607,182</b>   |

**3. Estimated Useful Life: 20 years**

**4. Location of Project/Study (if applicable):**

| Facility Name / Address                                         | Municipality |
|-----------------------------------------------------------------|--------------|
| Grey Roads 3 and 16, Mixed Urban/Rural Section, Length - 1.3 km |              |

**5. Need or Benefit(s) of Project (including safety issues):**

Improvements to the Grey Road 3 and Grey Road 16 Intersection in Keady. Design improvements shall address stormwater and potential illumination and flashing beacon issues. Total construction limits 1.33 km.

**6. Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:**

|              | 2017      | 2018 | 2019 | 2020 | 2021 | Total            |
|--------------|-----------|------|------|------|------|------------------|
| <b>Gross</b> | \$683,993 | \$0  | \$0  | \$0  | \$0  | <b>\$683,993</b> |
| <b>Net</b>   | \$564,495 | \$0  | \$0  | \$0  | \$0  | <b>\$564,495</b> |

**7. Consequences/Implications of Not Undertaking Project (including alternatives):**

Prefer to complete the intersection prior to completing the remainder of Grey Road 16 as stopping short of Keady would seem to not address the area needing rehabilitation the most.

**8. Identify Sources and Amounts of Funding**

|              | From Reserve - DC Category 2 | Taxation         |
|--------------|------------------------------|------------------|
| 2018         | \$892,818                    | \$607,182        |
| 2019         | \$0                          | \$0              |
| 2020         | \$0                          | \$0              |
| 2021         | \$0                          | \$0              |
| 2022         | \$0                          | \$0              |
| <b>Total</b> | <b>\$892,818</b>             | <b>\$607,182</b> |

**9. Compliance with Council objective/strategic plan (if applicable):**

This intersection contributes to a large economic driver for Georgian Bluffs and Chatsworth (Keady Market).

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

**1. Department / Function: Construction, Resurfacing and Minor Capital - 2018**

**Details of Project/Study: Grey Road 4 - Lambton St to Highway 6 in Durham (4036 - 4042)**

**2. Total Gross Cost of Proposed Capital Project/Study: \$350,000**

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              | \$350,000             |           |                 |

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018      | 2019 | 2020 | 2021 | 2022 | Total            |
|--------------|-----------|------|------|------|------|------------------|
| <b>Gross</b> | \$350,000 | \$0  | \$0  | \$0  | \$0  | <b>\$350,000</b> |
| <b>Net</b>   | \$304,838 | \$0  | \$0  | \$0  | \$0  | <b>\$304,838</b> |

**3. Estimated Useful Life: 20 years**

**4. Location of Project/Study (if applicable):**

| Facility Name / Address            | Municipality |
|------------------------------------|--------------|
| Grey Road 4, Urban Section, 0.8 km |              |

**5. Need or Benefit(s) of Project (including safety issues):**

PCI is 45. In addition West Grey is proposing completing watermain and/or storm sewer work.

**6. Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:**

|              | 2017 | 2018      | 2019 | 2020 | 2021 | Total            |
|--------------|------|-----------|------|------|------|------------------|
| <b>Gross</b> | \$0  | \$146,753 | \$0  | \$0  | \$0  | <b>\$146,753</b> |
| <b>Net</b>   | \$0  | \$101,591 | \$0  | \$0  | \$0  | <b>\$101,591</b> |

**7. Consequences/Implications of Not Undertaking Project (including alternatives):**

Cost savings for the taxpayer in working with West Grey to complete multiple projects concurrently.

**8. Identify Sources and Amounts of Funding**

|              | Taxation         | From Reserve - Durham Road Reserve |
|--------------|------------------|------------------------------------|
| 2018         | \$304,838        | \$45,162                           |
| 2019         | \$0              | \$0                                |
| 2020         | \$0              | \$0                                |
| 2021         | \$0              | \$0                                |
| 2022         | \$0              | \$0                                |
| <b>Total</b> | <b>\$304,838</b> | <b>\$45,162</b>                    |

**9. Compliance with Council objective/strategic plan (if applicable):**

Continue to work with the municipalities and invest in Grey County Assets.

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

**1. Department / Function: Construction, Resurfacing and Minor Capital - 2018**

**Details of Project/Study: Grey Road 10 - Hanover - 12th St. to 16th St. (10030)**

**2. Total Gross Cost of Proposed Capital Project/Study: \$500,000**

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              | \$500,000             |           |                 |

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018      | 2019 | 2020 | 2021 | 2022 | Total            |
|--------------|-----------|------|------|------|------|------------------|
| <b>Gross</b> | \$500,000 | \$0  | \$0  | \$0  | \$0  | <b>\$500,000</b> |
| <b>Net</b>   | \$500,000 | \$0  | \$0  | \$0  | \$0  | <b>\$500,000</b> |

**3. Estimated Useful Life: 20 Years**

**4. Location of Project/Study (if applicable):**

| Facility Name / Address             | Municipality |
|-------------------------------------|--------------|
| Grey Road 10, Urban Section, 0.6 km |              |

**5. Need or Benefit(s) of Project (including safety issues):**

PCI rating of 61, however Hanover will be completing underground improvements.

**6. Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:**

|              | 2017      | 2018 | 2019 | 2020 | 2021 | Total            |
|--------------|-----------|------|------|------|------|------------------|
| <b>Gross</b> | \$150,000 | \$0  | \$0  | \$0  | \$0  | <b>\$150,000</b> |
| <b>Net</b>   | \$150,000 | \$0  | \$0  | \$0  | \$0  | <b>\$150,000</b> |

**7. Consequences/Implications of Not Undertaking Project (including alternatives):**

Impact on the Town of Hanover watermain project. The County would most likely have this scheduled for 2019 without the Town's input.

**8. Identify Sources and Amounts of Funding**

|              | Taxation         |
|--------------|------------------|
| 2018         | \$500,000        |
| 2019         | \$0              |
| 2020         | \$0              |
| 2021         | \$0              |
| 2022         | \$0              |
| <b>Total</b> | <b>\$500,000</b> |

**9. Compliance with Council objective/strategic plan (if applicable):**

Investment in Grey County assets.

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

**1. Department / Function: Construction, Resurfacing and Minor Capital - 2018**

**Details of Project/Study: Grey Road 15 Rehabilitation - 18th Street to Water Treatment Plant (15027-part 15030)**

**2. Total Gross Cost of Proposed Capital Project/Study: \$500,000**

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              | \$500,000             |           |                 |

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018      | 2019 | 2020 | 2021 | 2022 | Total            |
|--------------|-----------|------|------|------|------|------------------|
| <b>Gross</b> | \$500,000 | \$0  | \$0  | \$0  | \$0  | <b>\$500,000</b> |
| <b>Net</b>   | \$500,000 | \$0  | \$0  | \$0  | \$0  | <b>\$500,000</b> |

**3. Estimated Useful Life: 20 Years**

**4. Location of Project/Study (if applicable):**

| Facility Name / Address             | Municipality |
|-------------------------------------|--------------|
| Grey Road 15, Urban Section, 0.5 km |              |

**5. Need or Benefit(s) of Project (including safety issues):**

2016 PCI 34; Project was not completed previously due to the water treatment plant project. Surface is in need of rehabilitation as it is completely finished.

**6. Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:**

|              | 2017 | 2018      | 2019 | 2020 | 2021 | Total            |
|--------------|------|-----------|------|------|------|------------------|
| <b>Gross</b> | \$0  | \$500,000 | \$0  | \$0  | \$0  | <b>\$500,000</b> |
| <b>Net</b>   | \$0  | \$500,000 | \$0  | \$0  | \$0  | <b>\$500,000</b> |

**7. Consequences/Implications of Not Undertaking Project (including alternatives):**

Will continue to deteriorate and require significant maintenance.

**8. Identify Sources and Amounts of Funding**

|              | Taxation         |
|--------------|------------------|
| 2018         | \$500,000        |
| 2019         | \$0              |
| 2020         | \$0              |
| 2021         | \$0              |
| 2022         | \$0              |
| <b>Total</b> | <b>\$500,000</b> |

**9. Compliance with Council objective/strategic plan (if applicable):**

Working with municipal partners.

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

**1. Department / Function: Construction, Resurfacing and Minor Capital - 2018**

**Details of Project/Study: Grey Road 16 Pulverize & Pave Rehabilitation: 530m East of Grey Road 3 - Concession 5/6 (16012-16015)**

**2. Total Gross Cost of Proposed Capital Project/Study: \$1,106,915**

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              | \$1,106,915           |           |                 |

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018        | 2019 | 2020 | 2021 | 2022 | Total              |
|--------------|-------------|------|------|------|------|--------------------|
| <b>Gross</b> | \$1,106,915 | \$0  | \$0  | \$0  | \$0  | <b>\$1,106,915</b> |
| <b>Net</b>   | \$406,915   | \$0  | \$0  | \$0  | \$0  | <b>\$406,915</b>   |

**3. Estimated Useful Life: 20 Years**

**4. Location of Project/Study (if applicable):**

| Facility Name / Address                      | Municipality                |
|----------------------------------------------|-----------------------------|
| Grey Road 16, Rural Section, Length - 5.4 km | Township of Georgian Bluffs |

**5. Need or Benefit(s) of Project (including safety issues):**

PCI 49-69; Rough ride, multiple surface defects, some drainage deficiencies – approaching functional service life – rehabilitate/reconstruct.

**6. Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:**

|              | 2017 | 2018        | 2019 | 2020 | 2021 | Total              |
|--------------|------|-------------|------|------|------|--------------------|
| <b>Gross</b> | \$0  | \$1,106,915 | \$0  | \$0  | \$0  | <b>\$1,106,915</b> |
| <b>Net</b>   | \$0  | \$406,915   | \$0  | \$0  | \$0  | <b>\$406,915</b>   |

**7. Consequences/Implications of Not Undertaking Project (including alternatives):**

Road deterioration will lead to increased maintenance costs and possible safety issues.

**8. Identify Sources and Amounts of Funding**

|              | From Reserve - Federal Gas Tax | Taxation         |
|--------------|--------------------------------|------------------|
| 2018         | \$700,000                      | \$406,915        |
| 2019         | \$0                            | \$0              |
| 2020         | \$0                            | \$0              |
| 2021         | \$0                            | \$0              |
| 2022         | \$0                            | \$0              |
| <b>Total</b> | <b>\$700,000</b>               | <b>\$406,915</b> |

**9. Compliance with Council objective/strategic plan (if applicable):**

Investing in County assets.

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

**1. Department / Function: Construction, Resurfacing and Minor Capital - 2018**

**Details of Project/Study: Grey Road 17 Pulverize & Pave Rehabilitation: Concession 20 Wolseley - Highway 6 (17013-17021)**

**2. Total Gross Cost of Proposed Capital Project/Study: \$2,654,058**

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              | \$2,654,058           |           |                 |

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018        | 2019 | 2020 | 2021 | 2022 | Total              |
|--------------|-------------|------|------|------|------|--------------------|
| <b>Gross</b> | \$2,654,058 | \$0  | \$0  | \$0  | \$0  | <b>\$2,654,058</b> |
| <b>Net</b>   | \$676,484   | \$0  | \$0  | \$0  | \$0  | <b>\$676,484</b>   |

**3. Estimated Useful Life: 20 Years**

**4. Location of Project/Study (if applicable):**

| Facility Name / Address                       | Municipality                |
|-----------------------------------------------|-----------------------------|
| Grey Road 17, Rural Section, Length - 10.4 km | Township of Georgian Bluffs |

**5. Need or Benefit(s) of Project (including safety issues):**

Surface treated – exhibiting multiple surface failures – rehabilitation required in 2018

**6. Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:**

|              | 2017 | 2018        | 2019 | 2020 | 2021 | Total              |
|--------------|------|-------------|------|------|------|--------------------|
| <b>Gross</b> | \$0  | \$2,654,058 | \$0  | \$0  | \$0  | <b>\$2,654,058</b> |
| <b>Net</b>   | \$0  | \$854,058   | \$0  | \$0  | \$0  | <b>\$854,058</b>   |

**7. Consequences/Implications of Not Undertaking Project (including alternatives):**

Road deterioration will lead to increased maintenance costs and possible safety issues. Design to implement fully paved shoulders to increase active transportation alternatives and reduce maintenance.

**8. Identify Sources and Amounts of Funding**

|              | Taxation         | Fed/Prov Grants - OCIF | From Reserve - DC Category 3 |
|--------------|------------------|------------------------|------------------------------|
| 2018         | \$676,484        | \$812,809              | \$1,164,765                  |
| 2019         | \$0              | \$0                    | \$0                          |
| 2020         | \$0              | \$0                    | \$0                          |
| 2021         | \$0              | \$0                    | \$0                          |
| 2022         | \$0              | \$0                    | \$0                          |
| <b>Total</b> | <b>\$676,484</b> | <b>\$812,809</b>       | <b>\$1,164,765</b>           |

**9. Compliance with Council objective/strategic plan (if applicable):**

Adheres to the active transportation initiative and investments in Grey County Assets

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

**1. Department / Function: Construction, Resurfacing and Minor Capital - 2018**

**Details of Project/Study: Grey Road 32 Pulverize & Pave Rehabilitation/Reconstruction: Highway 10 - Grey Road 30 (32003-32006)**

**2. Total Gross Cost of Proposed Capital Project/Study: \$2,000,000**

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              | \$2,000,000           |           |                 |

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018        | 2019 | 2020 | 2021 | 2022 | Total              |
|--------------|-------------|------|------|------|------|--------------------|
| <b>Gross</b> | \$2,000,000 | \$0  | \$0  | \$0  | \$0  | <b>\$2,000,000</b> |
| <b>Net</b>   | \$39,629    | \$0  | \$0  | \$0  | \$0  | <b>\$39,629</b>    |

**3. Estimated Useful Life: 20 years**

**4. Location of Project/Study (if applicable):**

| Facility Name / Address                      | Municipality                   |
|----------------------------------------------|--------------------------------|
| Grey Road 32, Rural Section, Length - 8.3 km | Municipality of Grey Highlands |

**5. Need or Benefit(s) of Project (including safety issues):**

Surface treated – exhibiting multiple surface failures – rehab/reconstruct. Edge patching completed in 2014 should extend the life until 2018.

**6. Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:**

|              | 2017 | 2018        | 2019 | 2020 | 2021 | Total              |
|--------------|------|-------------|------|------|------|--------------------|
| <b>Gross</b> | \$0  | \$1,382,925 | \$0  | \$0  | \$0  | <b>\$1,382,925</b> |
| <b>Net</b>   | \$0  | \$966,737   | \$0  | \$0  | \$0  | <b>\$966,737</b>   |

**7. Consequences/Implications of Not Undertaking Project (including alternatives):**

Road deterioration will lead to increased maintenance costs and possible safety issues.

**8. Identify Sources and Amounts of Funding**

|              | From Reserve - Federal Gas Tax | From Reserve - DC Category 3 | Taxation        |
|--------------|--------------------------------|------------------------------|-----------------|
| 2018         | \$900,000                      | \$1,060,371                  | \$39,629        |
| 2019         | \$0                            | \$0                          | \$0             |
| 2020         | \$0                            | \$0                          | \$0             |
| 2021         | \$0                            | \$0                          | \$0             |
| 2022         | \$0                            | \$0                          | \$0             |
| <b>Total</b> | <b>\$900,000</b>               | <b>\$1,060,371</b>           | <b>\$39,629</b> |

**9. Compliance with Council objective/strategic plan (if applicable):**

Maintaining Grey County's assets.

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

**1. Department / Function: Construction, Resurfacing and Minor Capital - 2018**

**Details of Project/Study: Grey Road 40 Pulverize & Pave: 700m east of Veterans Way north to Grey Road 12 (40036-40051)**

**2. Total Gross Cost of Proposed Capital Project/Study: \$3,550,800**

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              | \$3,550,800           |           |                 |

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018        | 2019 | 2020 | 2021 | 2022 | Total              |
|--------------|-------------|------|------|------|------|--------------------|
| <b>Gross</b> | \$3,550,800 | \$0  | \$0  | \$0  | \$0  | <b>\$3,550,800</b> |
| <b>Net</b>   | \$892,493   | \$0  | \$0  | \$0  | \$0  | <b>\$892,493</b>   |

**3. Estimated Useful Life: 20 years**

**4. Location of Project/Study (if applicable):**

| Facility Name / Address                       | Municipality           |
|-----------------------------------------------|------------------------|
| Grey Road 40, Rural Section, Length - 14.8 km | Township of Chatsworth |

**5. Need or Benefit(s) of Project (including safety issues):**

Surface Treatment is deteriorating and the treatments are inconsistent. Maintenance costs will be reduced and road will meet a County Road standard. Chatsworth and Grey Highlands.

**6. Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:**

|              | 2017 | 2018        | 2019 | 2020 | 2021 | Total              |
|--------------|------|-------------|------|------|------|--------------------|
| <b>Gross</b> | \$0  | \$2,868,805 | \$0  | \$0  | \$0  | <b>\$2,868,805</b> |
| <b>Net</b>   | \$0  | \$1,889,063 | \$0  | \$0  | \$0  | <b>\$1,889,063</b> |

**7. Consequences/Implications of Not Undertaking Project (including alternatives):**

Edge loss and potholing will create safety issues.

**8. Identify Sources and Amounts of Funding**

|              | From Reserve - Federal Gas Tax | From Reserve - DC Category 3 | Taxation         |
|--------------|--------------------------------|------------------------------|------------------|
| 2018         | \$1,100,000                    | \$1,558,307                  | \$892,493        |
| 2019         | \$0                            | \$0                          | \$0              |
| 2020         | \$0                            | \$0                          | \$0              |
| 2021         | \$0                            | \$0                          | \$0              |
| 2022         | \$0                            | \$0                          | \$0              |
| <b>Total</b> | <b>\$1,100,000</b>             | <b>\$1,558,307</b>           | <b>\$892,493</b> |

**9. Compliance with Council objective/strategic plan (if applicable):**

Investment in Grey County assets.

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

**1. Department / Function: Construction, Resurfacing and Minor Capital - 2018**

Details of Project/Study: **Grey Road 112 Pulverize & Pave Rehabilitation: Highway 26 - Meaford Tank Range (112006-112012)**

**2. Total Gross Cost of Proposed Capital Project/Study: \$1,350,000**

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              | \$1,350,000           |           |                 |

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018        | 2019 | 2020 | 2021 | 2022 | Total              |
|--------------|-------------|------|------|------|------|--------------------|
| <b>Gross</b> | \$1,350,000 | \$0  | \$0  | \$0  | \$0  | <b>\$1,350,000</b> |
| <b>Net</b>   | \$1,350,000 | \$0  | \$0  | \$0  | \$0  | <b>\$1,350,000</b> |

**3. Estimated Useful Life: 20 Years**

**4. Location of Project/Study (if applicable):**

| Facility Name / Address                     | Municipality       |
|---------------------------------------------|--------------------|
| Grey Road 112, Rural Section, Length 5.6 km | The Blue Mountains |

**5. Need or Benefit(s) of Project (including safety issues):**

PCI 42-67; Rough ride, multiple surface defects – approaching or has met functional service life – rehabilitate/reconstruct.

**6. Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:**

|              | 2017 | 2018      | 2019 | 2020 | 2021 | Total            |
|--------------|------|-----------|------|------|------|------------------|
| <b>Gross</b> | \$0  | \$927,059 | \$0  | \$0  | \$0  | <b>\$927,059</b> |
| <b>Net</b>   | \$0  | \$927,059 | \$0  | \$0  | \$0  | <b>\$927,059</b> |

**7. Consequences/Implications of Not Undertaking Project (including alternatives):**

Road deterioration will lead to increased maintenance costs and possible safety issues.

**8. Identify Sources and Amounts of Funding**

|              | Taxation           |
|--------------|--------------------|
| 2018         | \$1,350,000        |
| 2019         | \$0                |
| 2020         | \$0                |
| 2021         | \$0                |
| 2022         | \$0                |
| <b>Total</b> | <b>\$1,350,000</b> |

**9. Compliance with Council objective/strategic plan (if applicable):**

Investment in Grey County assets.

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

**1. Department / Function: Construction, Resurfacing and Minor Capital - 2018**

**Details of Project/Study: Grey Road 124 Microsurfacing: Singhampton to Dufferin County Line (124003 - 124015)**

**2. Total Gross Cost of Proposed Capital Project/Study: \$500,000**

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              | \$500,000             |           |                 |

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018      | 2019 | 2020 | 2021 | 2022 | Total            |
|--------------|-----------|------|------|------|------|------------------|
| <b>Gross</b> | \$500,000 | \$0  | \$0  | \$0  | \$0  | <b>\$500,000</b> |
| <b>Net</b>   | \$250,000 | \$0  | \$0  | \$0  | \$0  | <b>\$250,000</b> |

**3. Estimated Useful Life: 7 Years**

**4. Location of Project/Study (if applicable):**

| Facility Name / Address                      | Municipality                   |
|----------------------------------------------|--------------------------------|
| Grey Road 124, Rural Section, Length 11.0 km | Municipality of Grey Highlands |

**5. Need or Benefit(s) of Project (including safety issues):**

2016 PCI 57-78; Will prolong service life of road by sealing up cracks and rectify slight rutting. Simcoe County initiative.

**6. Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:**

|              | 2017 | 2018 | 2019 | 2020 | 2021 | Total      |
|--------------|------|------|------|------|------|------------|
| <b>Gross</b> | \$0  | \$0  | \$0  | \$0  | \$0  | <b>\$0</b> |
| <b>Net</b>   | \$0  | \$0  | \$0  | \$0  | \$0  | <b>\$0</b> |

**7. Consequences/Implications of Not Undertaking Project (including alternatives):**

Road will be in need of costly rehabilitation sooner

**8. Identify Sources and Amounts of Funding**

|              | Taxation         | Partners - Simcoe County |
|--------------|------------------|--------------------------|
| 2018         | \$250,000        | \$250,000                |
| 2019         | \$0              | \$0                      |
| 2020         | \$0              | \$0                      |
| 2021         | \$0              | \$0                      |
| 2022         | \$0              | \$0                      |
| <b>Total</b> | <b>\$250,000</b> | <b>\$250,000</b>         |

**9. Compliance with Council objective/strategic plan (if applicable):**

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

**1. Department / Function: Construction, Resurfacing and Minor Capital - 2018**

**Details of Project/Study: Structures 10590 & 10900 Grey Road 10 Near Concession 8**

**2. Total Gross Cost of Proposed Capital Project/Study: \$900,000**

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              | \$900,000             |           |                 |

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018      | 2019 | 2020 | 2021 | 2022 | Total            |
|--------------|-----------|------|------|------|------|------------------|
| <b>Gross</b> | \$900,000 | \$0  | \$0  | \$0  | \$0  | <b>\$900,000</b> |
| <b>Net</b>   | \$0       | \$0  | \$0  | \$0  | \$0  | <b>\$0</b>       |

**3. Estimated Useful Life: 50-75 Years**

**4. Location of Project/Study (if applicable):**

| Facility Name / Address                   | Municipality              |
|-------------------------------------------|---------------------------|
| Grey Road 10, Rural Seciton, Length - N/A | Municipality of West Grey |

**5. Need or Benefit(s) of Project (including safety issues):**

10-590 BCI of 58.53 in 2015 Structure Inspections. 10-900 BCI of 34.62 in 2015 Structure Inspections. Replacing with non structural pipes is the preferred option as it removes two major assets (structures over 3 m) from the Grey County inventory. Relocating the municipal drain to the west is the next preferred option as it also removes the assets.

**6. Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:**

|              | 2017      | 2018 | 2019 | 2020 | 2021 | Total            |
|--------------|-----------|------|------|------|------|------------------|
| <b>Gross</b> | \$900,000 | \$0  | \$0  | \$0  | \$0  | <b>\$900,000</b> |
| <b>Net</b>   | \$0       | \$0  | \$0  | \$0  | \$0  | <b>\$0</b>       |

**7. Consequences/Implications of Not Undertaking Project (including alternatives):**

Potential safety concerns if the structure is not replaced. Grey Road 10 is a key north south transportation route.

**8. Identify Sources and Amounts of Funding**

|              | From Reserve -<br>Transportation<br>General | Partners -<br>Bruce County |
|--------------|---------------------------------------------|----------------------------|
| 2018         | \$450,000                                   | \$450,000                  |
| 2019         | \$0                                         | \$0                        |
| 2020         | \$0                                         | \$0                        |
| 2021         | \$0                                         | \$0                        |
| 2022         | \$0                                         | \$0                        |
| <b>Total</b> | <b>\$450,000</b>                            | <b>\$450,000</b>           |

**9. Compliance with Council objective/strategic plan (if applicable):**

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

**1. Department / Function: Construction, Resurfacing and Minor Capital - 2019**

**Details of Project/Study: Grey Road 2 Pulverize & Pave  
Rehabilitation: Grey Road 19 - Grey Road 119  
(2030-2036)**

**2. Total Gross Cost of Proposed Capital Project/Study: \$888,960**

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              | \$888,960             |           |                 |

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018 | 2019      | 2020 | 2021 | 2022 | Total            |
|--------------|------|-----------|------|------|------|------------------|
| <b>Gross</b> | \$0  | \$888,960 | \$0  | \$0  | \$0  | <b>\$888,960</b> |
| <b>Net</b>   | \$0  | \$288,960 | \$0  | \$0  | \$0  | <b>\$288,960</b> |

**3. Estimated Useful Life: 20 Years**

**4. Location of Project/Study (if applicable):**

| Facility Name / Address                     | Municipality       |
|---------------------------------------------|--------------------|
| Grey Road 2, Rural Section, Length - 3.7 km | The Blue Mountains |

**5. Need or Benefit(s) of Project (including safety issues):**

PCI 42,59,75; Rough ride, multiple surface defects – approaching end of functional service life – rehabilitate/reconstruct.

**6. Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:**

|              | 2017 | 2018 | 2019      | 2020 | 2021 | Total            |
|--------------|------|------|-----------|------|------|------------------|
| <b>Gross</b> | \$0  | \$0  | \$731,174 | \$0  | \$0  | <b>\$731,174</b> |
| <b>Net</b>   | \$0  | \$0  | \$131,174 | \$0  | \$0  | <b>\$131,174</b> |

**7. Consequences/Implications of Not Undertaking Project (including alternatives):**

Road deterioration will lead to increased maintenance costs and possible safety issues.

**8. Identify Sources and Amounts of Funding**

|              | Taxation         | From Reserve - Federal Gas Tax |
|--------------|------------------|--------------------------------|
| 2018         | \$0              | \$0                            |
| 2019         | \$288,960        | \$600,000                      |
| 2020         | \$0              | \$0                            |
| 2021         | \$0              | \$0                            |
| 2022         | \$0              | \$0                            |
| <b>Total</b> | <b>\$288,960</b> | <b>\$600,000</b>               |

**9. Compliance with Council objective/strategic plan (if applicable):**

Paved shoulders will complete a missing link in the active transportation network.

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

**1. Department / Function: Construction, Resurfacing and Minor Capital - 2019**

**Details of Project/Study: Grey Road 3 Pulverize and Pave Rehabilitation: 200m north of Grey Road 16 - Grey Road 5 West Jct. (3060)**

**2. Total Gross Cost of Proposed Capital Project/Study: \$822,960**

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              | \$822,960             |           |                 |

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018 | 2019      | 2020 | 2021 | 2022 | Total            |
|--------------|------|-----------|------|------|------|------------------|
| <b>Gross</b> | \$0  | \$822,960 | \$0  | \$0  | \$0  | <b>\$822,960</b> |
| <b>Net</b>   | \$0  | \$822,960 | \$0  | \$0  | \$0  | <b>\$822,960</b> |

**3. Estimated Useful Life: 20 Years**

**4. Location of Project/Study (if applicable):**

| Facility Name / Address                     | Municipality                |
|---------------------------------------------|-----------------------------|
| Grey Road 3, Rural Section, Length - 2.0 km | Township of Georgian Bluffs |

**5. Need or Benefit(s) of Project (including safety issues):**

2016 PCI - 49; Rough ride, multiple surface defects - requires rehabilitation

**6. Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:**

|              | 2017 | 2018 | 2019      | 2020 | 2021 | Total            |
|--------------|------|------|-----------|------|------|------------------|
| <b>Gross</b> | \$0  | \$0  | \$572,189 | \$0  | \$0  | <b>\$572,189</b> |
| <b>Net</b>   | \$0  | \$0  | \$572,189 | \$0  | \$0  | <b>\$572,189</b> |

**7. Consequences/Implications of Not Undertaking Project (including alternatives):**

Continued deterioration, increased maintenance costs.

**8. Identify Sources and Amounts of Funding**

|              | Taxation         |
|--------------|------------------|
| 2018         | \$0              |
| 2019         | \$822,960        |
| 2020         | \$0              |
| 2021         | \$0              |
| 2022         | \$0              |
| <b>Total</b> | <b>\$822,960</b> |

**9. Compliance with Council objective/strategic plan (if applicable):**

Investment in Grey County assets.

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

**1. Department / Function: Construction, Resurfacing and Minor Capital - 2019**

**Details of Project/Study: Grey Road 3 Pulverize & Pave Rehabilitation: West Jct. Grey Road 5 - East Jct. Grey Road 5 (3063)**

**2. Total Gross Cost of Proposed Capital Project/Study: \$244,320**

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              | \$244,320             |           |                 |

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018 | 2019      | 2020 | 2021 | 2022 | Total            |
|--------------|------|-----------|------|------|------|------------------|
| <b>Gross</b> | \$0  | \$244,320 | \$0  | \$0  | \$0  | <b>\$244,320</b> |
| <b>Net</b>   | \$0  | \$244,320 | \$0  | \$0  | \$0  | <b>\$244,320</b> |

**3. Estimated Useful Life: 20 Years**

**4. Location of Project/Study (if applicable):**

| Facility Name / Address                     | Municipality                |
|---------------------------------------------|-----------------------------|
| Grey Road 3, Rural Section, Length - 1.0 km | Township of Georgian Bluffs |

**5. Need or Benefit(s) of Project (including safety issues):**

2016 PCI 39; Rough ride, multiple surface defects – exceeded functional service life – rehabilitate/reconstruct.

**6. Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:**

|              | 2017 | 2018 | 2019      | 2020 | 2021 | Total            |
|--------------|------|------|-----------|------|------|------------------|
| <b>Gross</b> | \$0  | \$0  | \$282,598 | \$0  | \$0  | <b>\$282,598</b> |
| <b>Net</b>   | \$0  | \$0  | \$282,598 | \$0  | \$0  | <b>\$282,598</b> |

**7. Consequences/Implications of Not Undertaking Project (including alternatives):**

Road deterioration will lead to increased maintenance costs and possible safety issues.

**8. Identify Sources and Amounts of Funding**

|              | Taxation         |
|--------------|------------------|
| 2018         | \$0              |
| 2019         | \$244,320        |
| 2020         | \$0              |
| 2021         | \$0              |
| 2022         | \$0              |
| <b>Total</b> | <b>\$244,320</b> |

**9. Compliance with Council objective/strategic plan (if applicable):**

Investment in Grey County assets.

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

**1. Department / Function: Construction, Resurfacing and Minor Capital - 2019**

Details of Project/Study: **Grey Road 4, Intersection Improvements and Signals: 10th Street at 18th Avenue, Hanover**

**2. Total Gross Cost of Proposed Capital Project/Study: \$200,000**

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              | \$200,000             |           |                 |

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018 | 2019      | 2020 | 2021 | 2022 | Total            |
|--------------|------|-----------|------|------|------|------------------|
| <b>Gross</b> | \$0  | \$200,000 | \$0  | \$0  | \$0  | <b>\$200,000</b> |
| <b>Net</b>   | \$0  | \$84,710  | \$0  | \$0  | \$0  | <b>\$84,710</b>  |

**3. Estimated Useful Life: 20 Years**

**4. Location of Project/Study (if applicable):**

| Facility Name / Address                  | Municipality    |
|------------------------------------------|-----------------|
| Grey Road 4, Urban Section, Lenght - N/A | Town of Hanover |

**5. Need or Benefit(s) of Project (including safety issues):**

Proposed new high school and large subdivision development are anticipated to cause operational issues at this intersection which may be mitigated with signals.

**6. Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:**

|              | 2017 | 2018 | 2019 | 2020 | 2021 | Total      |
|--------------|------|------|------|------|------|------------|
| <b>Gross</b> | \$0  | \$0  | \$0  | \$0  | \$0  | <b>\$0</b> |
| <b>Net</b>   | \$0  | \$0  | \$0  | \$0  | \$0  | <b>\$0</b> |

**7. Consequences/Implications of Not Undertaking Project (including alternatives):**

Operational deficiencies at intersection

**8. Identify Sources and Amounts of Funding**

|              | Taxation        | From Reserve - DC Category 4 |
|--------------|-----------------|------------------------------|
| 2018         | \$0             | \$0                          |
| 2019         | \$84,710        | \$115,290                    |
| 2020         | \$0             | \$0                          |
| 2021         | \$0             | \$0                          |
| 2022         | \$0             | \$0                          |
| <b>Total</b> | <b>\$84,710</b> | <b>\$115,290</b>             |

**9. Compliance with Council objective/strategic plan (if applicable):**

Investment in Grey County assets.

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

**1. Department / Function: Construction, Resurfacing and Minor Capital - 2019**

**Details of Project/Study: Grey Road 5 Pulverize & Pave Rehabilitation: 0.6 km West of Grey Road 3 to Grey Road 3 (5005)**

**2. Total Gross Cost of Proposed Capital Project/Study: \$150,000**

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              | \$150,000             |           |                 |

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018 | 2019      | 2020 | 2021 | 2022 | Total            |
|--------------|------|-----------|------|------|------|------------------|
| <b>Gross</b> | \$0  | \$150,000 | \$0  | \$0  | \$0  | <b>\$150,000</b> |
| <b>Net</b>   | \$0  | \$150,000 | \$0  | \$0  | \$0  | <b>\$150,000</b> |

**3. Estimated Useful Life: 20 years**

**4. Location of Project/Study (if applicable):**

| Facility Name / Address                     | Municipality                |
|---------------------------------------------|-----------------------------|
| Grey Road 3, Rural Section, Length - 0.6 km | Township of Georgian Bluffs |

**5. Need or Benefit(s) of Project (including safety issues):**

2016 PCI 43; Orphaned section not completed with adjacent rehab. Rehabilitate deteriorated road to a County standard.

**6. Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:**

|              | 2017 | 2018 | 2019      | 2020 | 2021 | Total            |
|--------------|------|------|-----------|------|------|------------------|
| <b>Gross</b> | \$0  | \$0  | \$100,121 | \$0  | \$0  | <b>\$100,121</b> |
| <b>Net</b>   | \$0  | \$0  | \$100,121 | \$0  | \$0  | <b>\$100,121</b> |

**7. Consequences/Implications of Not Undertaking Project (including alternatives):**

Road deterioration will lead to increased maintenance costs and possible safety issues.

**8. Identify Sources and Amounts of Funding**

|              | Taxation         |
|--------------|------------------|
| 2018         | \$0              |
| 2019         | \$150,000        |
| 2020         | \$0              |
| 2021         | \$0              |
| 2022         | \$0              |
| <b>Total</b> | <b>\$150,000</b> |

**9. Compliance with Council objective/strategic plan (if applicable):**

Investing in Grey County assets.

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

**1. Department / Function: Construction, Resurfacing and Minor Capital - 2019**

Details of Project/Study: **Grey Road 7 Pulverize & Pave  
Rehabilitation: Grey Road 40 - 4 Sideroad  
(7015-7018)**

**2. Total Gross Cost of Proposed Capital Project/Study: \$900,000**

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              | \$900,000             |           |                 |

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018 | 2019      | 2020 | 2021 | 2022 | Total            |
|--------------|------|-----------|------|------|------|------------------|
| <b>Gross</b> | \$0  | \$900,000 | \$0  | \$0  | \$0  | <b>\$900,000</b> |
| <b>Net</b>   | \$0  | \$900,000 | \$0  | \$0  | \$0  | <b>\$900,000</b> |

**3. Estimated Useful Life: 20 Years**

**4. Location of Project/Study (if applicable):**

| Facility Name / Address                     | Municipality                   |
|---------------------------------------------|--------------------------------|
| Grey Road 7, Rural Section, Length - 2.0 km | Municipality of Grey Highlands |

**5. Need or Benefit(s) of Project (including safety issues):**

2016 PCI 47-52; Rough ride, multiple surface defects – exceeded functional service life – rehabilitate/reconstruct.

**6. Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:**

|              | 2017 | 2018 | 2019      | 2020 | 2021 | Total            |
|--------------|------|------|-----------|------|------|------------------|
| <b>Gross</b> | \$0  | \$0  | \$793,813 | \$0  | \$0  | <b>\$793,813</b> |
| <b>Net</b>   | \$0  | \$0  | \$793,813 | \$0  | \$0  | <b>\$793,813</b> |

**7. Consequences/Implications of Not Undertaking Project (including alternatives):**

Road deterioration will lead to increased maintenance costs and possible safety issues.

**8. Identify Sources and Amounts of Funding**

|              | Taxation         |
|--------------|------------------|
| 2018         | \$0              |
| 2019         | \$900,000        |
| 2020         | \$0              |
| 2021         | \$0              |
| 2022         | \$0              |
| <b>Total</b> | <b>\$900,000</b> |

**9. Compliance with Council objective/strategic plan (if applicable):**

Investment in Grey County assets.

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

**1. Department / Function: Construction, Resurfacing and Minor Capital - 2019**

**Details of Project/Study: Grey Road 9 Reconstruction:  
Artemesia Street - Highway 10 (9054-9057)**

**2. Total Gross Cost of Proposed Capital Project/Study: \$490,000**

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              | \$490,000             |           |                 |

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018 | 2019      | 2020 | 2021 | 2022 | Total            |
|--------------|------|-----------|------|------|------|------------------|
| <b>Gross</b> | \$0  | \$590,000 | \$0  | \$0  | \$0  | <b>\$590,000</b> |
| <b>Net</b>   | \$0  | \$532,355 | \$0  | \$0  | \$0  | <b>\$532,355</b> |

**3. Estimated Useful Life: 20 Years**

**4. Location of Project/Study (if applicable):**

| Facility Name / Address                     | Municipality          |
|---------------------------------------------|-----------------------|
| Grey Road 9, Urban Section, Length - 1.4 km | Township of Southgate |

**5. Need or Benefit(s) of Project (including safety issues):**

2016 PCI 59-62 Rehabilitate will be required within 5 year window and have to be coordinated with Municipality.

**6. Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:**

|              | 2017 | 2018 | 2019 | 2020      | 2021 | Total            |
|--------------|------|------|------|-----------|------|------------------|
| <b>Gross</b> | \$0  | \$0  | \$0  | \$420,248 | \$0  | <b>\$420,248</b> |
| <b>Net</b>   | \$0  | \$0  | \$0  | \$52,020  | \$0  | <b>\$52,020</b>  |

**7. Consequences/Implications of Not Undertaking Project (including alternatives):**

Road deterioration will lead to increased maintenance costs and possible safety issues.

**8. Identify Sources and Amounts of Funding**

|              | From Reserve - DC Category 4 | Taxation         |
|--------------|------------------------------|------------------|
| 2018         | \$0                          | \$0              |
| 2019         | \$57,645                     | \$532,355        |
| 2020         | \$0                          | \$0              |
| 2021         | \$0                          | \$0              |
| 2022         | \$0                          | \$0              |
| <b>Total</b> | <b>\$57,645</b>              | <b>\$532,355</b> |

**9. Compliance with Council objective/strategic plan (if applicable):**

Investment in Grey County assets.

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

**1. Department / Function: Construction, Resurfacing and Minor Capital - 2019**

**Details of Project/Study: Grey Road 15 Pulverize & Pave Rehabilitation: Tom Thomson Lane - 4.1 km North of Highway 26, South Limit Annan (15060-15067)**

**2. Total Gross Cost of Proposed Capital Project/Study: \$576,960**

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              | \$576,960             |           |                 |

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018 | 2019      | 2020 | 2021 | 2022 | Total            |
|--------------|------|-----------|------|------|------|------------------|
| <b>Gross</b> | \$0  | \$576,960 | \$0  | \$0  | \$0  | <b>\$576,960</b> |
| <b>Net</b>   | \$0  | \$576,960 | \$0  | \$0  | \$0  | <b>\$576,960</b> |

**3. Estimated Useful Life: 20 Years**

**4. Location of Project/Study (if applicable):**

| Facility Name / Address                         | Municipality            |
|-------------------------------------------------|-------------------------|
| Grey Road 15, Mixed Rural/Urban Section, 2.0 km | Municipality of Meaford |

**5. Need or Benefit(s) of Project (including safety issues):**

2016 PCI 32-43; Rough ride, multiple surface defects – met functional service life – rehabilitate/reconstruct

**6. Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:**

|              | 2017 | 2018      | 2019 | 2020 | 2021 | Total            |
|--------------|------|-----------|------|------|------|------------------|
| <b>Gross</b> | \$0  | \$369,039 | \$0  | \$0  | \$0  | <b>\$369,039</b> |
| <b>Net</b>   | \$0  | \$369,039 | \$0  | \$0  | \$0  | <b>\$369,039</b> |

**7. Consequences/Implications of Not Undertaking Project (including alternatives):**

Road deterioration will lead to increased maintenance costs and possible safety issues.

**8. Identify Sources and Amounts of Funding**

|              | Taxation         |
|--------------|------------------|
| 2018         | \$0              |
| 2019         | \$576,960        |
| 2020         | \$0              |
| 2021         | \$0              |
| 2022         | \$0              |
| <b>Total</b> | <b>\$576,960</b> |

**9. Compliance with Council objective/strategic plan (if applicable):**

Investment in Grey County assets.

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

**1. Department / Function: Construction, Resurfacing and Minor Capital - 2019**

**Details of Project/Study: Grey Road 15 Pulverize & Pave Rehabilitation: 3rd Ave - 3.3 km North of Owen Sound (15033-15048)**

**2. Total Gross Cost of Proposed Capital Project/Study: \$2,500,000**

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              | \$2,500,000           |           |                 |

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018 | 2019        | 2020 | 2021 | 2022 | Total              |
|--------------|------|-------------|------|------|------|--------------------|
| <b>Gross</b> | \$0  | \$2,500,000 | \$0  | \$0  | \$0  | <b>\$2,500,000</b> |
| <b>Net</b>   | \$0  | \$770,346   | \$0  | \$0  | \$0  | <b>\$770,346</b>   |

**3. Estimated Useful Life: 20 Years**

**4. Location of Project/Study (if applicable):**

| Facility Name / Address                          | Municipality       |
|--------------------------------------------------|--------------------|
| Grey Road 15, Mixed Urban/Rural, Length - 5.4 km | City of Owen Sound |

**5. Need or Benefit(s) of Project (including safety issues):**

Mixed asphalt and surface treatment – exhibiting multiple surface failures – rehab/reconstruct.

**6. Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:**

|              | 2017 | 2018 | 2019        | 2020 | 2021 | Total              |
|--------------|------|------|-------------|------|------|--------------------|
| <b>Gross</b> | \$0  | \$0  | \$1,163,935 | \$0  | \$0  | <b>\$1,163,935</b> |
| <b>Net</b>   | \$0  | \$0  | \$313,833   | \$0  | \$0  | <b>\$313,833</b>   |

**7. Consequences/Implications of Not Undertaking Project (including alternatives):**

Road deterioration will lead to increased maintenance costs and possible safety issues.

**8. Identify Sources and Amounts of Funding**

|              | From Reserve - Federal Gas Tax | Taxation         | From Reserve - DC Category 2 | From Reserve - DC Category 3 |
|--------------|--------------------------------|------------------|------------------------------|------------------------------|
| 2018         | \$0                            | \$0              | \$0                          | \$0                          |
| 2019         | \$1,150,000                    | \$770,346        | \$284,126                    | \$295,528                    |
| 2020         | \$0                            | \$0              | \$0                          | \$0                          |
| 2021         | \$0                            | \$0              | \$0                          | \$0                          |
| 2022         | \$0                            | \$0              | \$0                          | \$0                          |
| <b>Total</b> | <b>\$1,150,000</b>             | <b>\$770,346</b> | <b>\$284,126</b>             | <b>\$295,528</b>             |

**9. Compliance with Council objective/strategic plan (if applicable):**

Investment in County assets and paved shoulders to improve the active transportation network.

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

**1. Department / Function: Construction, Resurfacing and Minor Capital - 2019**

**Details of Project/Study: Grey Road 16 Pulverize & Pave Rehabilitation: Grey Road 10 - 300m west of Grey Road 3 (16003)**

**2. Total Gross Cost of Proposed Capital Project/Study: \$1,100,000**

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              | \$1,100,000           |           |                 |

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018 | 2019        | 2020 | 2021 | 2022 | Total              |
|--------------|------|-------------|------|------|------|--------------------|
| <b>Gross</b> | \$0  | \$1,100,000 | \$0  | \$0  | \$0  | <b>\$1,100,000</b> |
| <b>Net</b>   | \$0  | \$400,000   | \$0  | \$0  | \$0  | <b>\$400,000</b>   |

**3. Estimated Useful Life: 20 Years**

**4. Location of Project/Study (if applicable):**

| Facility Name / Address                      | Municipality                |
|----------------------------------------------|-----------------------------|
| Grey Road 16, Rural Section, Length - 2.0 km | Township of Georgian Bluffs |

**5. Need or Benefit(s) of Project (including safety issues):**

PCI 45; Rough ride, multiple surface defects – met functional service life – rehabilitate/reconstruct

**6. Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:**

|              | 2017 | 2018 | 2019        | 2020 | 2021 | Total              |
|--------------|------|------|-------------|------|------|--------------------|
| <b>Gross</b> | \$0  | \$0  | \$1,208,166 | \$0  | \$0  | <b>\$1,208,166</b> |
| <b>Net</b>   | \$0  | \$0  | \$208,166   | \$0  | \$0  | <b>\$208,166</b>   |

**7. Consequences/Implications of Not Undertaking Project (including alternatives):**

Road deterioration will lead to increased maintenance costs and possible safety issues.

**8. Identify Sources and Amounts of Funding**

|              | From Reserve - Federal Gas Tax | Taxation         |
|--------------|--------------------------------|------------------|
| 2018         | \$0                            | \$0              |
| 2019         | \$700,000                      | \$400,000        |
| 2020         | \$0                            | \$0              |
| 2021         | \$0                            | \$0              |
| 2022         | \$0                            | \$0              |
| <b>Total</b> | <b>\$700,000</b>               | <b>\$400,000</b> |

**9. Compliance with Council objective/strategic plan (if applicable):**

Investment in Grey County assets.

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

**1. Department / Function: Construction, Resurfacing and Minor Capital - 2019**

**Details of Project/Study: Grey Road 17B Pulverize and Pave Rehabilitation: Highway 21 to Grey Road 17 (17B006-17B012)**

**2. Total Gross Cost of Proposed Capital Project/Study: \$3,000,000**

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              | \$3,000,000           |           |                 |

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018 | 2019        | 2020 | 2021 | 2022 | Total              |
|--------------|------|-------------|------|------|------|--------------------|
| <b>Gross</b> | \$0  | \$3,000,000 | \$0  | \$0  | \$0  | <b>\$3,000,000</b> |
| <b>Net</b>   | \$0  | \$636,552   | \$0  | \$0  | \$0  | <b>\$636,552</b>   |

**3. Estimated Useful Life: 18 Years**

**4. Location of Project/Study (if applicable):**

| Facility Name / Address                           | Municipality                |
|---------------------------------------------------|-----------------------------|
| Grey Road 17B, Mixed Urban/Rural, Length - 2.7 km | Township of Georgian Bluffs |

**5. Need or Benefit(s) of Project (including safety issues):**

2016 PCI 51-74; project is being triggered to 5 year plan to address continuing deterioration of surface and ride.

**6. Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:**

|              | 2017 | 2018 | 2019        | 2020 | 2021 | Total              |
|--------------|------|------|-------------|------|------|--------------------|
| <b>Gross</b> | \$0  | \$0  | \$1,402,366 | \$0  | \$0  | <b>\$1,402,366</b> |
| <b>Net</b>   | \$0  | \$0  | \$231,623   | \$0  | \$0  | <b>\$231,623</b>   |

**7. Consequences/Implications of Not Undertaking Project (including alternatives):**

Compromised ride, increased maintenance

**8. Identify Sources and Amounts of Funding**

|              | Taxation         | From Reserve - DC Category 1 | From Reserve - Federal Gas Tax | From Reserve - DC Category 2 | From Reserve - DC Category 5 |
|--------------|------------------|------------------------------|--------------------------------|------------------------------|------------------------------|
| 2018         | \$0              | \$0                          | \$0                            | \$0                          | \$0                          |
| 2019         | \$636,552        | \$1,469,713                  | \$550,000                      | \$224,175                    | \$119,560                    |
| 2020         | \$0              | \$0                          | \$0                            | \$0                          | \$0                          |
| 2021         | \$0              | \$0                          | \$0                            | \$0                          | \$0                          |
| 2022         | \$0              | \$0                          | \$0                            | \$0                          | \$0                          |
| <b>Total</b> | <b>\$636,552</b> | <b>\$1,469,713</b>           | <b>\$550,000</b>               | <b>\$224,175</b>             | <b>\$119,560</b>             |

**9. Compliance with Council objective/strategic plan (if applicable):**

Investment in Grey County assets.

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

**1. Department / Function: Construction, Resurfacing and Minor Capital - 2019**

**Details of Project/Study: Structure 109-353 Grey Road 109 Holstein**

**2. Total Gross Cost of Proposed Capital Project/Study: \$1,850,000**

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              | \$1,850,000           |           |                 |

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018 | 2019        | 2020 | 2021 | 2022 | Total              |
|--------------|------|-------------|------|------|------|--------------------|
| <b>Gross</b> | \$0  | \$1,850,000 | \$0  | \$0  | \$0  | <b>\$1,850,000</b> |
| <b>Net</b>   | \$0  | \$600,438   | \$0  | \$0  | \$0  | <b>\$600,438</b>   |

**3. Estimated Useful Life: 75 Years**

**4. Location of Project/Study (if applicable):**

| Facility Name / Address | Municipality          |
|-------------------------|-----------------------|
|                         | Township of Southgate |

**5. Need or Benefit(s) of Project (including safety issues):**

BCI of 14.44 in 2016. Structure is in very poor condition.

**6. Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:**

|              | 2017 | 2018 | 2019 | 2020 | 2021 | Total      |
|--------------|------|------|------|------|------|------------|
| <b>Gross</b> | \$0  | \$0  | \$0  | \$0  | \$0  | <b>\$0</b> |
| <b>Net</b>   | \$0  | \$0  | \$0  | \$0  | \$0  | <b>\$0</b> |

**7. Consequences/Implications of Not Undertaking Project (including alternatives):**

Safety concerns if not addressed

**8. Identify Sources and Amounts of Funding**

|              | Taxation         | Fed/Prov<br>Grants - OCIF |
|--------------|------------------|---------------------------|
| 2018         | \$0              | \$0                       |
| 2019         | \$600,438        | \$1,249,562               |
| 2020         | \$0              | \$0                       |
| 2021         | \$0              | \$0                       |
| 2022         | \$0              | \$0                       |
| <b>Total</b> | <b>\$600,438</b> | <b>\$1,249,562</b>        |

**9. Compliance with Council objective/strategic plan (if applicable):**

Vital crossing on Grey Road 109 at Holstein. Investment in Grey County infrastructure

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

**1. Department / Function: Construction, Resurfacing and Minor Capital - 2020**

**Details of Project/Study: Grey Road 4 and Grey Road 3 Intersection Improvements**

**2. Total Gross Cost of Proposed Capital Project/Study: \$500,000**

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              | \$500,000             |           |                 |

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018 | 2019 | 2020      | 2021 | 2022 | Total            |
|--------------|------|------|-----------|------|------|------------------|
| <b>Gross</b> | \$0  | \$0  | \$500,000 | \$0  | \$0  | <b>\$500,000</b> |
| <b>Net</b>   | \$0  | \$0  | \$327,065 | \$0  | \$0  | <b>\$327,065</b> |

**3. Estimated Useful Life: 20 Years**

**4. Location of Project/Study (if applicable):**

| Facility Name / Address                         | Municipality              |
|-------------------------------------------------|---------------------------|
| Grey Roads 3 and 4, Rural Section, Length - N/A | Municipality of West Grey |

**5. Need or Benefit(s) of Project (including safety issues):**

Intersection upgrades to facilitate safe vehicular movements through this intersection which is displaying increased volumes and several accidents yearly.

**6. Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:**

|              | 2017 | 2018 | 2019 | 2020 | 2021 | Total      |
|--------------|------|------|------|------|------|------------|
| <b>Gross</b> | \$0  | \$0  | \$0  | \$0  | \$0  | <b>\$0</b> |
| <b>Net</b>   | \$0  | \$0  | \$0  | \$0  | \$0  | <b>\$0</b> |

**7. Consequences/Implications of Not Undertaking Project (including alternatives):**

Operational deficiencies and possible safety issues.

**8. Identify Sources and Amounts of Funding**

|              | Taxation         | From Reserve - DC Category 4 |
|--------------|------------------|------------------------------|
| 2018         | \$0              | \$0                          |
| 2019         | \$0              | \$0                          |
| 2020         | \$327,065        | \$172,935                    |
| 2021         | \$0              | \$0                          |
| 2022         | \$0              | \$0                          |
| <b>Total</b> | <b>\$327,065</b> | <b>\$172,935</b>             |

**9. Compliance with Council objective/strategic plan (if applicable):**

Investing in Grey County Assets

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

**1. Department / Function: Construction, Resurfacing and Minor Capital - 2020**

**Details of Project/Study: Grey Road 4 Pulverize and Pave Rehabilitation: 1 km West of Grey Road 3 - Grey Road 3 (4022)**

**2. Total Gross Cost of Proposed Capital Project/Study: \$300,000**

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              | \$300,000             |           |                 |

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018 | 2019 | 2020      | 2021 | 2022 | Total            |
|--------------|------|------|-----------|------|------|------------------|
| <b>Gross</b> | \$0  | \$0  | \$300,000 | \$0  | \$0  | <b>\$300,000</b> |
| <b>Net</b>   | \$0  | \$0  | \$300,000 | \$0  | \$0  | <b>\$300,000</b> |

**3. Estimated Useful Life: 20 Years**

**4. Location of Project/Study (if applicable):**

| Facility Name / Address                     | Municipality              |
|---------------------------------------------|---------------------------|
| Grey Road 4, Rural Section, Length - 1.0 km | Municipality of West Grey |

**5. Need or Benefit(s) of Project (including safety issues):**

2016 PCI 63; Substantial edge cracking; Rehabilitate required to bring road back to a County standard as ride and surface condition will continue to deteriorate and become deficient.

**6. Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:**

|              | 2017 | 2018 | 2019 | 2020      | 2021 | Total            |
|--------------|------|------|------|-----------|------|------------------|
| <b>Gross</b> | \$0  | \$0  | \$0  | \$511,579 | \$0  | <b>\$511,579</b> |
| <b>Net</b>   | \$0  | \$0  | \$0  | \$511,579 | \$0  | <b>\$511,579</b> |

**7. Consequences/Implications of Not Undertaking Project (including alternatives):**

Road deterioration will lead to increased maintenance costs and possible safety issues.

**8. Identify Sources and Amounts of Funding**

|              | Taxation         |
|--------------|------------------|
| 2018         | \$0              |
| 2019         | \$0              |
| 2020         | \$300,000        |
| 2021         | \$0              |
| 2022         | \$0              |
| <b>Total</b> | <b>\$300,000</b> |

**9. Compliance with Council objective/strategic plan (if applicable):**

Investing in Grey County assets.

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

**1. Department / Function: Construction, Resurfacing and Minor Capital - 2020**

**Details of Project/Study: Grey Road 4 Reconstruction: Highway 6 to George Street(4045-4048)**

**2. Total Gross Cost of Proposed Capital Project/Study: \$653,000**

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              | \$653,000             |           |                 |

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018 | 2019 | 2020      | 2021 | 2022 | Total            |
|--------------|------|------|-----------|------|------|------------------|
| <b>Gross</b> | \$0  | \$0  | \$653,000 | \$0  | \$0  | <b>\$653,000</b> |
| <b>Net</b>   | \$0  | \$0  | \$653,000 | \$0  | \$0  | <b>\$653,000</b> |

**3. Estimated Useful Life: 20 years**

**4. Location of Project/Study (if applicable):**

| Facility Name / Address                     | Municipality              |
|---------------------------------------------|---------------------------|
| Grey Road 4, Urban Section, Length - 0.9 km | Municipality of West Grey |

**5. Need or Benefit(s) of Project (including safety issues):**

2015 PCI 55-63; Surface in need of rehabilitation in 5 year window. To be coordinated with West Grey scheduling of underground.

**6. Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:**

|              | 2017 | 2018 | 2019 | 2020 | 2021      | Total            |
|--------------|------|------|------|------|-----------|------------------|
| <b>Gross</b> | \$0  | \$0  | \$0  | \$0  | \$213,006 | <b>\$213,006</b> |
| <b>Net</b>   | \$0  | \$0  | \$0  | \$0  | \$213,006 | <b>\$213,006</b> |

**7. Consequences/Implications of Not Undertaking Project (including alternatives):**

Increase maintenance costs and rough ride.

**8. Identify Sources and Amounts of Funding**

|              | Taxation         |
|--------------|------------------|
| 2018         | \$0              |
| 2019         | \$0              |
| 2020         | \$653,000        |
| 2021         | \$0              |
| 2022         | \$0              |
| <b>Total</b> | <b>\$653,000</b> |

**9. Compliance with Council objective/strategic plan (if applicable):**

Investing in Grey County assets with lower tiers.

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

**1. Department / Function: Construction, Resurfacing and Minor Capital - 2020**

**Details of Project/Study: Grey Road 5 Reconstruction: 1st Street SW - 1st Street East (Harrison Park Entrance) (5024-5027)**

**2. Total Gross Cost of Proposed Capital Project/Study: \$1,500,000**

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              | \$1,500,000           |           |                 |

Changed limits/scope of work

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018 | 2019 | 2020        | 2021 | 2022 | Total              |
|--------------|------|------|-------------|------|------|--------------------|
| <b>Gross</b> | \$0  | \$0  | \$1,500,000 | \$0  | \$0  | <b>\$1,500,000</b> |
| <b>Net</b>   | \$0  | \$0  | \$445,575   | \$0  | \$0  | <b>\$445,575</b>   |

**3. Estimated Useful Life: 20 Years**

**4. Location of Project/Study (if applicable):**

| Facility Name / Address                                | Municipality       |
|--------------------------------------------------------|--------------------|
| Grey Road 5, Upgrade to Urban Section, Length - 0.6 km | City of Owen Sound |

**5. Need or Benefit(s) of Project (including safety issues):**

PCI 57; Rough ride, multiple surface defects – met functional service life – rehabilitate/reconstruct. Completed a temporary rehab project in 2015. Road should be constructed and an active transportation path initiated (either paved shoulders or a double wide path on one side). This is an area highly used by the public and there are currently no pedestrian facilities to get to Harrison Park from the south. Patch will be completed to carry through until 2020. Owen Sound has watermain work to complete.

**6. Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:**

|              | 2017 | 2018 | 2019 | 2020      | 2021 | Total            |
|--------------|------|------|------|-----------|------|------------------|
| <b>Gross</b> | \$0  | \$0  | \$0  | \$800,000 | \$0  | <b>\$800,000</b> |
| <b>Net</b>   | \$0  | \$0  | \$0  | \$463,557 | \$0  | <b>\$463,557</b> |

**7. Consequences/Implications of Not Undertaking Project (including alternatives):**

Road deterioration will lead to increased maintenance costs and possible safety issues. The slope should be stabilized.

**8. Identify Sources and Amounts of Funding**

|      | From Reserve - DC Category 2 | Taxation  |
|------|------------------------------|-----------|
| 2018 | \$0                          | \$0       |
| 2019 | \$0                          | \$0       |
| 2020 | \$1,054,425                  | \$445,575 |
| 2021 | \$0                          | \$0       |
| 2022 | \$0                          | \$0       |

|              |                    |                  |
|--------------|--------------------|------------------|
| <b>Total</b> | <b>\$1,054,425</b> | <b>\$445,575</b> |
|--------------|--------------------|------------------|

**9. Compliance with Council objective/strategic plan (if applicable):**

Encourage active transportation.

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

**1. Department / Function: Construction, Resurfacing and Minor Capital - 2020**

**Details of Project/Study: Grey Road 5 Reconstruction - 7th St SW to 1st Street SW (5021)**

**2. Total Gross Cost of Proposed Capital Project/Study: \$1,500,000**

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              | \$1,500,000           |           |                 |

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018 | 2019 | 2020        | 2021 | 2022 | Total              |
|--------------|------|------|-------------|------|------|--------------------|
| <b>Gross</b> | \$0  | \$0  | \$1,500,000 | \$0  | \$0  | <b>\$1,500,000</b> |
| <b>Net</b>   | \$0  | \$0  | \$510,136   | \$0  | \$0  | <b>\$510,136</b>   |

**3. Estimated Useful Life: 20 years**

**4. Location of Project/Study (if applicable):**

| Facility Name / Address                              | Municipality                |
|------------------------------------------------------|-----------------------------|
| Grey Road 5, Upgrade to Urban Section, Length 1.0 km | Township of Georgian Bluffs |

**5. Need or Benefit(s) of Project (including safety issues):**

2016 PCI of 36 and in need of upgrading. Watermain ownership (Owen Sound or Georgian Bluffs) should be resolved prior to construction.

**6. Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:**

|              | 2017 | 2018 | 2019 | 2020      | 2021 | Total            |
|--------------|------|------|------|-----------|------|------------------|
| <b>Gross</b> | \$0  | \$0  | \$0  | \$516,715 | \$0  | <b>\$516,715</b> |
| <b>Net</b>   | \$0  | \$0  | \$0  | \$299,408 | \$0  | <b>\$299,408</b> |

**7. Consequences/Implications of Not Undertaking Project (including alternatives):**

Road will continue to deteriorate and cause maintenance and safety concern.

**8. Identify Sources and Amounts of Funding**

|              | From Reserve - DC Category 2 | Taxation         |
|--------------|------------------------------|------------------|
| 2018         | \$0                          | \$0              |
| 2019         | \$0                          | \$0              |
| 2020         | \$989,864                    | \$510,136        |
| 2021         | \$0                          | \$0              |
| 2022         | \$0                          | \$0              |
| <b>Total</b> | <b>\$989,864</b>             | <b>\$510,136</b> |

**9. Compliance with Council objective/strategic plan (if applicable):**

Investing in the Grey County capital assets.

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

**1. Department / Function: Construction, Resurfacing and Minor Capital - 2020**

**Details of Project/Study: Grey Road 9 Pulverize and Pave  
Rehabilitation: Grey Road 109 to Grey Road 23 (9030)**

**2. Total Gross Cost of Proposed Capital Project/Study: \$2,000,000**

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              | \$2,000,000           |           |                 |

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018 | 2019 | 2020        | 2021 | 2022 | Total              |
|--------------|------|------|-------------|------|------|--------------------|
| <b>Gross</b> | \$0  | \$0  | \$2,000,000 | \$0  | \$0  | <b>\$2,000,000</b> |
| <b>Net</b>   | \$0  | \$0  | \$750,438   | \$0  | \$0  | <b>\$750,438</b>   |

**3. Estimated Useful Life: 20 years**

**4. Location of Project/Study (if applicable):**

| Facility Name / Address                     | Municipality          |
|---------------------------------------------|-----------------------|
| Grey Road 9, Rural Section, Length - 8.0 km | Township of Southgate |

**5. Need or Benefit(s) of Project (including safety issues):**

2016 PCI 53. Rough ride with multiple surface defects, has reached functional service life.

**6. Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:**

|              | 2017 | 2018 | 2019 | 2020 | 2021 | Total      |
|--------------|------|------|------|------|------|------------|
| <b>Gross</b> | \$0  | \$0  | \$0  | \$0  | \$0  | <b>\$0</b> |
| <b>Net</b>   | \$0  | \$0  | \$0  | \$0  | \$0  | <b>\$0</b> |

**7. Consequences/Implications of Not Undertaking Project (including alternatives):**

Will require more maintenance which may become excessive and unachievable.

**8. Identify Sources and Amounts of Funding**

|              | Taxation         | Fed/Prov<br>Grants - OCIF |
|--------------|------------------|---------------------------|
| 2018         | \$0              | \$0                       |
| 2019         | \$0              | \$0                       |
| 2020         | \$750,438        | \$1,249,562               |
| 2021         | \$0              | \$0                       |
| 2022         | \$0              | \$0                       |
| <b>Total</b> | <b>\$750,438</b> | <b>\$1,249,562</b>        |

**9. Compliance with Council objective/strategic plan (if applicable):**

Investing in Grey County road assets to ensure a safe reliable transportation network.

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

**1. Department / Function: Construction, Resurfacing and Minor Capital - 2020**

Details of Project/Study: **Grey Road 9 Rehabilitation:  
Melancthon-Osprey Townline - Grey Road 124  
(9060-9069)**

**2. Total Gross Cost of Proposed Capital Project/Study: \$2,150,000**

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              | \$2,150,000           |           |                 |

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018 | 2019 | 2020        | 2021 | 2022 | Total              |
|--------------|------|------|-------------|------|------|--------------------|
| <b>Gross</b> | \$0  | \$0  | \$2,150,000 | \$0  | \$0  | <b>\$2,150,000</b> |
| <b>Net</b>   | \$0  | \$0  | \$562,640   | \$0  | \$0  | <b>\$562,640</b>   |

**3. Estimated Useful Life: 20 Years**

**4. Location of Project/Study (if applicable):**

| Facility Name / Address                         | Municipality                   |
|-------------------------------------------------|--------------------------------|
| Grey Road 9, Mixed Rural/Urban, Length - 8.9 km | Municipality of Grey Highlands |

**5. Need or Benefit(s) of Project (including safety issues):**

Improve ride and safety and decrease maintenance.

**6. Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:**

|              | 2017 | 2018 | 2019 | 2020        | 2021 | Total              |
|--------------|------|------|------|-------------|------|--------------------|
| <b>Gross</b> | \$0  | \$0  | \$0  | \$1,490,627 | \$0  | <b>\$1,490,627</b> |
| <b>Net</b>   | \$0  | \$0  | \$0  | \$1,490,627 | \$0  | <b>\$1,490,627</b> |

**7. Consequences/Implications of Not Undertaking Project (including alternatives):**

Increased deterioration at an accelerated rate.

**8. Identify Sources and Amounts of Funding**

|              | Taxation         | From Reserve -<br>Federal Gas Tax | Partners -<br>Dufferin County |
|--------------|------------------|-----------------------------------|-------------------------------|
| 2018         | \$0              | \$0                               | \$0                           |
| 2019         | \$0              | \$0                               | \$0                           |
| 2020         | \$562,640        | \$1,200,000                       | \$387,360                     |
| 2021         | \$0              | \$0                               | \$0                           |
| 2022         | \$0              | \$0                               | \$0                           |
| <b>Total</b> | <b>\$562,640</b> | <b>\$1,200,000</b>                | <b>\$387,360</b>              |

**9. Compliance with Council objective/strategic plan (if applicable):**

Investing in Grey County assets.

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

**1. Department / Function: Construction, Resurfacing and Minor Capital - 2020**

**Details of Project/Study: Grey Road 11 Pulverize & Pave Rehabilitation: 500m South of Highway 26 - Highway 26 (11012)**

**2. Total Gross Cost of Proposed Capital Project/Study: \$150,000**

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              | \$150,000             |           |                 |

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018 | 2019 | 2020      | 2021 | 2022 | Total            |
|--------------|------|------|-----------|------|------|------------------|
| <b>Gross</b> | \$0  | \$0  | \$150,000 | \$0  | \$0  | <b>\$150,000</b> |
| <b>Net</b>   | \$0  | \$0  | \$150,000 | \$0  | \$0  | <b>\$150,000</b> |

**3. Estimated Useful Life: 20 Years**

**4. Location of Project/Study (if applicable):**

| Facility Name / Address             | Municipality            |
|-------------------------------------|-------------------------|
| Grey Road 11, Rural Section, 0.5 km | Municipality of Meaford |

**5. Need or Benefit(s) of Project (including safety issues):**

Rehabilitate deteriorated road to a County standard with paved shoulders

**6. Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:**

|              | 2017 | 2018 | 2019      | 2020 | 2021 | Total            |
|--------------|------|------|-----------|------|------|------------------|
| <b>Gross</b> | \$0  | \$0  | \$107,462 | \$0  | \$0  | <b>\$107,462</b> |
| <b>Net</b>   | \$0  | \$0  | \$107,462 | \$0  | \$0  | <b>\$107,462</b> |

**7. Consequences/Implications of Not Undertaking Project (including alternatives):**

Road deterioration will lead to increased maintenance costs and possible safety issues.

**8. Identify Sources and Amounts of Funding**

|              | Taxation         |
|--------------|------------------|
| 2018         | \$0              |
| 2019         | \$0              |
| 2020         | \$150,000        |
| 2021         | \$0              |
| 2022         | \$0              |
| <b>Total</b> | <b>\$150,000</b> |

**9. Compliance with Council objective/strategic plan (if applicable):**

Important economic truck and quarry route for commercial traffic.

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

**1. Department / Function: Construction, Resurfacing and Minor Capital - 2020**

**Details of Project/Study: Grey Road 12 Double Lift Micro Markdale: Terra Drive to Lawler Drive(12015-12027)**

**2. Total Gross Cost of Proposed Capital Project/Study: \$110,000**

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              | \$110,000             |           |                 |

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018 | 2019 | 2020      | 2021 | 2022 | Total            |
|--------------|------|------|-----------|------|------|------------------|
| <b>Gross</b> | \$0  | \$0  | \$110,000 | \$0  | \$0  | <b>\$110,000</b> |
| <b>Net</b>   | \$0  | \$0  | \$110,000 | \$0  | \$0  | <b>\$110,000</b> |

**3. Estimated Useful Life: 7 Years**

**4. Location of Project/Study (if applicable):**

| Facility Name / Address                      | Municipality                   |
|----------------------------------------------|--------------------------------|
| Grey Road 12, Urban Section, Length - 1.7 km | Municipality of Grey Highlands |

**5. Need or Benefit(s) of Project (including safety issues):**

Extend the useful service life of this section and hold until Municipality initiates more extensive urban rehabilitation

**6. Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:**

|              | 2017 | 2018 | 2019 | 2020 | 2021 | Total      |
|--------------|------|------|------|------|------|------------|
| <b>Gross</b> | \$0  | \$0  | \$0  | \$0  | \$0  | <b>\$0</b> |
| <b>Net</b>   | \$0  | \$0  | \$0  | \$0  | \$0  | <b>\$0</b> |

**7. Consequences/Implications of Not Undertaking Project (including alternatives):**

2016 PCI 50 - 73; Section will deteriorate at an accelerated pace and require rehabilitation sooner.

**8. Identify Sources and Amounts of Funding**

|              | Taxation         |
|--------------|------------------|
| 2018         | \$0              |
| 2019         | \$0              |
| 2020         | \$110,000        |
| 2021         | \$0              |
| 2022         | \$0              |
| <b>Total</b> | <b>\$110,000</b> |

**9. Compliance with Council objective/strategic plan (if applicable):**

Investing in and preserving Grey County assets

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

**1. Department / Function: Construction, Resurfacing and Minor Capital - 2020**

**Details of Project/Study: Grey Road 13 Pulverize & Pave Rehabilitation: Grey Road 4 - South Limit of Eugenia (13003)**

**2. Total Gross Cost of Proposed Capital Project/Study: \$500,000**

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              | \$500,000             |           |                 |

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018 | 2019 | 2020      | 2021 | 2022 | Total            |
|--------------|------|------|-----------|------|------|------------------|
| <b>Gross</b> | \$0  | \$0  | \$500,000 | \$0  | \$0  | <b>\$500,000</b> |
| <b>Net</b>   | \$0  | \$0  | \$500,000 | \$0  | \$0  | <b>\$500,000</b> |

**3. Estimated Useful Life: 20 Years**

**4. Location of Project/Study (if applicable):**

| Facility Name / Address                      | Municipality       |
|----------------------------------------------|--------------------|
| Grey Road 13, Rural Section, Length - 2.0 km | The Blue Mountains |

**5. Need or Benefit(s) of Project (including safety issues):**

PCI 49 ; Rough ride, multiple surface defects – approaching functional service life – rehabilitate/reconstruct.

**6. Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:**

|              | 2017 | 2018 | 2019      | 2020 | 2021 | Total            |
|--------------|------|------|-----------|------|------|------------------|
| <b>Gross</b> | \$0  | \$0  | \$438,772 | \$0  | \$0  | <b>\$438,772</b> |
| <b>Net</b>   | \$0  | \$0  | \$438,772 | \$0  | \$0  | <b>\$438,772</b> |

**7. Consequences/Implications of Not Undertaking Project (including alternatives):**

Road deterioration will lead to increased maintenance costs and possible safety issues.

**8. Identify Sources and Amounts of Funding**

|              | Taxation         |
|--------------|------------------|
| 2018         | \$0              |
| 2019         | \$0              |
| 2020         | \$500,000        |
| 2021         | \$0              |
| 2022         | \$0              |
| <b>Total</b> | <b>\$500,000</b> |

**9. Compliance with Council objective/strategic plan (if applicable):**

Investing in Grey County assets.

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

**1. Department / Function: Construction, Resurfacing and Minor Capital - 2020**

**Details of Project/Study: Grey Road 13 Pulverize and Pave: Grey Road 40 to Clark St. (13054-13060)**

**2. Total Gross Cost of Proposed Capital Project/Study: \$896,695**

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              | \$896,695             |           |                 |

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018 | 2019 | 2020      | 2021 | 2022 | Total            |
|--------------|------|------|-----------|------|------|------------------|
| <b>Gross</b> | \$0  | \$0  | \$896,695 | \$0  | \$0  | <b>\$896,695</b> |
| <b>Net</b>   | \$0  | \$0  | \$96,695  | \$0  | \$0  | <b>\$96,695</b>  |

**3. Estimated Useful Life: 20 years**

**4. Location of Project/Study (if applicable):**

| Facility Name / Address                                  | Municipality       |
|----------------------------------------------------------|--------------------|
| Grey Road 13, Mixed Rural/Urban Section, Length - 2.4 km | The Blue Mountains |

**5. Need or Benefit(s) of Project (including safety issues):**

The road has exceeded its useful life. PCIs of 32,60,66.

**6. Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:**

|              | 2017 | 2018 | 2019 | 2020      | 2021 | Total            |
|--------------|------|------|------|-----------|------|------------------|
| <b>Gross</b> | \$0  | \$0  | \$0  | \$896,695 | \$0  | <b>\$896,695</b> |
| <b>Net</b>   | \$0  | \$0  | \$0  | \$96,695  | \$0  | <b>\$96,695</b>  |

**7. Consequences/Implications of Not Undertaking Project (including alternatives):**

Road deterioration will lead to increased maintenance costs and possible safety issues.

**8. Identify Sources and Amounts of Funding**

|              | Taxation        | From Reserve - Federal Gas Tax |
|--------------|-----------------|--------------------------------|
| 2018         | \$0             | \$0                            |
| 2019         | \$0             | \$0                            |
| 2020         | \$96,695        | \$800,000                      |
| 2021         | \$0             | \$0                            |
| 2022         | \$0             | \$0                            |
| <b>Total</b> | <b>\$96,695</b> | <b>\$800,000</b>               |

**9. Compliance with Council objective/strategic plan (if applicable):**

Investment in Grey County assets.

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

**1. Department / Function: Construction, Resurfacing and Minor Capital - 2020**

**Details of Project/Study: Grey Road 19 Pulverize & Pave Rehabilitation: The Blue Mountains/Clearview Townline - Grey Road 21 & Intersection Upgrades (19024-19027)**

**2. Total Gross Cost of Proposed Capital Project/Study: \$4,500,000**

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              | \$4,500,000           |           |                 |

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018 | 2019 | 2020        | 2021 | 2022 | Total              |
|--------------|------|------|-------------|------|------|--------------------|
| <b>Gross</b> | \$0  | \$0  | \$4,500,000 | \$0  | \$0  | <b>\$4,500,000</b> |
| <b>Net</b>   | \$0  | \$0  | \$682,743   | \$0  | \$0  | <b>\$682,743</b>   |

**3. Estimated Useful Life: 25 Years**

**4. Location of Project/Study (if applicable):**

| Facility Name / Address                      | Municipality       |
|----------------------------------------------|--------------------|
| Grey Road 19, Rural Section, Length - 3.1 km | The Blue Mountains |

**5. Need or Benefit(s) of Project (including safety issues):**

Intersection is experiencing serious operational problems - roundabout proposed; Grey Road 19 2016 PCI 48-58

**6. Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:**

|              | 2017 | 2018 | 2019 | 2020 | 2021 | Total      |
|--------------|------|------|------|------|------|------------|
| <b>Gross</b> | \$0  | \$0  | \$0  | \$0  | \$0  | <b>\$0</b> |
| <b>Net</b>   | \$0  | \$0  | \$0  | \$0  | \$0  | <b>\$0</b> |

**7. Consequences/Implications of Not Undertaking Project (including alternatives):**  
Safety

**8. Identify Sources and Amounts of Funding**

|              | From Reserve - Construction Reserve | From Reserve - DC Category 4 | Partners - Simcoe and Collingwood | Taxation         |
|--------------|-------------------------------------|------------------------------|-----------------------------------|------------------|
| 2018         | \$0                                 | \$0                          | \$0                               | \$0              |
| 2019         | \$0                                 | \$0                          | \$0                               | \$0              |
| 2020         | \$287,991                           | \$1,279,266                  | \$2,250,000                       | \$682,743        |
| 2021         | \$0                                 | \$0                          | \$0                               | \$0              |
| 2022         | \$0                                 | \$0                          | \$0                               | \$0              |
| <b>Total</b> | <b>\$287,991</b>                    | <b>\$1,279,266</b>           | <b>\$2,250,000</b>                | <b>\$682,743</b> |

**9. Compliance with Council objective/strategic plan (if applicable):**

Investing in Grey County assets

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

**1. Department / Function: Construction, Resurfacing and Minor Capital - 2020**

**Details of Project/Study: Structure 900-164 Glenelg Road 23**

**2. Total Gross Cost of Proposed Capital Project/Study: \$1,100,000**

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              | \$1,100,000           |           |                 |

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018 | 2019 | 2020        | 2021 | 2022 | Total              |
|--------------|------|------|-------------|------|------|--------------------|
| <b>Gross</b> | \$0  | \$0  | \$1,100,000 | \$0  | \$0  | <b>\$1,100,000</b> |
| <b>Net</b>   | \$0  | \$0  | \$200,000   | \$0  | \$0  | <b>\$200,000</b>   |

**3. Estimated Useful Life: 75 Years**

**4. Location of Project/Study (if applicable):**

| Facility Name / Address | Municipality |
|-------------------------|--------------|
|                         |              |

**5. Need or Benefit(s) of Project (including safety issues):**

2014 BCI 49.45. Structure built in 1945, getting close to reaching expected service life. Municipality changing road geometrics, bridge will have to be done to accommodate Municipal work.

**6. Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:**

|              | 2017 | 2018 | 2019 | 2020 | 2021 | Total      |
|--------------|------|------|------|------|------|------------|
| <b>Gross</b> | \$0  | \$0  | \$0  | \$0  | \$0  | <b>\$0</b> |
| <b>Net</b>   | \$0  | \$0  | \$0  | \$0  | \$0  | <b>\$0</b> |

**7. Consequences/Implications of Not Undertaking Project (including alternatives):**

Will delay municipal improvements to corridor.

**8. Identify Sources and Amounts of Funding**

|              | Taxation         | From Reserve - Federal Gas Tax |
|--------------|------------------|--------------------------------|
| 2018         | \$0              | \$0                            |
| 2019         | \$0              | \$0                            |
| 2020         | \$200,000        | \$900,000                      |
| 2021         | \$0              | \$0                            |
| 2022         | \$0              | \$0                            |
| <b>Total</b> | <b>\$200,000</b> | <b>\$900,000</b>               |

**9. Compliance with Council objective/strategic plan (if applicable):**

Investing in Grey County assets.

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

**1. Department / Function: Construction, Resurfacing and Minor Capital - 2020**

**Details of Project/Study: Structure 009-900 Grey Road 9 Lot 13, Conc XIII/XIV, Normanby**

**2. Total Gross Cost of Proposed Capital Project/Study: \$1,100,000**

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              | \$1,100,000           |           |                 |

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018 | 2019 | 2020        | 2021 | 2022 | Total              |
|--------------|------|------|-------------|------|------|--------------------|
| <b>Gross</b> | \$0  | \$0  | \$1,100,000 | \$0  | \$0  | <b>\$1,100,000</b> |
| <b>Net</b>   | \$0  | \$0  | \$1,100,000 | \$0  | \$0  | <b>\$1,100,000</b> |

**3. Estimated Useful Life: 75 Years**

**4. Location of Project/Study (if applicable):**

| Facility Name / Address | Municipality              |
|-------------------------|---------------------------|
| N/A                     | Municipality of West Grey |

**5. Need or Benefit(s) of Project (including safety issues):**

BCI 24.65. 3.7 m span concrete culvert in poor condition, needs replacement.

**6. Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:**

|              | 2017 | 2018 | 2019 | 2020        | 2021 | Total              |
|--------------|------|------|------|-------------|------|--------------------|
| <b>Gross</b> | \$0  | \$0  | \$0  | \$1,387,805 | \$0  | <b>\$1,387,805</b> |
| <b>Net</b>   | \$0  | \$0  | \$0  | \$1,387,805 | \$0  | <b>\$1,387,805</b> |

**7. Consequences/Implications of Not Undertaking Project (including alternatives):**

Safety concerns if not addressed.

**8. Identify Sources and Amounts of Funding**

|              | Taxation           |
|--------------|--------------------|
| 2018         | \$0                |
| 2019         | \$0                |
| 2020         | \$1,100,000        |
| 2021         | \$0                |
| 2022         | \$0                |
| <b>Total</b> | <b>\$1,100,000</b> |

**9. Compliance with Council objective/strategic plan (if applicable):**

Investment in Grey County Infrastructure

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

**1. Department / Function: Construction, Resurfacing and Minor Capital - 2021**

**Details of Project/Study: Grey Road 2 Pulverize and Pave - 18th Sideroad to 24th Sideroad (2045-2048)**

**2. Total Gross Cost of Proposed Capital Project/Study: \$900,000**

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              | \$900,000             |           |                 |

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018 | 2019 | 2020 | 2021      | 2022 | Total            |
|--------------|------|------|------|-----------|------|------------------|
| <b>Gross</b> | \$0  | \$0  | \$0  | \$900,000 | \$0  | <b>\$900,000</b> |
| <b>Net</b>   | \$0  | \$0  | \$0  | \$900,000 | \$0  | <b>\$900,000</b> |

**3. Estimated Useful Life: 20 years**

**4. Location of Project/Study (if applicable):**

| Facility Name / Address                     | Municipality |
|---------------------------------------------|--------------|
| Grey Road 2, Rural Section, Length - 3.7 km |              |

**5. Need or Benefit(s) of Project (including safety issues):**

PCI of 57 and 58. Surface is deteriorating

**6. Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:**

|              | 2017 | 2018 | 2019 | 2020 | 2021      | Total            |
|--------------|------|------|------|------|-----------|------------------|
| <b>Gross</b> | \$0  | \$0  | \$0  | \$0  | \$795,000 | <b>\$795,000</b> |
| <b>Net</b>   | \$0  | \$0  | \$0  | \$0  | \$795,000 | <b>\$795,000</b> |

**7. Consequences/Implications of Not Undertaking Project (including alternatives):**

Failure to improve will result in increased maintenance costs.

**8. Identify Sources and Amounts of Funding**

|              | Taxation         |
|--------------|------------------|
| 2018         | \$0              |
| 2019         | \$0              |
| 2020         | \$0              |
| 2021         | \$900,000        |
| 2022         | \$0              |
| <b>Total</b> | <b>\$900,000</b> |

**9. Compliance with Council objective/strategic plan (if applicable):**

Improving the active transportation network and investing in Grey County assets.

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

**1. Department / Function: Construction, Resurfacing and Minor Capital - 2021**

Details of Project/Study: **Grey Road 5 Intersection Improvements: 6th Street East at 9th Avenue East, Owen Sound**

**2. Total Gross Cost of Proposed Capital Project/Study: \$150,000**

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              | \$150,000             |           |                 |

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018 | 2019 | 2020 | 2021      | 2022 | Total            |
|--------------|------|------|------|-----------|------|------------------|
| <b>Gross</b> | \$0  | \$0  | \$0  | \$150,000 | \$0  | <b>\$150,000</b> |
| <b>Net</b>   | \$0  | \$0  | \$0  | \$150,000 | \$0  | <b>\$150,000</b> |

**3. Estimated Useful Life:**

**4. Location of Project/Study (if applicable):**

| Facility Name / Address                  | Municipality       |
|------------------------------------------|--------------------|
| Grey Road 5, Urban Section, Length - N/A | City of Owen Sound |

**5. Need or Benefit(s) of Project (including safety issues):**

Operational deficiencies exist at this intersection, accidents.

**6. Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:**

|              | 2017 | 2018 | 2019 | 2020 | 2021 | Total      |
|--------------|------|------|------|------|------|------------|
| <b>Gross</b> | \$0  | \$0  | \$0  | \$0  | \$0  | <b>\$0</b> |
| <b>Net</b>   | \$0  | \$0  | \$0  | \$0  | \$0  | <b>\$0</b> |

**7. Consequences/Implications of Not Undertaking Project (including alternatives):**

Safety

**8. Identify Sources and Amounts of Funding**

|              | Taxation         |
|--------------|------------------|
| 2018         | \$0              |
| 2019         | \$0              |
| 2020         | \$0              |
| 2021         | \$150,000        |
| 2022         | \$0              |
| <b>Total</b> | <b>\$150,000</b> |

**9. Compliance with Council objective/strategic plan (if applicable):**

Investing in Grey County assets

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

**1. Department / Function: Construction, Resurfacing and Minor Capital - 2021**

**Details of Project/Study: Grey Road 7 Pulverize and Pave Rehabilitation: 2.8 km north of Grey Road 13 to Sideroad 22B (7006,7009)**

**2. Total Gross Cost of Proposed Capital Project/Study: \$1,600,000**

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              | \$1,600,000           |           |                 |

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018 | 2019 | 2020 | 2021        | 2022 | Total              |
|--------------|------|------|------|-------------|------|--------------------|
| <b>Gross</b> | \$0  | \$0  | \$0  | \$1,600,000 | \$0  | <b>\$1,600,000</b> |
| <b>Net</b>   | \$0  | \$0  | \$0  | \$350,438   | \$0  | <b>\$350,438</b>   |

**3. Estimated Useful Life: 20 Years**

**4. Location of Project/Study (if applicable):**

| Facility Name / Address                     | Municipality                   |
|---------------------------------------------|--------------------------------|
| Grey Road 7, Rural Section, Length - 6.6 km | Municipality of Grey Highlands |

**5. Need or Benefit(s) of Project (including safety issues):**

2015 PCI 49; Pavement has reached its life expectancy and falls in the 5 year window for a rehabilitation, ride is starting to suffer.

**6. Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:**

|              | 2017 | 2018 | 2019 | 2020 | 2021        | Total              |
|--------------|------|------|------|------|-------------|--------------------|
| <b>Gross</b> | \$0  | \$0  | \$0  | \$0  | \$1,411,000 | <b>\$1,411,000</b> |
| <b>Net</b>   | \$0  | \$0  | \$0  | \$0  | \$1,411,000 | <b>\$1,411,000</b> |

**7. Consequences/Implications of Not Undertaking Project (including alternatives):**

Surface expected to deteriorate increasing maintenance required.

**8. Identify Sources and Amounts of Funding**

|              | Taxation         | Fed/Prov Grants - OCIF |
|--------------|------------------|------------------------|
| 2018         | \$0              | \$0                    |
| 2019         | \$0              | \$0                    |
| 2020         | \$0              | \$0                    |
| 2021         | \$350,438        | \$1,249,562            |
| 2022         | \$0              | \$0                    |
| <b>Total</b> | <b>\$350,438</b> | <b>\$1,249,562</b>     |

**9. Compliance with Council objective/strategic plan (if applicable):**

Investing in Grey County assets.

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

**1. Department / Function: Construction, Resurfacing and Minor Capital - 2021**

**Details of Project/Study: Grey Road 10 Pulverize and Pave: Highway 21 to Hepworth**

**2. Total Gross Cost of Proposed Capital Project/Study: \$2,337,548**

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              | \$2,337,548           |           |                 |

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018 | 2019 | 2020 | 2021        | 2022 | Total              |
|--------------|------|------|------|-------------|------|--------------------|
| <b>Gross</b> | \$0  | \$0  | \$0  | \$2,337,548 | \$0  | <b>\$2,337,548</b> |
| <b>Net</b>   | \$0  | \$0  | \$0  | \$1,168,774 | \$0  | <b>\$1,168,774</b> |

**3. Estimated Useful Life: 20 years**

**4. Location of Project/Study (if applicable):**

| Facility Name / Address                | Municipality                |
|----------------------------------------|-----------------------------|
| Grey-Bruce Line, Rural Section, 6.6 km | Township of Georgian Bluffs |

**5. Need or Benefit(s) of Project (including safety issues):**

2016 PCI 59-75; Ride and Surface are deteriorating, projected will need rehabilitation towards end of 5 year window.

**6. Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:**

|              | 2017 | 2018 | 2019 | 2020 | 2021        | Total              |
|--------------|------|------|------|------|-------------|--------------------|
| <b>Gross</b> | \$0  | \$0  | \$0  | \$0  | \$2,337,548 | <b>\$2,337,548</b> |
| <b>Net</b>   | \$0  | \$0  | \$0  | \$0  | \$1,168,774 | <b>\$1,168,774</b> |

**7. Consequences/Implications of Not Undertaking Project (including alternatives):**

Road will continue to deteriorate impacting ride and incurring additional maintenance costs.

**8. Identify Sources and Amounts of Funding**

|              | Partners -<br>Boundary Road<br>with Bruce | Taxation           |
|--------------|-------------------------------------------|--------------------|
| 2018         | \$0                                       | \$0                |
| 2019         | \$0                                       | \$0                |
| 2020         | \$0                                       | \$0                |
| 2021         | \$1,168,774                               | \$1,168,774        |
| 2022         | \$0                                       | \$0                |
| <b>Total</b> | <b>\$1,168,774</b>                        | <b>\$1,168,774</b> |

**9. Compliance with Council objective/strategic plan (if applicable):**

Investing in Grey County assets with partners.

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

**1. Department / Function: Construction, Resurfacing and Minor Capital - 2021**

**Details of Project/Study: Grey Road 15 Reconstruction: 10th Street East - 18th Street (15015-15024)**

**2. Total Gross Cost of Proposed Capital Project/Study: \$1,500,000**

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              | \$1,500,000           |           |                 |

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018 | 2019 | 2020 | 2021        | 2022 | Total              |
|--------------|------|------|------|-------------|------|--------------------|
| <b>Gross</b> | \$0  | \$0  | \$0  | \$1,500,000 | \$0  | <b>\$1,500,000</b> |
| <b>Net</b>   | \$0  | \$0  | \$0  | \$954,316   | \$0  | <b>\$954,316</b>   |

**3. Estimated Useful Life: 20 Years**

**4. Location of Project/Study (if applicable):**

| Facility Name / Address                      | Municipality       |
|----------------------------------------------|--------------------|
| Grey Road 15, Urban Section, Length - 2.0 km | City of Owen Sound |

**5. Need or Benefit(s) of Project (including safety issues):**

2016 PCI 67-76; Road is deteriorated and ride is compromised. Project will have to coincide with Owen Sound schedule to address underground.

**6. Scheduling and Cost of Project/Study in 2017-2021 Capital Plan: 2020**

|              | 2017 | 2018 | 2019 | 2020      | 2021 | Total            |
|--------------|------|------|------|-----------|------|------------------|
| <b>Gross</b> | \$0  | \$0  | \$0  | \$917,457 | \$0  | <b>\$917,457</b> |
| <b>Net</b>   | \$0  | \$0  | \$0  | \$690,032 | \$0  | <b>\$690,032</b> |

**7. Consequences/Implications of Not Undertaking Project (including alternatives):**

Maintenance costs will increase and ride will continue to be compromised.

**8. Identify Sources and Amounts of Funding**

|              | From Reserve - DC Category 4 | From Reserve - DC Category 2 | Taxation         | Partners - City of Owen Sound |
|--------------|------------------------------|------------------------------|------------------|-------------------------------|
| 2018         | \$0                          | \$0                          | \$0              | \$0                           |
| 2019         | \$0                          | \$0                          | \$0              | \$0                           |
| 2020         | \$0                          | \$0                          | \$0              | \$0                           |
| 2021         | \$213,500                    | \$165,517                    | \$954,316        | \$166,667                     |
| 2022         | \$0                          | \$0                          | \$0              | \$0                           |
| <b>Total</b> | <b>\$213,500</b>             | <b>\$165,517</b>             | <b>\$954,316</b> | <b>\$166,667</b>              |

**9. Compliance with Council objective/strategic plan (if applicable):**

Investing in Grey County assets.

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

**1. Department / Function: Construction, Resurfacing and Minor Capital - 2021**

**Details of Project/Study: Grey Road 17 Preventative Overlay:  
Grey Road 17A - Grey Road 170 (17005-17008)**

**2. Total Gross Cost of Proposed Capital Project/Study: \$575,000**

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              | \$575,000             |           |                 |

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018 | 2019 | 2020 | 2021      | 2022 | Total            |
|--------------|------|------|------|-----------|------|------------------|
| <b>Gross</b> | \$0  | \$0  | \$0  | \$575,000 | \$0  | <b>\$575,000</b> |
| <b>Net</b>   | \$0  | \$0  | \$0  | \$275,000 | \$0  | <b>\$275,000</b> |

**3. Estimated Useful Life: 12 Years**

**4. Location of Project/Study (if applicable):**

| Facility Name / Address                      | Municipality                |
|----------------------------------------------|-----------------------------|
| Grey Road 17, Rural Section, Length - 2.0 km | Township of Georgian Bluffs |

**5. Need or Benefit(s) of Project (including safety issues):**

2016 PCI 81; Add lift to improve structural adequacy and help extend asset service life to expected longevity. Quarry Trucks

**6. Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:**

|              | 2017 | 2018 | 2019 | 2020 | 2021      | Total            |
|--------------|------|------|------|------|-----------|------------------|
| <b>Gross</b> | \$0  | \$0  | \$0  | \$0  | \$859,404 | <b>\$859,404</b> |
| <b>Net</b>   | \$0  | \$0  | \$0  | \$0  | \$859,404 | <b>\$859,404</b> |

**7. Consequences/Implications of Not Undertaking Project (including alternatives):**

Increased deterioration at an accelerated rate (trucks).

**8. Identify Sources and Amounts of Funding**

|              | Taxation         | From Reserve -<br>Federal Gas Tax |
|--------------|------------------|-----------------------------------|
| 2018         | \$0              | \$0                               |
| 2019         | \$0              | \$0                               |
| 2020         | \$0              | \$0                               |
| 2021         | \$275,000        | \$300,000                         |
| 2022         | \$0              | \$0                               |
| <b>Total</b> | <b>\$275,000</b> | <b>\$300,000</b>                  |

**9. Compliance with Council objective/strategic plan (if applicable):**

Investing in Grey County assets.

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

**1. Department / Function: Construction, Resurfacing and Minor Capital - 2021**

**Details of Project/Study: Grey Road 18 Pulverize & Pave: Grey Road 11 - Grey Road 29 (18015 - 18018)**

**2. Total Gross Cost of Proposed Capital Project/Study: \$1,988,780**

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              | \$1,988,780           |           |                 |

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018 | 2019 | 2020 | 2021        | 2022 | Total              |
|--------------|------|------|------|-------------|------|--------------------|
| <b>Gross</b> | \$0  | \$0  | \$0  | \$1,988,780 | \$0  | <b>\$1,988,780</b> |
| <b>Net</b>   | \$0  | \$0  | \$0  | \$438,780   | \$0  | <b>\$438,780</b>   |

**3. Estimated Useful Life: 20 years**

**4. Location of Project/Study (if applicable):**

| Facility Name / Address                      | Municipality            |
|----------------------------------------------|-------------------------|
| Grey Road 18, Rural Section, Length - 8.2 km | Municipality of Meaford |

**5. Need or Benefit(s) of Project (including safety issues):**

2016 PCI 50-55 Surface is deteriorating and will require rehabilitation within 5 year window.

**6. Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:**

|              | 2017 | 2018 | 2019 | 2020 | 2021        | Total              |
|--------------|------|------|------|------|-------------|--------------------|
| <b>Gross</b> | \$0  | \$0  | \$0  | \$0  | \$1,988,780 | <b>\$1,988,780</b> |
| <b>Net</b>   | \$0  | \$0  | \$0  | \$0  | \$238,780   | <b>\$238,780</b>   |

**7. Consequences/Implications of Not Undertaking Project (including alternatives):**

Maintenance costs and safety issues will continue to increase. The quality of the ride will continue to deteriorate.

**8. Identify Sources and Amounts of Funding**

|              | Taxation         | From Reserve - Federal Gas Tax |
|--------------|------------------|--------------------------------|
| 2018         | \$0              | \$0                            |
| 2019         | \$0              | \$0                            |
| 2020         | \$0              | \$0                            |
| 2021         | \$438,780        | \$1,550,000                    |
| 2022         | \$0              | \$0                            |
| <b>Total</b> | <b>\$438,780</b> | <b>\$1,550,000</b>             |

**9. Compliance with Council objective/strategic plan (if applicable):**

Investing in Grey County assets.

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

**1. Department / Function: Construction, Resurfacing and Minor Capital - 2021**

**Details of Project/Study: Grey Road 30 Pulverize and Pave Rehabilitation: Lower Valley Road to Grey Road 13 (30006-30007)**

**2. Total Gross Cost of Proposed Capital Project/Study: \$710,200**

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              | \$710,200             |           |                 |

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018 | 2019 | 2020 | 2021      | 2022 | Total            |
|--------------|------|------|------|-----------|------|------------------|
| <b>Gross</b> | \$0  | \$0  | \$0  | \$710,200 | \$0  | <b>\$710,200</b> |
| <b>Net</b>   | \$0  | \$0  | \$0  | \$398,521 | \$0  | <b>\$398,521</b> |

**3. Estimated Useful Life: 20 Years**

**4. Location of Project/Study (if applicable):**

| Facility Name / Address                    | Municipality                   |
|--------------------------------------------|--------------------------------|
| Grey Road 30, Rural Section, Length 3.6 km | Municipality of Grey Highlands |

**5. Need or Benefit(s) of Project (including safety issues):**

Existing surface treatment nearing end of service life

**6. Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:**

|              | 2017 | 2018 | 2019 | 2020 | 2021 | Total      |
|--------------|------|------|------|------|------|------------|
| <b>Gross</b> | \$0  | \$0  | \$0  | \$0  | \$0  | <b>\$0</b> |
| <b>Net</b>   | \$0  | \$0  | \$0  | \$0  | \$0  | <b>\$0</b> |

**7. Consequences/Implications of Not Undertaking Project (including alternatives):**

Further deterioration leading to safety concerns

**8. Identify Sources and Amounts of Funding**

|              | From Reserve - DC Category 3 | Taxation         |
|--------------|------------------------------|------------------|
| 2018         | \$0                          | \$0              |
| 2019         | \$0                          | \$0              |
| 2020         | \$0                          | \$0              |
| 2021         | \$311,679                    | \$398,521        |
| 2022         | \$0                          | \$0              |
| <b>Total</b> | <b>\$311,679</b>             | <b>\$398,521</b> |

**9. Compliance with Council objective/strategic plan (if applicable):**

Investing in Grey County assets.

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

**1. Department / Function: Construction, Resurfacing and Minor Capital - 2021**

**Details of Project/Study: Grey Road 40 Pulverize and Pave Rehabilitation: Grey Road 3 - Concession 8 (40012-40015)**

**2. Total Gross Cost of Proposed Capital Project/Study: \$655,000**

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              | \$655,000             |           |                 |

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018 | 2019 | 2020 | 2021      | 2022 | Total            |
|--------------|------|------|------|-----------|------|------------------|
| <b>Gross</b> | \$0  | \$0  | \$0  | \$655,000 | \$0  | <b>\$655,000</b> |
| <b>Net</b>   | \$0  | \$0  | \$0  | \$655,000 | \$0  | <b>\$655,000</b> |

**3. Estimated Useful Life: 20 Years**

**4. Location of Project/Study (if applicable):**

| Facility Name / Address                      | Municipality           |
|----------------------------------------------|------------------------|
| Grey Road 40, Rural Section, Length - 2.7 km | Township of Chatsworth |

**5. Need or Benefit(s) of Project (including safety issues):**

2016 PCI 61; projected deterioration to trigger placing in 5 year plan

**6. Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:**

|              | 2017 | 2018 | 2019 | 2020 | 2021      | Total            |
|--------------|------|------|------|------|-----------|------------------|
| <b>Gross</b> | \$0  | \$0  | \$0  | \$0  | \$455,889 | <b>\$455,889</b> |
| <b>Net</b>   | \$0  | \$0  | \$0  | \$0  | \$155,889 | <b>\$155,889</b> |

**7. Consequences/Implications of Not Undertaking Project (including alternatives):**

Road deterioration will lead to increased maintenance costs and possible safety issues.

**8. Identify Sources and Amounts of Funding**

|              | Taxation         |
|--------------|------------------|
| 2018         | \$0              |
| 2019         | \$0              |
| 2020         | \$0              |
| 2021         | \$655,000        |
| 2022         | \$0              |
| <b>Total</b> | <b>\$655,000</b> |

**9. Compliance with Council objective/strategic plan (if applicable):**

Investment in Grey County assets.

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

**1. Department / Function: Construction, Resurfacing and Minor Capital - 2021**

**Details of Project/Study: Structure 009-354 Grey Road 9**

**2. Total Gross Cost of Proposed Capital Project/Study: \$600,000**

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              | \$600,000             |           |                 |

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018 | 2019 | 2020 | 2021      | 2022 | Total            |
|--------------|------|------|------|-----------|------|------------------|
| <b>Gross</b> | \$0  | \$0  | \$0  | \$600,000 | \$0  | <b>\$600,000</b> |
| <b>Net</b>   | \$0  | \$0  | \$0  | \$600,000 | \$0  | <b>\$600,000</b> |

**3. Estimated Useful Life: 75 Years**

**4. Location of Project/Study (if applicable):**

| Facility Name / Address | Municipality              |
|-------------------------|---------------------------|
|                         | Municipality of West Grey |

**5. Need or Benefit(s) of Project (including safety issues):**

Built in 1949, 2016 BCI 20.18. Bridge has reached its service life expectancy and replacement is required.

**6. Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:**

|              | 2017 | 2018 | 2019 | 2020 | 2021 | Total      |
|--------------|------|------|------|------|------|------------|
| <b>Gross</b> | \$0  | \$0  | \$0  | \$0  | \$0  | <b>\$0</b> |
| <b>Net</b>   | \$0  | \$0  | \$0  | \$0  | \$0  | <b>\$0</b> |

**7. Consequences/Implications of Not Undertaking Project (including alternatives):**

Increased maintenance and possible failure.

**8. Identify Sources and Amounts of Funding**

|              | Taxation         |
|--------------|------------------|
| 2018         | \$0              |
| 2019         | \$0              |
| 2020         | \$0              |
| 2021         | \$600,000        |
| 2022         | \$0              |
| <b>Total</b> | <b>\$600,000</b> |

**9. Compliance with Council objective/strategic plan (if applicable):**

Investing in Grey County assets.

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

**1. Department / Function: Construction, Resurfacing and Minor Capital - 2021**

**Details of Project/Study: Structure 009-349 Grey Road 9**

**2. Total Gross Cost of Proposed Capital Project/Study: \$600,000**

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              | \$600,000             |           |                 |

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018 | 2019 | 2020 | 2021      | 2022 | Total            |
|--------------|------|------|------|-----------|------|------------------|
| <b>Gross</b> | \$0  | \$0  | \$0  | \$600,000 | \$0  | <b>\$600,000</b> |
| <b>Net</b>   | \$0  | \$0  | \$0  | \$600,000 | \$0  | <b>\$600,000</b> |

**3. Estimated Useful Life: 75 Years**

**4. Location of Project/Study (if applicable):**

| Facility Name / Address | Municipality          |
|-------------------------|-----------------------|
|                         | Township of Southgate |

**5. Need or Benefit(s) of Project (including safety issues):**

2014 BCI 62.56 Bulit 1940 T-Beam - continuing deterioration

**6. Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:**

|              | 2017 | 2018 | 2019 | 2020 | 2021 | Total      |
|--------------|------|------|------|------|------|------------|
| <b>Gross</b> | \$0  | \$0  | \$0  | \$0  | \$0  | <b>\$0</b> |
| <b>Net</b>   | \$0  | \$0  | \$0  | \$0  | \$0  | <b>\$0</b> |

**7. Consequences/Implications of Not Undertaking Project (including alternatives):**

Safety

**8. Identify Sources and Amounts of Funding**

|              | Taxation         |
|--------------|------------------|
| 2018         | \$0              |
| 2019         | \$0              |
| 2020         | \$0              |
| 2021         | \$600,000        |
| 2022         | \$0              |
| <b>Total</b> | <b>\$600,000</b> |

**9. Compliance with Council objective/strategic plan (if applicable):**

Investing in Grey County assets

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

**1. Department / Function: Construction, Resurfacing and Minor Capital - 2021**

**Details of Project/Study: Structure 900-363 Euphrasia-St. Vincent Townline**

**2. Total Gross Cost of Proposed Capital Project/Study: \$1,000,000**

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              | \$1,000,000           |           |                 |

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018 | 2019 | 2020 | 2021        | 2022 | Total              |
|--------------|------|------|------|-------------|------|--------------------|
| <b>Gross</b> | \$0  | \$0  | \$0  | \$1,000,000 | \$0  | <b>\$1,000,000</b> |
| <b>Net</b>   | \$0  | \$0  | \$0  | \$300,000   | \$0  | <b>\$300,000</b>   |

**3. Estimated Useful Life: 75 Years**

**4. Location of Project/Study (if applicable):**

| Facility Name / Address | Municipality       |
|-------------------------|--------------------|
|                         | The Blue Mountains |

**5. Need or Benefit(s) of Project (including safety issues):**

T-Beam, 2016 BCI 9.11, Built 1920, structure has surpassed its functional expectancy.

**6. Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:**

|              | 2017 | 2018 | 2019 | 2020 | 2021 | Total      |
|--------------|------|------|------|------|------|------------|
| <b>Gross</b> | \$0  | \$0  | \$0  | \$0  | \$0  | <b>\$0</b> |
| <b>Net</b>   | \$0  | \$0  | \$0  | \$0  | \$0  | <b>\$0</b> |

**7. Consequences/Implications of Not Undertaking Project (including alternatives):**

Structure may fail.

**8. Identify Sources and Amounts of Funding**

|              | Taxation         | From Reserve - Federal Gas Tax |
|--------------|------------------|--------------------------------|
| 2018         | \$0              | \$0                            |
| 2019         | \$0              | \$0                            |
| 2020         | \$0              | \$0                            |
| 2021         | \$300,000        | \$700,000                      |
| 2022         | \$0              | \$0                            |
| <b>Total</b> | <b>\$300,000</b> | <b>\$700,000</b>               |

**9. Compliance with Council objective/strategic plan (if applicable):**

Investing in Grey County assets.

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

**1. Department / Function: Construction, Resurfacing and Minor Capital - 2022**

**Details of Project/Study: Grey Road 1 Ciream and Pave: East Linton Sideroad - Owen Sound (1051-1063)**

**2. Total Gross Cost of Proposed Capital Project/Study: \$1,350,000**

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              | \$1,350,000           |           |                 |

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018 | 2019 | 2020 | 2021 | 2022        | Total              |
|--------------|------|------|------|------|-------------|--------------------|
| <b>Gross</b> | \$0  | \$0  | \$0  | \$0  | \$1,350,000 | <b>\$1,350,000</b> |
| <b>Net</b>   | \$0  | \$0  | \$0  | \$0  | \$1,350,000 | <b>\$1,350,000</b> |

**3. Estimated Useful Life: 20 Years**

**4. Location of Project/Study (if applicable):**

| Facility Name / Address                     | Municipality                |
|---------------------------------------------|-----------------------------|
| Grey Road 1, Rural Section, Length - 5.8 km | Township of Georgian Bluffs |

**5. Need or Benefit(s) of Project (including safety issues):**

2016 PCI 72; Road is deteriorating at an accelerated rate due to trucks.

**6. Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:**

|              | 2017 | 2018 | 2019 | 2020 | 2021 | Total      |
|--------------|------|------|------|------|------|------------|
| <b>Gross</b> | \$0  | \$0  | \$0  | \$0  | \$0  | <b>\$0</b> |
| <b>Net</b>   | \$0  | \$0  | \$0  | \$0  | \$0  | <b>\$0</b> |

**7. Consequences/Implications of Not Undertaking Project (including alternatives):**

Continued maintenance costs and further deterioration leading to safety issues

**8. Identify Sources and Amounts of Funding**

|              | Taxation           |
|--------------|--------------------|
| 2018         | \$0                |
| 2019         | \$0                |
| 2020         | \$0                |
| 2021         | \$0                |
| 2022         | \$1,350,000        |
| <b>Total</b> | <b>\$1,350,000</b> |

**9. Compliance with Council objective/strategic plan (if applicable):**

Investing in Grey County assets.

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

**1. Department / Function: Construction, Resurfacing and Minor Capital - 2022**

**Details of Project/Study: Grey Road 4 Cold-In-Place Rehabilitation/Reconstruction: Concession 2 - Grey Road 23 (4057)**

**2. Total Gross Cost of Proposed Capital Project/Study: \$2,350,000**

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              | \$2,350,000           |           |                 |

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018 | 2019 | 2020 | 2021 | 2022        | Total              |
|--------------|------|------|------|------|-------------|--------------------|
| <b>Gross</b> | \$0  | \$0  | \$0  | \$0  | \$2,300,000 | <b>\$2,300,000</b> |
| <b>Net</b>   | \$0  | \$0  | \$0  | \$0  | \$300,000   | <b>\$300,000</b>   |

**3. Estimated Useful Life: 20 Years**

**4. Location of Project/Study (if applicable):**

| Facility Name / Address                      | Municipality              |
|----------------------------------------------|---------------------------|
| Grey Road 4, Rural Section, Length - 10.2 km | Municipality of West Grey |

**5. Need or Benefit(s) of Project (including safety issues):**

2016 PCI- 58; Pavement is in fair condition with deterioration projected to require rehabilitation within a 5 year window.

**6. Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:**

|              | 2017 | 2018 | 2019 | 2020        | 2021 | Total              |
|--------------|------|------|------|-------------|------|--------------------|
| <b>Gross</b> | \$0  | \$0  | \$0  | \$2,465,431 | \$0  | <b>\$2,465,431</b> |
| <b>Net</b>   | \$0  | \$0  | \$0  | \$365,431   | \$0  | <b>\$365,431</b>   |

**7. Consequences/Implications of Not Undertaking Project (including alternatives):**

Road deterioration will lead to increased maintenance costs and possible safety issues.

**8. Identify Sources and Amounts of Funding**

|              | From Reserve - Federal Gas Tax | Taxation         |
|--------------|--------------------------------|------------------|
| 2018         | \$0                            | \$0              |
| 2019         | \$0                            | \$0              |
| 2020         | \$0                            | \$0              |
| 2021         | \$0                            | \$0              |
| 2022         | \$2,000,000                    | \$300,000        |
| <b>Total</b> | <b>\$2,000,000</b>             | <b>\$300,000</b> |

**9. Compliance with Council objective/strategic plan (if applicable):**

Investment in Grey County assets.

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

**1. Department / Function: Construction, Resurfacing and Minor Capital - 2022**

**Details of Project/Study: Grey Road 9 Pulverize & Pave  
Rehabilitation: Grey Road 23 - Southgate Sideroad 13  
(9032-9040)**

**2. Total Gross Cost of Proposed Capital Project/Study: \$2,750,000**

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              | \$2,750,000           |           |                 |

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018 | 2019 | 2020 | 2021 | 2022        | Total              |
|--------------|------|------|------|------|-------------|--------------------|
| <b>Gross</b> | \$0  | \$0  | \$0  | \$0  | \$2,750,000 | <b>\$2,750,000</b> |
| <b>Net</b>   | \$0  | \$0  | \$0  | \$0  | \$1,650,000 | <b>\$1,650,000</b> |

**3. Estimated Useful Life: 20 Years**

**4. Location of Project/Study (if applicable):**

| Facility Name / Address             | Municipality          |
|-------------------------------------|-----------------------|
| Grey Road 9, Rural Section, 11.8 km | Township of Southgate |

**5. Need or Benefit(s) of Project (including safety issues):**

PCI 49-63; Rough ride, multiple surface defects – approaching functional service life – rehabilitate/reconstruct.

**6. Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:**

|              | 2017 | 2018 | 2019 | 2020        | 2021 | Total              |
|--------------|------|------|------|-------------|------|--------------------|
| <b>Gross</b> | \$0  | \$0  | \$0  | \$2,864,740 | \$0  | <b>\$2,864,740</b> |
| <b>Net</b>   | \$0  | \$0  | \$0  | \$1,839,740 | \$0  | <b>\$1,839,740</b> |

**7. Consequences/Implications of Not Undertaking Project (including alternatives):**

Road deterioration will lead to increased maintenance costs and possible safety issues.

**8. Identify Sources and Amounts of Funding**

|              | From Reserve -<br>Federal Gas Tax | Taxation           | From Reserve -<br>Transportation<br>General |
|--------------|-----------------------------------|--------------------|---------------------------------------------|
| 2018         | \$0                               | \$0                | \$0                                         |
| 2019         | \$0                               | \$0                | \$0                                         |
| 2020         | \$0                               | \$0                | \$0                                         |
| 2021         | \$0                               | \$0                | \$0                                         |
| 2022         | \$850,000                         | \$1,650,000        | \$250,000                                   |
| <b>Total</b> | <b>\$850,000</b>                  | <b>\$1,650,000</b> | <b>\$250,000</b>                            |

**9. Compliance with Council objective/strategic plan (if applicable):**

Investment in Grey County assets.

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

**1. Department / Function: Construction, Resurfacing and Minor Capital - 2022**

**Details of Project/Study: Grey Road 10 Reconstruction: South Limit of Elmwood (Parker Street) - North Limit of Elmwood (300 m North of Church Street) (10045-10048)**

**2. Total Gross Cost of Proposed Capital Project/Study: \$533,643**

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              | \$533,643             |           |                 |

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018 | 2019 | 2020 | 2021 | 2022      | Total            |
|--------------|------|------|------|------|-----------|------------------|
| <b>Gross</b> | \$0  | \$0  | \$0  | \$0  | \$533,643 | <b>\$533,643</b> |
| <b>Net</b>   | \$0  | \$0  | \$0  | \$0  | \$209,174 | <b>\$209,174</b> |

**3. Estimated Useful Life: 20 Years**

**4. Location of Project/Study (if applicable):**

| Facility Name / Address                      | Municipality              |
|----------------------------------------------|---------------------------|
| Grey Road 10, Urban Section, Length - 0.8 km | Municipality of West Grey |

**5. Need or Benefit(s) of Project (including safety issues):**

2016 PCI 49,50; Rough ride, multiple surface defects – approaching functional service life – rehabilitate/reconstruct.

**6. Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:**

|              | 2017 | 2018 | 2019      | 2020 | 2021 | Total            |
|--------------|------|------|-----------|------|------|------------------|
| <b>Gross</b> | \$0  | \$0  | \$533,643 | \$0  | \$0  | <b>\$533,643</b> |
| <b>Net</b>   | \$0  | \$0  | \$226,090 | \$0  | \$0  | <b>\$226,090</b> |

**7. Consequences/Implications of Not Undertaking Project (including alternatives):**

Road deterioration will lead to increased maintenance costs and possible safety issues.

**8. Identify Sources and Amounts of Funding**

|              | Partners -<br>Bruce County<br>Share | From Reserve -<br>DC Category 2 | Taxation         |
|--------------|-------------------------------------|---------------------------------|------------------|
| 2018         | \$0                                 | \$0                             | \$0              |
| 2019         | \$0                                 | \$0                             | \$0              |
| 2020         | \$0                                 | \$0                             | \$0              |
| 2021         | \$0                                 | \$0                             | \$0              |
| 2022         | \$266,822                           | \$57,647                        | \$209,174        |
| <b>Total</b> | <b>\$266,822</b>                    | <b>\$57,647</b>                 | <b>\$209,174</b> |

**9. Compliance with Council objective/strategic plan (if applicable):**

Investing in Grey County Assets.

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

**1. Department / Function: Construction, Resurfacing and Minor Capital - 2022**

**Details of Project/Study: Grey Road 14 Pulverize and Pave:800 m south of Southgate Road 14 to Cedarville west limits (14006-14015)**

**2. Total Gross Cost of Proposed Capital Project/Study: \$1,800,000**

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              | \$1,800,000           |           |                 |

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018 | 2019 | 2020 | 2021 | 2022        | Total              |
|--------------|------|------|------|------|-------------|--------------------|
| <b>Gross</b> | \$0  | \$0  | \$0  | \$0  | \$1,800,000 | <b>\$1,800,000</b> |
| <b>Net</b>   | \$0  | \$0  | \$0  | \$0  | \$1,800,000 | <b>\$1,800,000</b> |

**3. Estimated Useful Life: 20 Years**

**4. Location of Project/Study (if applicable):**

| Facility Name / Address                      | Municipality          |
|----------------------------------------------|-----------------------|
| Grey Road 14, Rural Section, Length - 8.9 km | Township of Southgate |

**5. Need or Benefit(s) of Project (including safety issues):**

Road is deteriorating at an advanced rate due to thin lift.

**6. Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:**

|              | 2017 | 2018 | 2019 | 2020 | 2021 | Total      |
|--------------|------|------|------|------|------|------------|
| <b>Gross</b> | \$0  | \$0  | \$0  | \$0  | \$0  | <b>\$0</b> |
| <b>Net</b>   | \$0  | \$0  | \$0  | \$0  | \$0  | <b>\$0</b> |

**7. Consequences/Implications of Not Undertaking Project (including alternatives):**

Potholing, edge loss leading to safety issues

**8. Identify Sources and Amounts of Funding**

|              | Taxation           |
|--------------|--------------------|
| 2018         | \$0                |
| 2019         | \$0                |
| 2020         | \$0                |
| 2021         | \$0                |
| 2022         | \$1,800,000        |
| <b>Total</b> | <b>\$1,800,000</b> |

**9. Compliance with Council objective/strategic plan (if applicable):**

Investment in Grey County assets.

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

**1. Department / Function: Construction, Resurfacing and Minor Capital - 2022**

**Details of Project/Study: Grey Road 17 Pulverize and Pave Rehabilitation: Concession 14 to Wolseley(17011, 17012, 17013)**

**2. Total Gross Cost of Proposed Capital Project/Study: \$1,500,000**

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              | \$1,500,000           |           |                 |

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018 | 2019 | 2020 | 2021 | 2022        | Total              |
|--------------|------|------|------|------|-------------|--------------------|
| <b>Gross</b> | \$0  | \$0  | \$0  | \$0  | \$1,500,000 | <b>\$1,500,000</b> |
| <b>Net</b>   | \$0  | \$0  | \$0  | \$0  | \$250,438   | <b>\$250,438</b>   |

**3. Estimated Useful Life: 20 Years**

**4. Location of Project/Study (if applicable):**

| Facility Name / Address                      | Municipality                |
|----------------------------------------------|-----------------------------|
| Grey Road 17, Rural Section, Length - 6.2 km | Township of Georgian Bluffs |

**5. Need or Benefit(s) of Project (including safety issues):**

2016 PCI 51-71 - Single lift pavement deteriorating at accelerated rate

**6. Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:**

|              | 2017 | 2018 | 2019 | 2020 | 2021      | Total            |
|--------------|------|------|------|------|-----------|------------------|
| <b>Gross</b> | \$0  | \$0  | \$0  | \$0  | \$361,268 | <b>\$361,268</b> |
| <b>Net</b>   | \$0  | \$0  | \$0  | \$0  | \$361,268 | <b>\$361,268</b> |

**7. Consequences/Implications of Not Undertaking Project (including alternatives):**

Continued deterioration with additional maintenance requirement and safety concerns

**8. Identify Sources and Amounts of Funding**

|              | Taxation         | Fed/Prov Grants - OCIF |
|--------------|------------------|------------------------|
| 2018         | \$0              | \$0                    |
| 2019         | \$0              | \$0                    |
| 2020         | \$0              | \$0                    |
| 2021         | \$0              | \$0                    |
| 2022         | \$250,438        | \$1,249,562            |
| <b>Total</b> | <b>\$250,438</b> | <b>\$1,249,562</b>     |

**9. Compliance with Council objective/strategic plan (if applicable):**

Investment in Grey County assets.

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

**1. Department / Function: Construction, Resurfacing and Minor Capital - 2022**

**Details of Project/Study: Grey Road 29 Pulverize and Pave Rehabilitation; 200m south of Church St. to Walters Falls to Holland Sydenham Townline (29006-29015)**

**2. Total Gross Cost of Proposed Capital Project/Study: \$700,000**

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              | \$700,000             |           |                 |

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018 | 2019 | 2020 | 2021 | 2022      | Total            |
|--------------|------|------|------|------|-----------|------------------|
| <b>Gross</b> | \$0  | \$0  | \$0  | \$0  | \$700,000 | <b>\$700,000</b> |
| <b>Net</b>   | \$0  | \$0  | \$0  | \$0  | \$700,000 | <b>\$700,000</b> |

**3. Estimated Useful Life: 20 Years**

**4. Location of Project/Study (if applicable):**

| Facility Name / Address                          | Municipality           |
|--------------------------------------------------|------------------------|
| Grey Road 29, Mixed Urban/Rural, Length - 2.9 km | Township of Chatsworth |

**5. Need or Benefit(s) of Project (including safety issues):**

2016 PCI 57-81; superpave mix failing, culvert >3.0 m in Walters Falls needs major rehab/replacement.

**6. Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:**

|              | 2017 | 2018 | 2019 | 2020 | 2021      | Total            |
|--------------|------|------|------|------|-----------|------------------|
| <b>Gross</b> | \$0  | \$0  | \$0  | \$0  | \$429,000 | <b>\$429,000</b> |
| <b>Net</b>   | \$0  | \$0  | \$0  | \$0  | \$429,000 | <b>\$429,000</b> |

**7. Consequences/Implications of Not Undertaking Project (including alternatives):**

Increased maintenance to road surface will be required, culvert may become a safety concern if not addressed.

**8. Identify Sources and Amounts of Funding**

|              | Taxation         |
|--------------|------------------|
| 2018         | \$0              |
| 2019         | \$0              |
| 2020         | \$0              |
| 2021         | \$0              |
| 2022         | \$700,000        |
| <b>Total</b> | <b>\$700,000</b> |

**9. Compliance with Council objective/strategic plan (if applicable):**

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

**1. Department / Function: Construction, Resurfacing and Minor Capital - 2022**

**Details of Project/Study: Structure 040-086 Grey Road 40**

**2. Total Gross Cost of Proposed Capital Project/Study: \$950,000**

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              | \$950,000             |           |                 |

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018 | 2019 | 2020 | 2021 | 2022      | Total            |
|--------------|------|------|------|------|-----------|------------------|
| <b>Gross</b> | \$0  | \$0  | \$0  | \$0  | \$950,000 | <b>\$950,000</b> |
| <b>Net</b>   | \$0  | \$0  | \$0  | \$0  | \$950,000 | <b>\$950,000</b> |

**3. Estimated Useful Life: 75 years**

**4. Location of Project/Study (if applicable):**

| Facility Name / Address | Municipality           |
|-------------------------|------------------------|
|                         | Township of Chatsworth |

**5. Need or Benefit(s) of Project (including safety issues):**

Built 1945, T-Beam structure, 2016 CI 49.59. Approaching end of functional life expectancy.

**6. Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:**

|              | 2017 | 2018 | 2019 | 2020 | 2021 | Total      |
|--------------|------|------|------|------|------|------------|
| <b>Gross</b> | \$0  | \$0  | \$0  | \$0  | \$0  | <b>\$0</b> |
| <b>Net</b>   | \$0  | \$0  | \$0  | \$0  | \$0  | <b>\$0</b> |

**7. Consequences/Implications of Not Undertaking Project (including alternatives):**

Replacement will provide safe crossing for generations to come.

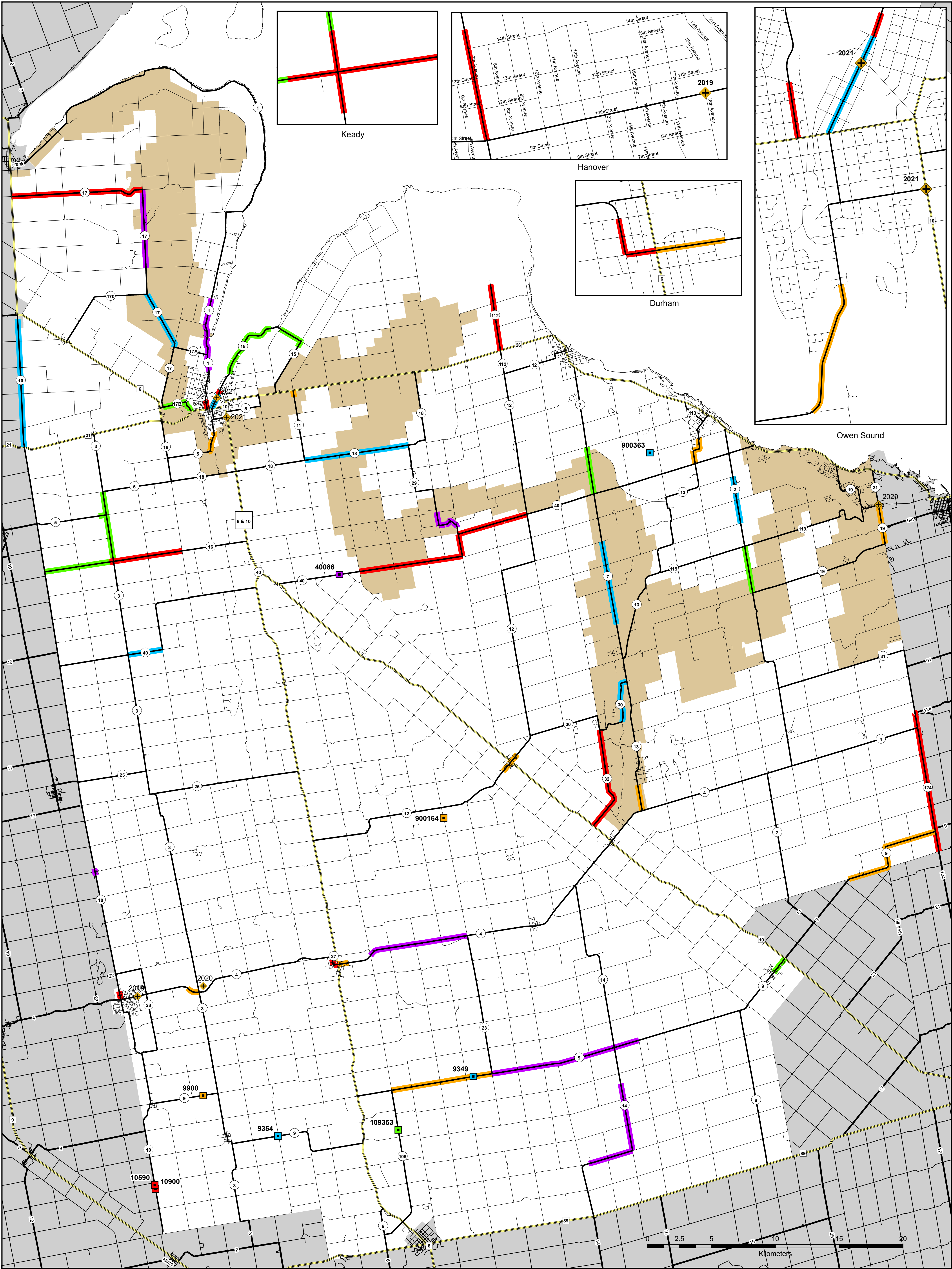
**8. Identify Sources and Amounts of Funding**

|              | Taxation         |
|--------------|------------------|
| 2018         | \$0              |
| 2019         | \$0              |
| 2020         | \$0              |
| 2021         | \$0              |
| 2022         | \$950,000        |
| <b>Total</b> | <b>\$950,000</b> |

**9. Compliance with Council objective/strategic plan (if applicable):**

Investment in Grey County assets

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**



- 2018 (2)

2019 (1)

2020 (2)

2021 (3)

2022 (1)
- 2018

2019

2020

2021

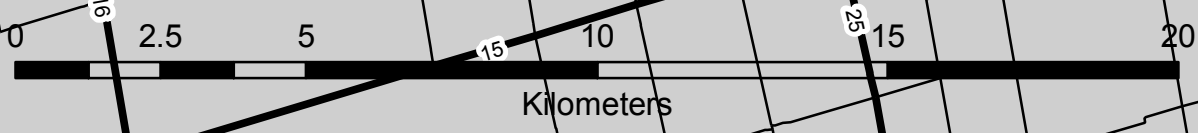
2022
- Intersection Improvements (5)

Highway

County

Municipal

NEC Region



Coordinate System: NAD 1983 UTM Zone 17N  
Units: Meter

REVISIONS

| No. | DATE    | DESCRIPTION      |
|-----|---------|------------------|
| 1   | 5/18/17 | FINAL - APPROVED |

Grey County

Colour It Your Way

TRANSPORTATION SERVICES

DESIGN

ENGINEER

DRAWN

DATE

5/18/17

SCALE

1:130,000

PROJECT

TS-FOR-SVR-18-22

PROPOSED 5 YEAR  
CONSTRUCTION MAP  
2018 - 2022

SHEET  
1 OF 1

Document Path: R:\GIS\MapaRoads\Forecasting\TS-FOR-SVR-18-22.mxd

**SUMMARY OF FIVE YEAR CAPITAL &  
EXTRA-ORDINARY EXPENDITURES  
Machinery**

| PROJECT                                                | 2017<br>Approved<br>Budget | 2018-2022 Five Year Capital & Extra-Ordinary Expenditures |           |             |           |          |             |
|--------------------------------------------------------|----------------------------|-----------------------------------------------------------|-----------|-------------|-----------|----------|-------------|
|                                                        |                            | 2018                                                      | 2019      | 2020        | 2021      | 2022     | TOTAL       |
| <b>Purchase of Half-ton Trucks</b>                     | 62,000                     | 96,000                                                    | 65,000    | 66,000      | 99,000    | 68,000   | 394,000     |
| From Reserve - Transportation Equipment                | (56,000)                   | (86,400)                                                  | (58,500)  | (59,400)    | (88,500)  | (61,200) | (354,000)   |
| Other (Specify) - Sale of assets                       | (6,000)                    | (9,600)                                                   | (6,500)   | (6,600)     | (10,500)  | (6,800)  | (40,000)    |
| <b>Purchase of Tandem Trucks</b>                       | 502,000                    | 855,000                                                   | 870,000   | 1,180,000   | 900,000   |          | 3,805,000   |
| From Reserve - Transportation Equipment                | (400,500)                  | (769,500)                                                 | (777,000) | (1,041,000) | (795,000) |          | (3,382,500) |
| Other (Specify) - Sale of assets                       | (101,500)                  | (85,500)                                                  | (93,000)  | (139,000)   | (105,000) |          | (422,500)   |
| <b>Purchase of Loader Backhoes</b>                     | 130,000                    | 132,500                                                   | 135,500   | 138,000     |           |          | 406,000     |
| From Reserve - Transportation Equipment                | (104,000)                  | (106,000)                                                 | (108,500) | (110,500)   |           |          | (325,000)   |
| Other (Specify) - Sale of assets                       | (26,000)                   | (26,500)                                                  | (27,000)  | (27,500)    |           |          | (81,000)    |
| <b>Purchase of Pylloaders</b>                          |                            | 226,000                                                   | 231,000   | 235,000     |           |          | 692,000     |
| From Reserve - Transportation Equipment                |                            | (194,000)                                                 | (187,000) | (190,000)   |           |          | (571,000)   |
| Other (Specify) - Sale of assets                       |                            | (32,000)                                                  | (44,000)  | (45,000)    |           |          | (121,000)   |
| <b>Purchase of Brush Chipper</b>                       |                            | 63,000                                                    |           |             |           |          | 63,000      |
| From Reserve - Transportation Equipment                |                            | (55,500)                                                  |           |             |           |          | (55,500)    |
| Other (Specify) - Sale of assets                       |                            | (7,500)                                                   |           |             |           |          | (7,500)     |
| <b>Purchase of 3/4-ton Truck</b>                       |                            |                                                           | 34,500    |             |           |          | 34,500      |
| From Reserve - Transportation Equipment                |                            |                                                           | (31,050)  |             |           |          | (31,050)    |
| Other (Specify) - Sale of assets                       |                            |                                                           | (3,450)   |             |           |          | (3,450)     |
| <b>Purchase of Ontario Works 15 Passenger Vans</b>     | 40,000                     |                                                           | 41,000    |             |           |          | 41,000      |
| From Reserve - Transportation Equipment                | (37,000)                   |                                                           | (41,000)  |             |           |          | (41,000)    |
| Other (Specify) - Sale of assets                       | (3,000)                    |                                                           |           |             |           |          |             |
| <b>Purchase of Tractor with Loader, Mower, Sweeper</b> |                            |                                                           | 99,000    |             |           |          | 99,000      |
| From Reserve - Transportation Equipment                |                            |                                                           | (84,000)  |             |           |          | (84,000)    |
| Other (Specify) - Sale of assets                       |                            |                                                           | (15,000)  |             |           |          | (15,000)    |
| <b>Purchase of Gradall</b>                             |                            |                                                           | 390,000   |             |           |          | 390,000     |

| PROJECT                                               | 2017<br>Approved<br>Budget | 2018-2022 Five Year Capital & Extra-Ordinary Expenditures |                |                |                |                |                  |
|-------------------------------------------------------|----------------------------|-----------------------------------------------------------|----------------|----------------|----------------|----------------|------------------|
|                                                       |                            | 2018                                                      | 2019           | 2020           | 2021           | 2022           | TOTAL            |
| From Reserve - Transportation Equipment               |                            |                                                           | (282,000)      |                |                |                | (282,000)        |
| Other (Specify) - Sale of assets                      |                            |                                                           | (108,000)      |                |                |                | (108,000)        |
| <b>Purchase of Bridge Crew Utility Vehicles</b>       | 12,500                     |                                                           |                | 13,200         |                |                | 13,200           |
| From Reserve - Transportation Equipment               | (10,500)                   |                                                           |                | (11,100)       |                |                | (11,100)         |
| Other (Specify) - Sale of assets                      | (2,000)                    |                                                           |                | (2,100)        |                |                | (2,100)          |
| <b>Purchase of Passenger Vehicle</b>                  |                            |                                                           |                | 24,000         |                |                | 24,000           |
| From Reserve - Transportation Equipment               |                            |                                                           |                | (22,000)       |                |                | (22,000)         |
| Other (Specify) - Sale of assets                      |                            |                                                           |                | (2,000)        |                |                | (2,000)          |
| <b>Purchase of Single-axle Trucks (with Box)</b>      |                            |                                                           |                | 208,000        | 213,000        |                | 421,000          |
| From Reserve - Transportation Equipment               |                            |                                                           |                | (168,000)      | (173,000)      |                | (341,000)        |
| Other (Specify) - Sale of assets                      |                            |                                                           |                | (40,000)       | (40,000)       |                | (80,000)         |
| <b>Purchase of One-ton Trucks</b>                     |                            |                                                           |                |                |                | 66,000         | 66,000           |
| From Reserve - Transportation Equipment               |                            |                                                           |                |                |                | (51,000)       | (51,000)         |
| Other (Specify) - Sale of assets                      |                            |                                                           |                |                |                | (15,000)       | (15,000)         |
| <b>Purchase of Graders</b>                            | 395,000                    |                                                           |                |                |                | 416,000        | 416,000          |
| From Reserve - Transportation Equipment               | (155,000)                  |                                                           |                |                |                | (326,000)      | (326,000)        |
| Other (Specify) - Sale of assets                      | (240,000)                  |                                                           |                |                |                | (90,000)       | (90,000)         |
| <b>Purchase of Passenger Van for Engineering Crew</b> | 30,000                     |                                                           |                |                |                |                |                  |
| From Reserve - Transportation Equipment               | (30,000)                   |                                                           |                |                |                |                |                  |
| <b>Non-Licensed Equipment</b>                         | 53,000                     | 54,000                                                    | 55,000         | 56,000         | 57,500         | 58,500         | 281,000          |
| From Reserve - Transportation Equipment               | (53,000)                   | (54,000)                                                  | (55,000)       | (56,000)       | (57,500)       | (58,500)       | (281,000)        |
| <b>Transportation Equipment Reserve Funding</b>       |                            | 188,000                                                   | 141,000        | 94,000         | 47,000         |                | 470,000          |
| From Reserve - Transportation Services General        |                            | (188,000)                                                 | (141,000)      | (94,000)       | (47,000)       |                | (470,000)        |
| To Reserve - Equipment Reserve                        | 660,000                    | 707,000                                                   | 754,000        | 801,000        | 848,000        | 895,000        | 4,005,000        |
| <b>OW Van Replacement Reserve Funding</b>             |                            |                                                           |                |                |                |                |                  |
| To Reserve - OW Van Replacement Reserve               | 15,000                     | 15,000                                                    | 15,000         | 15,000         | 15,000         | 15,000         | 75,000           |
| <b>NET LEVY REQUIREMENTS</b>                          | <b>675,000</b>             | <b>722,000</b>                                            | <b>769,000</b> | <b>816,000</b> | <b>863,000</b> | <b>910,000</b> | <b>4,080,000</b> |

### Estimated Annual Requirement for Transportation Services Vehicles and Equipment

| Type of unit                       | Number of Units | Estimated 2018 Purchase Price | Estimated 2018 Residual Value | Estimated 2018 Net Price | Useful Life | Annual Requirement per Unit | Total Annual Requirement |
|------------------------------------|-----------------|-------------------------------|-------------------------------|--------------------------|-------------|-----------------------------|--------------------------|
| Half tons (and 3/4)                | 17              | 32,000                        | 3,200                         | 28,800                   | 7           | 4,114                       | 69,943                   |
| One tons                           | 4               | 60,000                        | 18,000                        | 42,000                   | 10          | 4,200                       | 16,800                   |
| 5 tons                             | 4               | 100,000                       | 20,000                        | 80,000                   | 12          | 6,667                       | 26,667                   |
| Tandems/Tri-axles                  | 21              | 280,000                       | 28,000                        | 252,000                  | 12          | 21,000                      | 441,000                  |
| Small grader                       | 1               | 255,000                       | 57,375                        | 197,625                  | 12          | 16,469                      | 16,469                   |
| Large grader                       | 2               | 400,000                       | 90,000                        | 310,000                  | 12          | 25,833                      | 51,667                   |
| Gradall                            | 1               | 390,000                       | 100,000                       | 290,000                  | 6           | 48,333                      | 48,333                   |
| Payloaders                         | 4               | 226,000                       | 22,600                        | 203,400                  | 12          | 16,950                      | 67,800                   |
| Loader backhoes                    | 4               | 132,500                       | 26,000                        | 106,500                  | 12          | 8,875                       | 35,500                   |
| Tractor loaders                    | 4               | 97,000                        | 15,000                        | 82,000                   | 12          | 6,833                       | 27,333                   |
| Brush chippers                     | 2               | 63,000                        | 7,500                         | 55,500                   | 10          | 5,550                       | 11,100                   |
| Bridge crew one ton                | 1               | 60,000                        | 18,000                        | 42,000                   | 10          | 4,200                       | 4,200                    |
| Bridge crew single axle            | 1               | 102,000                       | 20,000                        | 82,000                   | 12          | 6,833                       | 6,833                    |
| Bridge crew utility vehicle (used) | 1               | 12,500                        | 2,000                         | 10,500                   | 3           | 3,500                       | 3,500                    |
| Passenger vehicle                  | 1               | 23,000                        | 2,000                         | 21,000                   | 7           | 3,000                       | 3,000                    |
| Engineering van                    | 1               | 30,000                        | 3,000                         | 27,000                   | 7           | 3,857                       | 3,857                    |
| Non licenced equipment             | 1               | 54,000                        | -                             | 54,000                   | 1           | 54,000                      | 54,000                   |
| Ontario Works van                  | 2               | 40,000                        | 3,000                         | 37,000                   | 6           | 6,167                       | 12,333                   |
|                                    |                 |                               |                               |                          |             |                             | 900,335                  |

**1. Department / Function: Machinery -**

**Details of Project/Study: Purchase of Half-ton Trucks**

**2. Total Gross Cost of Proposed Capital Project/Study: \$32,000**

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              |                       | \$32,000  |                 |

2018 - 3 at \$32,000 2019 - 2 at \$32,500 2020 - 2 at \$33,000 2021 - 3 at \$33,000 2022 - 2 at \$34,000

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018     | 2019     | 2020     | 2021     | 2022     | Total            |
|--------------|----------|----------|----------|----------|----------|------------------|
| <b>Gross</b> | \$96,000 | \$65,000 | \$66,000 | \$99,000 | \$68,000 | <b>\$394,000</b> |
| <b>Net</b>   | \$0      | \$0      | \$0      | \$0      | \$0      | <b>\$0</b>       |

**3. Estimated Useful Life: 7 years**

**4. Location of Project/Study (if applicable):**

| Facility Name / Address | Municipality |
|-------------------------|--------------|
|-------------------------|--------------|

**5. Need or Benefit(s) of Project (including safety issues):**

Half ton trucks are used for various activities and inspection duties, carrying crew and equipment. These trucks are used for sign repair and installation, weed spraying, tree cutting, and construction projects. The mechanics use half ton trucks to carry tools during breakdown situations.

**6. Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:**

|              | 2017     | 2018     | 2019     | 2020     | 2021     | Total            |
|--------------|----------|----------|----------|----------|----------|------------------|
| <b>Gross</b> | \$62,000 | \$96,000 | \$32,500 | \$66,000 | \$99,000 | <b>\$355,500</b> |
| <b>Net</b>   | \$0      | \$0      | \$0      | \$0      | \$0      | <b>\$0</b>       |

**7. Consequences/Implications of Not Undertaking Project (including alternatives):**

The replacement of this equipment was determined by using the Economic Theory of Vehicle Replacement, a weighted point system reviewing repair costs, useful life and vehicle condition as indicated in the County Council approved 2007 Equipment, Fleet and Shop Operations Management Practice Manual, as well as overall usage, maintenance history, and projected future costs. Deferring the replacement of vehicles and equipment beyond a certain point actually causes total vehicle costs to rise, making a fleet more costly, not cheaper to own and operate. In this case, the consequence would be increased repair costs and downtime.

**8. Identify Sources and Amounts of Funding**

|      | From Reserve -<br>Transportation<br>Equipment | Other (Specify)<br>- Sale of assets |
|------|-----------------------------------------------|-------------------------------------|
| 2018 | \$86,400                                      | \$9,600                             |
| 2019 | \$58,500                                      | \$6,500                             |
| 2020 | \$59,400                                      | \$6,600                             |
| 2021 | \$88,500                                      | \$10,500                            |
| 2022 | \$61,200                                      | \$6,800                             |

|              |                  |                 |
|--------------|------------------|-----------------|
| <b>Total</b> | <b>\$354,000</b> | <b>\$40,000</b> |
|--------------|------------------|-----------------|

9. **Compliance with Council objective/strategic plan (if applicable):**

10. **Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

**1. Department / Function: Machinery -**

**Details of Project/Study: Purchase of Tandem Trucks**

**2. Total Gross Cost of Proposed Capital Project/Study: \$3,805,000**

| Construction | Consultant/Contractor | Equipment   | Other (Specify) |
|--------------|-----------------------|-------------|-----------------|
|              |                       | \$3,805,000 |                 |

2018 - 3 at \$285,000 2019 - 3 at \$290,000 2020 - 4 at \$295,000 2021 - 3 at \$300,000  
2022 - none

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018      | 2019      | 2020        | 2021      | 2022 | Total              |
|--------------|-----------|-----------|-------------|-----------|------|--------------------|
| <b>Gross</b> | \$855,000 | \$870,000 | \$1,180,000 | \$900,000 | \$0  | <b>\$3,805,000</b> |
| <b>Net</b>   | \$0       | \$0       | \$0         | \$0       | \$0  | <b>\$0</b>         |

**3. Estimated Useful Life: 12 years**

**4. Location of Project/Study (if applicable):**

| Facility Name / Address | Municipality |
|-------------------------|--------------|
| N/A                     |              |

**5. Need or Benefit(s) of Project (including safety issues):**

Tandem axle plow/sander combination units are mainly used for winter plowing and sanding operations. Tandem trucks are also used for hauling granular materials to be used on shoulder and wash-out repairs, base repairs and spot improvements. These trucks are also used for bridge washing, and ditch clean out.

**6. Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:**

|              | 2017      | 2018      | 2019        | 2020        | 2021 | Total              |
|--------------|-----------|-----------|-------------|-------------|------|--------------------|
| <b>Gross</b> | \$502,000 | \$765,000 | \$1,300,000 | \$1,060,000 | \$0  | <b>\$3,627,000</b> |
| <b>Net</b>   | \$0       | \$0       | \$0         | \$0         | \$0  | <b>\$0</b>         |

**7. Consequences/Implications of Not Undertaking Project (including alternatives):**

The replacement of this equipment was determined by using the Economic Theory of Vehicle Replacement, a weighted point system reviewing repair costs, useful life and vehicle condition as indicated in the County Council approved 2007 Equipment, Fleet and Shop Operations Management Practice Manual, as well as overall usage, maintenance history, and projected future costs. Deferring the replacement of vehicles and equipment beyond a certain point actually causes total vehicle costs to rise, making a fleet more costly, not cheaper to own and operate. In this case, the consequence would be increased repair costs and downtime.

**8. Identify Sources and Amounts of Funding**

|      | From Reserve -<br>Transportation<br>Equipment | Other (Specify)<br>- Sale of assets |
|------|-----------------------------------------------|-------------------------------------|
| 2018 | \$769,500                                     | \$85,500                            |
| 2019 | \$777,000                                     | \$93,000                            |
| 2020 | \$1,041,000                                   | \$139,000                           |
| 2021 | \$795,000                                     | \$105,000                           |

|              |                    |                  |
|--------------|--------------------|------------------|
| 2022         | \$0                | \$0              |
| <b>Total</b> | <b>\$3,382,500</b> | <b>\$422,500</b> |

**9. Compliance with Council objective/strategic plan (if applicable):**

As indicated above, County Council approved the 2007 Equipment, Fleet & Shop Operations Management Practice Manual, thereby supporting vehicle replacement criteria utilized for the TAPS fleet.

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

None

**1. Department / Function: Machinery -**

**Details of Project/Study: Purchase of Loader Backhoes**

**2. Total Gross Cost of Proposed Capital Project/Study: \$406,000**

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              |                       | \$406,000 |                 |

2018 - 1 at \$132,500 2019 - 1 at \$135,500 2020 - 1 at \$138,000

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018      | 2019      | 2020      | 2021 | 2022 | Total            |
|--------------|-----------|-----------|-----------|------|------|------------------|
| <b>Gross</b> | \$132,500 | \$135,500 | \$138,000 | \$0  | \$0  | <b>\$406,000</b> |
| <b>Net</b>   | \$0       | \$0       | \$0       | \$0  | \$0  | <b>\$0</b>       |

**3. Estimated Useful Life: 12 years**

**4. Location of Project/Study (if applicable):**

| Facility Name / Address | Municipality |
|-------------------------|--------------|
| N/A                     |              |

**5. Need or Benefit(s) of Project (including safety issues):**

Loader backhoes are used for loading winter materials and maintenance materials. They are used for cleaning culvert ends and for culvert replacement. Backhoes are used for washout repairs and sign installation. They are also used for repairing and installing 3 cable guide rail and flex beam.

**6. Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:**

|              | 2017      | 2018      | 2019      | 2020      | 2021 | Total            |
|--------------|-----------|-----------|-----------|-----------|------|------------------|
| <b>Gross</b> | \$130,000 | \$132,000 | \$135,000 | \$138,000 | \$0  | <b>\$535,000</b> |
| <b>Net</b>   | \$0       | \$0       | \$0       | \$0       | \$0  | <b>\$0</b>       |

**7. Consequences/Implications of Not Undertaking Project (including alternatives):**

The replacement of this equipment was determined by using the Economic Theory of Vehicle Replacement, a weighted point system reviewing repair costs, useful life and vehicle condition as indicated in the County Council approved 2007 Equipment, Fleet and Shop Operations Management Practice Manual, as well as overall usage, maintenance history, and projected future costs. Deferring the replacement of vehicles and equipment beyond a certain point actually causes total vehicle costs to rise, making a fleet more costly, not cheaper to own and operate. In this case, the consequence would be increased repair costs and downtime.

**8. Identify Sources and Amounts of Funding**

|      | From Reserve -<br>Transportation<br>Equipment | Other (Specify)<br>- Sale of assets |
|------|-----------------------------------------------|-------------------------------------|
| 2018 | \$106,000                                     | \$26,500                            |
| 2019 | \$108,500                                     | \$27,000                            |
| 2020 | \$110,500                                     | \$27,500                            |
| 2021 | \$0                                           | \$0                                 |
| 2022 | \$0                                           | \$0                                 |

|              |                  |                 |
|--------------|------------------|-----------------|
| <b>Total</b> | <b>\$325,000</b> | <b>\$81,000</b> |
|--------------|------------------|-----------------|

**9. Compliance with Council objective/strategic plan (if applicable):**

As indicated above, County Council approved the 2007 Equipment, Fleet & Shop Operations Management Practice Manual, thereby supporting vehicle replacement criteria utilized for the TAPS fleet.

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

None

**1. Department / Function: Machinery -**

**Details of Project/Study: Purchase of Payloaders**

**2. Total Gross Cost of Proposed Capital Project/Study: \$692,000**

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              |                       | \$692,000 |                 |

2018 - 1 at \$226,000 2019 - 1 at \$231,000 2020 - 1 at \$235,000

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018      | 2019      | 2020      | 2021 | 2022 | Total            |
|--------------|-----------|-----------|-----------|------|------|------------------|
| <b>Gross</b> | \$226,000 | \$231,000 | \$235,000 | \$0  | \$0  | <b>\$692,000</b> |
| <b>Net</b>   | \$0       | \$0       | \$0       | \$0  | \$0  | <b>\$0</b>       |

**3. Estimated Useful Life: 12 years**

**4. Location of Project/Study (if applicable):**

| Facility Name / Address | Municipality |
|-------------------------|--------------|
|-------------------------|--------------|

**5. Need or Benefit(s) of Project (including safety issues):**

Payloaders are used mainly for loading and stockpiling winter materials. They are also used for snow removal at the depots during the winter. Payloaders are used for loading maintenance materials and construction projects.

**6. Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:**

|              | 2017 | 2018      | 2019      | 2020      | 2021 | Total            |
|--------------|------|-----------|-----------|-----------|------|------------------|
| <b>Gross</b> | \$0  | \$250,000 | \$255,000 | \$260,000 | \$0  | <b>\$765,000</b> |
| <b>Net</b>   | \$0  | \$0       | \$0       | \$0       | \$0  | <b>\$0</b>       |

**7. Consequences/Implications of Not Undertaking Project (including alternatives):**

The replacement of this equipment was determined by using the Economic Theory of Vehicle Replacement, a weighted point system reviewing repair costs, useful life and vehicle condition as indicated in the County Council approved 2007 Equipment, Fleet and Shop Operations Management Practice Manual, as well as overall usage, maintenance history, and projected future costs. Deferring the replacement of vehicles and equipment beyond a certain point actually causes total vehicle costs to rise, making a fleet more costly, not cheaper to own and operate. In this case, the consequence would be increased repair costs and downtime.

**8. Identify Sources and Amounts of Funding**

|              | From Reserve -<br>Transportation<br>Equipment | Other (Specify)<br>- Sale of assets |
|--------------|-----------------------------------------------|-------------------------------------|
| 2018         | \$194,000                                     | \$32,000                            |
| 2019         | \$187,000                                     | \$44,000                            |
| 2020         | \$190,000                                     | \$45,000                            |
| 2021         | \$0                                           | \$0                                 |
| 2022         | \$0                                           | \$0                                 |
| <b>Total</b> | <b>\$571,000</b>                              | <b>\$121,000</b>                    |

**9. Compliance with Council objective/strategic plan (if applicable):**

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

**1. Department / Function: Machinery - 2018**

**Details of Project/Study: Purchase of Brush Chipper**

**2. Total Gross Cost of Proposed Capital Project/Study: \$63,000**

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              |                       | \$63,000  |                 |

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018     | 2019 | 2020 | 2021 | 2022 | Total           |
|--------------|----------|------|------|------|------|-----------------|
| <b>Gross</b> | \$63,000 | \$0  | \$0  | \$0  | \$0  | <b>\$63,000</b> |
| <b>Net</b>   | \$0      | \$0  | \$0  | \$0  | \$0  | <b>\$0</b>      |

**3. Estimated Useful Life: 10 years**

**4. Location of Project/Study (if applicable):**

| Facility Name / Address | Municipality |
|-------------------------|--------------|
|-------------------------|--------------|

**5. Need or Benefit(s) of Project (including safety issues):**

Brush chippers are mainly used during the summer maintenance season for brushing and hazardous tree removal as part of the department's ongoing vegetation management program. They are also used on capital projects prior to construction to reduce construction costs. Brush chippers are used during the winter maintenance season for storm damage cleanup. Chipping the brush and tree tops is an economical and efficient method to dispose of brush instead of burning or hauling to landfill sites.

**6. Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:**

|              | 2017 | 2018     | 2019 | 2020 | 2021 | Total           |
|--------------|------|----------|------|------|------|-----------------|
| <b>Gross</b> | \$0  | \$63,000 | \$0  | \$0  | \$0  | <b>\$63,000</b> |
| <b>Net</b>   | \$0  | \$0      | \$0  | \$0  | \$0  | <b>\$0</b>      |

**7. Consequences/Implications of Not Undertaking Project (including alternatives):**

The replacement of this equipment was determined by using the Economic Theory of Vehicle Replacement, a weighted point system reviewing repair costs, useful life and vehicle condition as indicated in the County Council approved 2007 Equipment, Fleet and Shop Operations Management Practice Manual, as well as overall usage, maintenance history, and projected future costs. Deferring the replacement of vehicles and equipment beyond a certain point actually causes total vehicle costs to rise, making a fleet more costly, not cheaper to own and operate. In this case, the consequence would be increased repair costs and downtime.

**8. Identify Sources and Amounts of Funding**

|      | From Reserve -<br>Transportation<br>Equipment | Other (Specify)<br>- Sale of assets |
|------|-----------------------------------------------|-------------------------------------|
| 2018 | \$55,500                                      | \$7,500                             |
| 2019 | \$0                                           | \$0                                 |
| 2020 | \$0                                           | \$0                                 |
| 2021 | \$0                                           | \$0                                 |
| 2022 | \$0                                           | \$0                                 |

|              |                 |                |
|--------------|-----------------|----------------|
| <b>Total</b> | <b>\$55,500</b> | <b>\$7,500</b> |
|--------------|-----------------|----------------|

**9. Compliance with Council objective/strategic plan (if applicable):**

As indicated above, County Council approved the 2007 Equipment, Fleet and Shop Operations Management Practice Manual, thereby supporting vehicle replacement criteria utilized for the TAPS fleet.

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

**1. Department / Function: Machinery - 2019**

**Details of Project/Study: Purchase of 3/4-ton Truck**

**2. Total Gross Cost of Proposed Capital Project/Study: \$34,500**

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              |                       | \$34,500  |                 |

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018 | 2019     | 2020 | 2021 | 2022 | Total           |
|--------------|------|----------|------|------|------|-----------------|
| <b>Gross</b> | \$0  | \$34,500 | \$0  | \$0  | \$0  | <b>\$34,500</b> |
| <b>Net</b>   | \$0  | \$0      | \$0  | \$0  | \$0  | <b>\$0</b>      |

**3. Estimated Useful Life: 7 years**

**4. Location of Project/Study (if applicable):**

| Facility Name / Address | Municipality |
|-------------------------|--------------|
|-------------------------|--------------|

**5. Need or Benefit(s) of Project (including safety issues):**

The 3/4 ton truck is equipped with a water tank for weed spraying during the summer maintenance season. It is also used by the weed inspector to identify locations noxious and invasive weed species throughout Grey County. During the winter maintenance season this truck is used as a spare truck for patrol and mechanic staff.

**6. Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:**

|              | 2017 | 2018 | 2019     | 2020 | 2021 | Total           |
|--------------|------|------|----------|------|------|-----------------|
| <b>Gross</b> | \$0  | \$0  | \$32,500 | \$0  | \$0  | <b>\$32,500</b> |
| <b>Net</b>   | \$0  | \$0  | \$0      | \$0  | \$0  | <b>\$0</b>      |

**7. Consequences/Implications of Not Undertaking Project (including alternatives):**

The replacement of this equipment was determined by using the Economic Theory of Vehicle Replacement, a weighted point system reviewing repair costs, useful life and vehicle condition as indicated in the County Council approved 2007 Equipment, Fleet and Shop Operations Management Practice Manual, as well as overall usage, maintenance history, and projected future costs. Deferring the replacement of vehicles and equipment beyond a certain point actually causes total vehicle costs to rise, making a fleet more costly, not cheaper to own and operate. In this case, the consequence would be increased repair costs and downtime.

**8. Identify Sources and Amounts of Funding**

|              | From Reserve -<br>Transportation<br>Equipment | Other (Specify)<br>- Sale of assets |
|--------------|-----------------------------------------------|-------------------------------------|
| 2018         | \$0                                           | \$0                                 |
| 2019         | \$31,050                                      | \$3,450                             |
| 2020         | \$0                                           | \$0                                 |
| 2021         | \$0                                           | \$0                                 |
| 2022         | \$0                                           | \$0                                 |
| <b>Total</b> | <b>\$31,050</b>                               | <b>\$3,450</b>                      |

**9. Compliance with Council objective/strategic plan (if applicable):**

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

**1. Department / Function: Machinery -**

**Details of Project/Study: Purchase of Ontario Works 15 Passenger Vans**

**2. Total Gross Cost of Proposed Capital Project/Study: \$41,000**

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              |                       | \$41,000  |                 |

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018 | 2019     | 2020 | 2021 | 2022 | Total           |
|--------------|------|----------|------|------|------|-----------------|
| <b>Gross</b> | \$0  | \$41,000 | \$0  | \$0  | \$0  | <b>\$41,000</b> |
| <b>Net</b>   | \$0  | \$0      | \$0  | \$0  | \$0  | <b>\$0</b>      |

**3. Estimated Useful Life: 6 years**

**4. Location of Project/Study (if applicable):**

| Facility Name / Address | Municipality |
|-------------------------|--------------|
|                         |              |

**5. Need or Benefit(s) of Project (including safety issues):**

This passenger van is used to transport Grey County Social Services clients.

**6. Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:**

|              | 2017     | 2018 | 2019     | 2020 | 2021 | Total           |
|--------------|----------|------|----------|------|------|-----------------|
| <b>Gross</b> | \$40,000 | \$0  | \$41,000 | \$0  | \$0  | <b>\$81,000</b> |
| <b>Net</b>   | \$0      | \$0  | \$0      | \$0  | \$0  | <b>\$0</b>      |

**7. Consequences/Implications of Not Undertaking Project (including alternatives):**

The replacement of this equipment was determined by using the Economic Theory of Vehicle Replacement, a weighted point system reviewing repair costs, useful life and vehicle condition as indicated in the County Council approved 2007 Equipment, Fleet and Shop Operations Management Practice Manual, as well as overall usage, maintenance history, and projected future costs. Deferring the replacement of vehicles and equipment beyond a certain point actually causes total vehicle costs to rise, making a fleet more costly, not cheaper to own and operate. In this case, the consequence would be increased repair costs and downtime.

**8. Identify Sources and Amounts of Funding**

|              | From Reserve -<br>Transportation<br>Equipment | Other (Specify)<br>- Sale of assets |
|--------------|-----------------------------------------------|-------------------------------------|
| 2018         | \$0                                           | \$0                                 |
| 2019         | \$41,000                                      | \$0                                 |
| 2020         | \$0                                           | \$0                                 |
| 2021         | \$0                                           | \$0                                 |
| 2022         | \$0                                           | \$0                                 |
| <b>Total</b> | <b>\$41,000</b>                               | <b>\$0</b>                          |

**9. Compliance with Council objective/strategic plan (if applicable):**

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

**1. Department / Function: Machinery - 2019**

**Details of Project/Study: Purchase of Tractor with Loader, Mower, Sweeper**

**2. Total Gross Cost of Proposed Capital Project/Study: \$99,000**

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              |                       | \$99,000  |                 |

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018 | 2019     | 2020 | 2021 | 2022 | Total           |
|--------------|------|----------|------|------|------|-----------------|
| <b>Gross</b> | \$0  | \$99,000 | \$0  | \$0  | \$0  | <b>\$99,000</b> |
| <b>Net</b>   | \$0  | \$0      | \$0  | \$0  | \$0  | <b>\$0</b>      |

**3. Estimated Useful Life: 12 years**

**4. Location of Project/Study (if applicable):**

| Facility Name / Address | Municipality |
|-------------------------|--------------|
|-------------------------|--------------|

**5. Need or Benefit(s) of Project (including safety issues):**

The tractor with loader, mower and sweeper is for grass cutting, sweeping intersections and loading summer maintenance materials. during the winter maintenance season this unit is used to clear snow at the depot and as a spare loader for loading winter maintenance materials.

**6. Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:**

|              | 2017 | 2018 | 2019     | 2020 | 2021 | Total           |
|--------------|------|------|----------|------|------|-----------------|
| <b>Gross</b> | \$0  | \$0  | \$99,000 | \$0  | \$0  | <b>\$99,000</b> |
| <b>Net</b>   | \$0  | \$0  | \$0      | \$0  | \$0  | <b>\$0</b>      |

**7. Consequences/Implications of Not Undertaking Project (including alternatives):**

The replacement of this equipment was determined by using the Economic Theory of Vehicle Replacement, a weighted point system reviewing repair costs, useful life and vehicle condition as indicated in the County Council approved 2007 Equipment, Fleet and Shop Operations Management Practice Manual, as well as overall usage, maintenance history, and projected future costs. Deferring the replacement of vehicles and equipment beyond a certain point actually causes total vehicle costs to rise, making a fleet more costly, not cheaper to own and operate. In this case, the consequence would be increased repair costs and downtime.

**8. Identify Sources and Amounts of Funding**

|              | From Reserve -<br>Transportation<br>Equipment | Other (Specify)<br>- Sale of assets |
|--------------|-----------------------------------------------|-------------------------------------|
| 2018         | \$0                                           | \$0                                 |
| 2019         | \$84,000                                      | \$15,000                            |
| 2020         | \$0                                           | \$0                                 |
| 2021         | \$0                                           | \$0                                 |
| 2022         | \$0                                           | \$0                                 |
| <b>Total</b> | <b>\$84,000</b>                               | <b>\$15,000</b>                     |

**9. Compliance with Council objective/strategic plan (if applicable):**

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

**1. Department / Function: Machinery - 2019**

**Details of Project/Study: Purchase of Gradall**

**2. Total Gross Cost of Proposed Capital Project/Study: \$390,000**

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              |                       | \$390,000 |                 |

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018 | 2019      | 2020 | 2021 | 2022 | Total            |
|--------------|------|-----------|------|------|------|------------------|
| <b>Gross</b> | \$0  | \$390,000 | \$0  | \$0  | \$0  | <b>\$390,000</b> |
| <b>Net</b>   | \$0  | \$0       | \$0  | \$0  | \$0  | <b>\$0</b>       |

**3. Estimated Useful Life: 6 years**

**4. Location of Project/Study (if applicable):**

| Facility Name / Address | Municipality |
|-------------------------|--------------|
|-------------------------|--------------|

**5. Need or Benefit(s) of Project (including safety issues):**

The Gradall is mainly used during the summer maintenance season for ditch cleanout, wash out repair, and construction trimming on base repairs. This machine is also used for culvert placement, landscaping back slopes and to construct check dams in drainage ditches to reduce water flow velocity. The Gradall is used during the winter maintenance season for snow ditching and flood control.

**6. Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:**

|              | 2017 | 2018      | 2019 | 2020 | 2021 | Total            |
|--------------|------|-----------|------|------|------|------------------|
| <b>Gross</b> | \$0  | \$390,000 | \$0  | \$0  | \$0  | <b>\$390,000</b> |
| <b>Net</b>   | \$0  | \$0       | \$0  | \$0  | \$0  | <b>\$0</b>       |

**7. Consequences/Implications of Not Undertaking Project (including alternatives):**

The replacement of this equipment was determined by using the Economic Theory of Vehicle Replacement, a weighted point system reviewing repair costs, useful life and vehicle condition as indicated in the County Council approved 2007 Equipment, Fleet and Shop Operations Management Practice Manual, as well as overall usage, maintenance history, and projected future costs. Deferring the replacement of vehicles and equipment beyond a certain point actually causes total vehicle costs to rise, making a fleet more costly, not cheaper to own and operate. In this case, the consequence would be increased repair costs and downtime.

**8. Identify Sources and Amounts of Funding**

|              | From Reserve -<br>Transportation<br>Equipment | Other (Specify)<br>- Sale of assets |
|--------------|-----------------------------------------------|-------------------------------------|
| 2018         | \$0                                           | \$0                                 |
| 2019         | \$282,000                                     | \$108,000                           |
| 2020         | \$0                                           | \$0                                 |
| 2021         | \$0                                           | \$0                                 |
| 2022         | \$0                                           | \$0                                 |
| <b>Total</b> | <b>\$282,000</b>                              | <b>\$108,000</b>                    |

**9. Compliance with Council objective/strategic plan (if applicable):**

As indicated above, County Council approved the 2007 Equipment, Fleet and Shop Operations Management Practice Manual, thereby supporting vehicle replacement criteria utilized for the TAPS fleet.

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

**1. Department / Function: Machinery -**

**Details of Project/Study: Purchase of Bridge Crew Utility Vehicles**

**2. Total Gross Cost of Proposed Capital Project/Study: \$13,200**

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              |                       | \$13,200  |                 |

2020 - 1 at \$13,200

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018 | 2019 | 2020     | 2021 | 2022 | Total           |
|--------------|------|------|----------|------|------|-----------------|
| <b>Gross</b> | \$0  | \$0  | \$13,200 | \$0  | \$0  | <b>\$13,200</b> |
| <b>Net</b>   | \$0  | \$0  | \$0      | \$0  | \$0  | <b>\$0</b>      |

**3. Estimated Useful Life: 3 years**

**4. Location of Project/Study (if applicable):**

| Facility Name / Address | Municipality |
|-------------------------|--------------|
|-------------------------|--------------|

**5. Need or Benefit(s) of Project (including safety issues):**

The bridge crew needs a utility vehicle to carry their work during the summer maintenance season. The unit is a re-purposed ambulance from Paramedic Services. This vehicle type works well for the bridge crew.

**6. Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:**

|              | 2017     | 2018 | 2019 | 2020     | 2021 | Total           |
|--------------|----------|------|------|----------|------|-----------------|
| <b>Gross</b> | \$12,500 | \$0  | \$0  | \$13,500 | \$0  | <b>\$26,000</b> |
| <b>Net</b>   | \$0      | \$0  | \$0  | \$0      | \$0  | <b>\$0</b>      |

**7. Consequences/Implications of Not Undertaking Project (including alternatives):**

The replacement of this equipment was determined by using the Economic Theory of Vehicle Replacement, a weighted point system reviewing repair costs, useful life and vehicle condition as indicated in the County Council approved 2007 Equipment, Fleet and Shop Operations Management Practice Manual, as well as overall usage, maintenance history, and projected future costs. Deferring the replacement of vehicles and equipment beyond a certain point actually causes total vehicle costs to rise, making a fleet more costly, not cheaper to own and operate. In this case, the consequence would be increased repair costs and downtime.

**8. Identify Sources and Amounts of Funding**

|              | From Reserve -<br>Transportation<br>Equipment | Other (Specify)<br>- Sale of assets |
|--------------|-----------------------------------------------|-------------------------------------|
| 2018         | \$0                                           | \$0                                 |
| 2019         | \$0                                           | \$0                                 |
| 2020         | \$11,100                                      | \$2,100                             |
| 2021         | \$0                                           | \$0                                 |
| 2022         | \$0                                           | \$0                                 |
| <b>Total</b> | <b>\$11,100</b>                               | <b>\$2,100</b>                      |

**9. Compliance with Council objective/strategic plan (if applicable):**

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

1. **Department / Function: Machinery - 2020**

**Details of Project/Study: Purchase of Passenger Vehicle**

2. **Total Gross Cost of Proposed Capital Project/Study: \$24,000**

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              |                       | \$24,000  |                 |

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018 | 2019 | 2020     | 2021 | 2022 | Total           |
|--------------|------|------|----------|------|------|-----------------|
| <b>Gross</b> | \$0  | \$0  | \$24,000 | \$0  | \$0  | <b>\$24,000</b> |
| <b>Net</b>   | \$0  | \$0  | \$0      | \$0  | \$0  | <b>\$0</b>      |

3. **Estimated Useful Life: 7 years**

4. **Location of Project/Study (if applicable):**

| Facility Name / Address | Municipality |
|-------------------------|--------------|
|-------------------------|--------------|

5. **Need or Benefit(s) of Project (including safety issues):**

The passenger vehicle is used mainly by the Maintenance Manager to review maintenance operations throughout Grey County. This vehicle is also used by the Maintenance Manager to attend various off site meetings and training as part of this position's role and responsibilities.

6. **Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:**

|              | 2017 | 2018 | 2019     | 2020 | 2021 | Total           |
|--------------|------|------|----------|------|------|-----------------|
| <b>Gross</b> | \$0  | \$0  | \$24,000 | \$0  | \$0  | <b>\$24,000</b> |
| <b>Net</b>   | \$0  | \$0  | \$0      | \$0  | \$0  | <b>\$0</b>      |

7. **Consequences/Implications of Not Undertaking Project (including alternatives):**

The replacement of this equipment was determined by using the Economic Theory of Vehicle Replacement, a weighted point system reviewing repair costs, useful life and vehicle condition as indicated in the County Council approved 2007 Equipment, Fleet and Shop Operations Management Practice Manual, as well as overall usage, maintenance history, and projected future costs. Deferring the replacement of vehicles and equipment beyond a certain point actually causes total vehicle costs to rise, making a fleet more costly, not cheaper to own and operate. In this case, the consequence would be increased repair costs and downtime.

8. **Identify Sources and Amounts of Funding**

|              | From Reserve -<br>Transportation<br>Equipment | Other (Specify)<br>- Sale of assets |
|--------------|-----------------------------------------------|-------------------------------------|
| 2018         | \$0                                           | \$0                                 |
| 2019         | \$0                                           | \$0                                 |
| 2020         | \$22,000                                      | \$2,000                             |
| 2021         | \$0                                           | \$0                                 |
| 2022         | \$0                                           | \$0                                 |
| <b>Total</b> | <b>\$22,000</b>                               | <b>\$2,000</b>                      |

**9. Compliance with Council objective/strategic plan (if applicable):**

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

**1. Department / Function: Machinery -**

**Details of Project/Study: Purchase of Single-axle Trucks (with Box)**

**2. Total Gross Cost of Proposed Capital Project/Study: \$418,500**

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              |                       | \$418,500 |                 |

2020 - 2 at \$104,000 2021 - 2 at \$106,500

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018 | 2019 | 2020      | 2021      | 2022 | Total            |
|--------------|------|------|-----------|-----------|------|------------------|
| <b>Gross</b> | \$0  | \$0  | \$208,000 | \$213,000 | \$0  | <b>\$421,000</b> |
| <b>Net</b>   | \$0  | \$0  | \$0       | \$0       | \$0  | <b>\$0</b>       |

**3. Estimated Useful Life: 12 years**

**4. Location of Project/Study (if applicable):**

| Facility Name / Address | Municipality |
|-------------------------|--------------|
|-------------------------|--------------|

**5. Need or Benefit(s) of Project (including safety issues):**

Single-axle trucks are used to carry and apply anti-icing liquids during the winter maintenance season. These vehicles are also used instead of a larger truck to carry guide posts and other supplies for guide rail and steel beam repair and installation. Single axle trucks are used to carry a water tank for bridge washing operations and to carry granular material for minor washout repairs.

**6. Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:**

|              | 2017 | 2018 | 2019 | 2020      | 2021      | Total            |
|--------------|------|------|------|-----------|-----------|------------------|
| <b>Gross</b> | \$0  | \$0  | \$0  | \$312,000 | \$106,500 | <b>\$418,500</b> |
| <b>Net</b>   | \$0  | \$0  | \$0  | \$0       | \$0       | <b>\$0</b>       |

**7. Consequences/Implications of Not Undertaking Project (including alternatives):**

The replacement of this equipment was determined by using the Economic Theory of Vehicle Replacement, a weighted point system reviewing repair costs, useful life and vehicle condition as indicated in the County Council approved 2007 Equipment, Fleet and Shop Operations Management Practice Manual, as well as overall usage, maintenance history, and projected future costs. Deferring the replacement of vehicles and equipment beyond a certain point actually causes total vehicle costs to rise, making a fleet more costly, not cheaper to own and operate. In this case, the consequence would be increased repair costs and downtime.

**8. Identify Sources and Amounts of Funding**

|      | From Reserve -<br>Transportation<br>Equipment | Other (Specify)<br>- Sale of assets |
|------|-----------------------------------------------|-------------------------------------|
| 2018 | \$0                                           | \$0                                 |
| 2019 | \$0                                           | \$0                                 |
| 2020 | \$168,000                                     | \$40,000                            |
| 2021 | \$173,000                                     | \$40,000                            |

|              |                  |                 |
|--------------|------------------|-----------------|
| 2022         | \$0              | \$0             |
| <b>Total</b> | <b>\$341,000</b> | <b>\$80,000</b> |

9. **Compliance with Council objective/strategic plan (if applicable):**

10. **Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

**1. Department / Function: Machinery - 2022**

**Details of Project/Study: Purchase of One-ton Trucks**

**2. Total Gross Cost of Proposed Capital Project/Study: \$66,000**

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              |                       | \$66,000  |                 |

2022 - 1 at \$66,000

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018 | 2019 | 2020 | 2021 | 2022     | Total           |
|--------------|------|------|------|------|----------|-----------------|
| <b>Gross</b> | \$0  | \$0  | \$0  | \$0  | \$66,000 | <b>\$66,000</b> |
| <b>Net</b>   | \$0  | \$0  | \$0  | \$0  | \$0      | <b>\$0</b>      |

**3. Estimated Useful Life: 10 years**

**4. Location of Project/Study (if applicable):**

| Facility Name / Address | Municipality |
|-------------------------|--------------|
|-------------------------|--------------|

**5. Need or Benefit(s) of Project (including safety issues):**

The one-ton truck is a crew cab model and can easily carry a full work crew to the job locations. This type of truck offers easy accessibility to materials in the back and is used for pot hole patching, litter pickup, and sign repair and installation.

**6. Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:**

|              | 2017 | 2018 | 2019 | 2020 | 2021 | Total      |
|--------------|------|------|------|------|------|------------|
| <b>Gross</b> | \$0  | \$0  | \$0  | \$0  | \$0  | <b>\$0</b> |
| <b>Net</b>   | \$0  | \$0  | \$0  | \$0  | \$0  | <b>\$0</b> |

**7. Consequences/Implications of Not Undertaking Project (including alternatives):**

The replacement of this equipment was determined by using the Economic Theory of Vehicle Replacement, a weighted point system reviewing repair costs, useful life and vehicle condition as indicated in the County Council approved 2007 Equipment, Fleet and Shop Operations Management Practice Manual, as well as overall usage, maintenance history, and projected future costs. Deferring the replacement of vehicles and equipment beyond a certain point actually causes total vehicle costs to rise, making a fleet more costly, not cheaper to own and operate. In this case, the consequence would be increased repair costs and downtime.

**8. Identify Sources and Amounts of Funding**

|              | From Reserve -<br>Transportation<br>Equipment | Other (Specify)<br>- Sale of assets |
|--------------|-----------------------------------------------|-------------------------------------|
| 2018         | \$0                                           | \$0                                 |
| 2019         | \$0                                           | \$0                                 |
| 2020         | \$0                                           | \$0                                 |
| 2021         | \$0                                           | \$0                                 |
| 2022         | \$51,000                                      | \$15,000                            |
| <b>Total</b> | <b>\$51,000</b>                               | <b>\$15,000</b>                     |

**9. Compliance with Council objective/strategic plan (if applicable):**

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

**1. Department / Function: Machinery -**

**Details of Project/Study: Purchase of Graders**

**2. Total Gross Cost of Proposed Capital Project/Study: \$416,000**

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              |                       | \$416,000 |                 |

2022 - 1 at \$416,000

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018 | 2019 | 2020 | 2021 | 2022      | Total            |
|--------------|------|------|------|------|-----------|------------------|
| <b>Gross</b> | \$0  | \$0  | \$0  | \$0  | \$416,000 | <b>\$416,000</b> |
| <b>Net</b>   | \$0  | \$0  | \$0  | \$0  | \$0       | <b>\$0</b>       |

**3. Estimated Useful Life: 12 years**

**4. Location of Project/Study (if applicable):**

| Facility Name / Address | Municipality |
|-------------------------|--------------|
|-------------------------|--------------|

**5. Need or Benefit(s) of Project (including safety issues):**

Graders are mainly used for shoulder grading and berm removal. They are used for construction projects and base repairs. During the winter maintenance season graders are used for high winging and pushing snow banks back in the drifted sections. They are also used for winter flood control.

**6. Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:**

|              | 2017      | 2018 | 2019 | 2020 | 2021 | Total            |
|--------------|-----------|------|------|------|------|------------------|
| <b>Gross</b> | \$395,000 | \$0  | \$0  | \$0  | \$0  | <b>\$395,000</b> |
| <b>Net</b>   | \$0       | \$0  | \$0  | \$0  | \$0  | <b>\$0</b>       |

**7. Consequences/Implications of Not Undertaking Project (including alternatives):**

The replacement of this equipment was determined by using the Economic Theory of Vehicle Replacement, a weighted point system reviewing repair costs, useful life and vehicle condition as indicated in the County Council approved 2007 Equipment, Fleet and Shop Operations Management Practice Manual, as well as overall usage, maintenance history, and projected future costs. Deferring the replacement of vehicles and equipment beyond a certain point actually causes total vehicle costs to rise, making a fleet more costly, not cheaper to own and operate. In this case, the consequence would be increased repair costs and downtime.

**8. Identify Sources and Amounts of Funding**

|              | From Reserve -<br>Transportation<br>Equipment | Other (Specify)<br>- Sale of assets |
|--------------|-----------------------------------------------|-------------------------------------|
| 2018         | \$0                                           | \$0                                 |
| 2019         | \$0                                           | \$0                                 |
| 2020         | \$0                                           | \$0                                 |
| 2021         | \$0                                           | \$0                                 |
| 2022         | \$326,000                                     | \$90,000                            |
| <b>Total</b> | <b>\$326,000</b>                              | <b>\$90,000</b>                     |

**9. Compliance with Council objective/strategic plan (if applicable):**

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

**1. Department / Function: Machinery -**

**Details of Project/Study: Non-Licensed Equipment**

**2. Total Gross Cost of Proposed Capital Project/Study: \$281,000**

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              |                       | \$281,000 |                 |

Funds to replace miscellaneous non-licensed equipment. Items such as chain saws, generators, air compressors, weed eaters, etc.

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018     | 2019     | 2020     | 2021     | 2022     | Total            |
|--------------|----------|----------|----------|----------|----------|------------------|
| <b>Gross</b> | \$54,000 | \$55,000 | \$56,000 | \$57,500 | \$58,500 | <b>\$281,000</b> |
| <b>Net</b>   | \$0      | \$0      | \$0      | \$0      | \$0      | <b>\$0</b>       |

**3. Estimated Useful Life: Various**

**4. Location of Project/Study (if applicable):**

| Facility Name / Address | Municipality |
|-------------------------|--------------|
|-------------------------|--------------|

**5. Need or Benefit(s) of Project (including safety issues):**

Funds to replace miscellaneous non-licensed equipment. Items such as chain saws, generators, air compressors, weed eaters, etc.

**6. Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:**

|              | 2017     | 2018     | 2019     | 2020     | 2021     | Total            |
|--------------|----------|----------|----------|----------|----------|------------------|
| <b>Gross</b> | \$53,000 | \$54,000 | \$55,000 | \$56,000 | \$57,500 | <b>\$275,500</b> |
| <b>Net</b>   | \$0      | \$0      | \$0      | \$0      | \$0      | <b>\$0</b>       |

**7. Consequences/Implications of Not Undertaking Project (including alternatives):**

Equipment will reach the end of its estimated life cycle. It is economically time to replace these items due to the amount of usage and wear. If not replaced increased maintenance and possible down time will occur.

**8. Identify Sources and Amounts of Funding**

|              | From Reserve -<br>Transportation<br>Equipment |
|--------------|-----------------------------------------------|
| 2018         | \$54,000                                      |
| 2019         | \$55,000                                      |
| 2020         | \$56,000                                      |
| 2021         | \$57,500                                      |
| 2022         | \$58,500                                      |
| <b>Total</b> | <b>\$281,000</b>                              |

**9. Compliance with Council objective/strategic plan (if applicable):**

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

1. **Department / Function: Machinery -**

**Details of Project/Study: Transportation Equipment Reserve Funding**

2. **Total Gross Cost of Proposed Capital Project/Study: \$3,300,000**

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              |                       |           | \$3,300,000     |

Annual contribution to reserve in order to fund equipment replacement purchases. With an amount of \$895,000 beginning in 2018, the equipment reserve will be in a positive balance through the end of our analysis, to 2039. The amount that comes from taxation will increase each year until it reaches \$895,000 in 2022. The difference will be funded from the Transportation Services General Reserve.

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018      | 2019      | 2020      | 2021      | 2022      | Total              |
|--------------|-----------|-----------|-----------|-----------|-----------|--------------------|
| <b>Gross</b> | \$895,000 | \$895,000 | \$895,000 | \$895,000 | \$895,000 | <b>\$4,475,000</b> |
| <b>Net</b>   | \$707,000 | \$754,000 | \$801,000 | \$848,000 | \$895,000 | <b>\$4,005,000</b> |

3. **Estimated Useful Life: N/A**

4. **Location of Project/Study (if applicable):**

| Facility Name / Address | Municipality |
|-------------------------|--------------|
|-------------------------|--------------|

5. **Need or Benefit(s) of Project (including safety issues):**

Funding required in order to fund replacement of equipment and machinery based on life-cycle replacement schedules.

6. **Scheduling and Cost of Project/Study in 2017-2021 Capital Plan: \$1,100,000**

|              | 2017      | 2018      | 2019      | 2020      | 2021      | Total              |
|--------------|-----------|-----------|-----------|-----------|-----------|--------------------|
| <b>Gross</b> | \$660,000 | \$660,000 | \$660,000 | \$660,000 | \$660,000 | <b>\$3,300,000</b> |
| <b>Net</b>   | \$660,000 | \$660,000 | \$660,000 | \$660,000 | \$660,000 | <b>\$3,300,000</b> |

7. **Consequences/Implications of Not Undertaking Project (including alternatives):**

Reserves will not have sufficient funds to fund replacement of equipment as per replacement life-cycles. Additional equipment repair costs could be incurred, etc.

8. **Identify Sources and Amounts of Funding**

|              | To Reserve - Equipment Reserve | From Reserve - Transportation Services General |
|--------------|--------------------------------|------------------------------------------------|
| 2018         | \$707,000                      | \$188,000                                      |
| 2019         | \$754,000                      | \$141,000                                      |
| 2020         | \$801,000                      | \$94,000                                       |
| 2021         | \$848,000                      | \$47,000                                       |
| 2022         | \$895,000                      | \$0                                            |
| <b>Total</b> | <b>\$4,005,000</b>             | <b>\$470,000</b>                               |

**9. Compliance with Council objective/strategic plan (if applicable):**

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

**1. Department / Function: Machinery -**

**Details of Project/Study: OW Van Replacement Reserve Funding**

**2. Total Gross Cost of Proposed Capital Project/Study: \$75,000**

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              |                       |           | \$75,000        |

Annual contribution to reserve in order to fund Ontario Works Van replacement purchases.

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018     | 2019     | 2020     | 2021     | 2022     | Total           |
|--------------|----------|----------|----------|----------|----------|-----------------|
| <b>Gross</b> | \$15,000 | \$15,000 | \$15,000 | \$15,000 | \$15,000 | <b>\$75,000</b> |
| <b>Net</b>   | \$15,000 | \$15,000 | \$15,000 | \$15,000 | \$15,000 | <b>\$75,000</b> |

**3. Estimated Useful Life:** As per lifecycle replacement schedules for OW Vans

**4. Location of Project/Study (if applicable):**

| Facility Name / Address | Municipality |
|-------------------------|--------------|
|-------------------------|--------------|

**5. Need or Benefit(s) of Project (including safety issues):**

Funding required in order to fund replacement of Ontario Works Vans based on lifecycle replacement schedules.

**6. Scheduling and Cost of Project/Study in 2017-2021 Capital Plan: \$20,000 annually**

|              | 2017     | 2018     | 2019     | 2020     | 2021     | Total           |
|--------------|----------|----------|----------|----------|----------|-----------------|
| <b>Gross</b> | \$15,000 | \$15,000 | \$15,000 | \$15,000 | \$15,000 | <b>\$75,000</b> |
| <b>Net</b>   | \$15,000 | \$15,000 | \$15,000 | \$15,000 | \$15,000 | <b>\$75,000</b> |

**7. Consequences/Implications of Not Undertaking Project (including alternatives):**

Reserves will not have sufficient funds to fund replacement of OW Vans as per lifecycle replacement schedules. Additional repairs costs could be incurred, etc.

**8. Identify Sources and Amounts of Funding**

|              | To Reserve -<br>OW Van<br>Replacement<br>Reserve |
|--------------|--------------------------------------------------|
| 2018         | \$15,000                                         |
| 2019         | \$15,000                                         |
| 2020         | \$15,000                                         |
| 2021         | \$15,000                                         |
| 2022         | \$15,000                                         |
| <b>Total</b> | <b>\$75,000</b>                                  |

**9. Compliance with Council objective/strategic plan (if applicable):**

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**



**1. Department / Function: Housing**

**Details of Project/Study: Capital Purchases - Chatsworth**

**2. Total Gross Cost of Proposed Capital Project/Study: \$410,900**

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              | \$410,900             |           |                 |

2018 - Flag Pole \$2,500 2018- Office/Washroom Renovation \$30,000 2019 - Heaters for Maintenance/Mechanic Bays \$18,000 2019 - One Mandoor \$2,000 2020 - Bridge Crew Building \$110,000 2021 - Overhead Doors in Mechanic Bays \$28,000 2021 - Office/Depot Roof \$175,000 2021 - Hot Water Tank and Water Treatment System \$5,400 2022 - Storage Building \$40,000

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018     | 2019     | 2020      | 2021      | 2022     | Total            |
|--------------|----------|----------|-----------|-----------|----------|------------------|
| <b>Gross</b> | \$32,500 | \$20,000 | \$110,000 | \$208,400 | \$40,000 | <b>\$410,900</b> |
| <b>Net</b>   | \$32,500 | \$20,000 | \$110,000 | \$208,400 | \$40,000 | <b>\$410,900</b> |

**3. Estimated Useful Life: various**

**4. Location of Project/Study (if applicable):**

| Facility Name / Address      | Municipality           |
|------------------------------|------------------------|
| Chatsworth Maintenance Depot | Township of Chatsworth |

**5. Need or Benefit(s) of Project (including safety issues):**

Currently have one flag pole with Canadian flag. Additional pole to fly the Grey County Flag for recognition and promotion. As per the Building Condition Assessment, the bathroom fixtures in this municipal building should be assessed for replacement due to their high use. A washroom / office renovation is needed to accommodate a women's washroom and to create a storage room for safety supplies and clothing. Access to the parts room and shop will also be improved by removing a non-bearing wall. The heaters in the maintenance / mechanics bays are nearing the end of their lifecycle. As per the Building Condition Assessment, the mandoor on the Chatsworth Shop is at or past its expected lifecycle and there is a need for it to be updated. The bridge crew requires more storage space and indoor working area. The foreman's office space currently in the lab trailer will also be moved to this building. The overhead doors in the mechanic bays are nearing the end of their life cycle. The Office Depot Roof is flat in structure and should be reviewed for upgrading to prevent premature leaking. The Hot Water Tank and Water Treatment systems should be reviewed for possible replacement at the end of their expected lifecycle. A new storage building will be used to store road closed trailers, road signs, u-flanges and miscellaneous guide rail stock inventory which are currently stored outside. The ability to have access to these items during inclement weather and being stored in a secure building with lighting will increase worker safety.

**6. Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:**

|              | 2017 | 2018 | 2019    | 2020 | 2021      | Total            |
|--------------|------|------|---------|------|-----------|------------------|
| <b>Gross</b> | \$0  | \$0  | \$2,000 | \$0  | \$182,800 | <b>\$184,800</b> |
| <b>Net</b>   | \$0  | \$0  | \$2,000 | \$0  | \$182,800 | <b>\$184,800</b> |

**7. Consequences/Implications of Not Undertaking Project (including alternatives):**

A washroom / office renovation including adding women's washroom will improve this facility for workers and visitors. By removing one wall and adding another, the maximum use of space can be achieved, thereby improving the overall efficiency of the office and parts supply operations. The scheduled replacement of the maintenance / mechanic bay heaters during the summer months will prevent downtime caused by the heater failures in the winter. New heaters should increase fuel efficiency and reduce heating costs. The mandoor, if not replaced will cause other components to deteriorate and may contribute to heat loss in the winter. The current bridge crew building does not have sufficient room to store concrete forming materials. These materials are currently stored outside and deteriorate quickly. Material expenses are increased due to replacement of these materials. The bridge crew foreman's office will be located in this building, when the current lab trailer is abandoned. The scheduled replacement of the overhead doors in the mechanics door will prevent any interruption to the shop operations. New doors have a higher R value and will improve heating efficiency. The Office / Depot roof needs to be assessed to prevent the flat roof structure from leaking which will cause distress and damage to internal building components. The Hot Water Tank should be replaced near the end of its expected manufacturer's lifecycle before the unit starts leaking due to the deterioration of internal components. The Water Treatment System should be assessed to ensure it is functioning properly. This system ensures that there is no damage caused to plumbing and faucets due to the hard water at the Depot. Also the water is used for washing the County's Fleet of vehicles, if the water treatment system is not functioning properly the hard water could damage external components of the vehicles. An additional storage building will give Patrol staff the ability to access road closed trailers, u-flanges for sign repairs, etc. during inclement weather. Having these items stored in a secure building with lighting will increase worker safety.

**8. Identify Sources and Amounts of Funding**

|              | <b>Taxation</b>  |
|--------------|------------------|
| 2018         | \$32,500         |
| 2019         | \$20,000         |
| 2020         | \$110,000        |
| 2021         | \$208,400        |
| 2022         | \$40,000         |
| <b>Total</b> | <b>\$410,900</b> |

**9. Compliance with Council objective/strategic plan (if applicable):**

Action Item 1.6 of the County Corporate Strategic Plan indicates that the County should "accelerate the commitment to lifecycle planning for long-term investment in county-owned capital assets." Replacing building components at the end of their useful life is consistent with this objective.

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

**1. Department / Function: Housing**

**Details of Project/Study: Capital Purchases - Clarksburg**

**2. Total Gross Cost of Proposed Capital Project/Study: \$210,400**

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              | \$210,400             |           |                 |

2018 - replace 15 lower level windows \$9,000 2018 - replace 2 flag poles \$5,000 2019 - 2 new furnaces in repair shop \$15,000 2020 - pave parking lot \$100,000 2020 - shingle dome \$65,000 (ToBM to pay half of this) 2020 - half roof on salt shed \$5,000 2021 - plumbing fixtures \$3,700 2021 - pressure tank \$1,500 2022 - planters \$6,200

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018     | 2019     | 2020      | 2021    | 2022    | Total            |
|--------------|----------|----------|-----------|---------|---------|------------------|
| <b>Gross</b> | \$14,000 | \$15,000 | \$170,000 | \$5,200 | \$6,200 | <b>\$210,400</b> |
| <b>Net</b>   | \$14,000 | \$15,000 | \$37,500  | \$5,200 | \$6,200 | <b>\$77,900</b>  |

**3. Estimated Useful Life: various**

**4. Location of Project/Study (if applicable):**

| Facility Name / Address      | Municipality       |
|------------------------------|--------------------|
| Clarksburg Maintenance Depot | The Blue Mountains |

**5. Need or Benefit(s) of Project (including safety issues):**

Windows have reached their efficient lifecycle. Currently have one flag pole with Canadian flag which is homemade and cannot be replicated. Additional pole to fly the Grey County Flag for recognition and promotion. The furnaces in the repair shop are nearing the end of their lifecycle. The pavement condition at this depot is deteriorating and becoming a maintenance and drainage issue. The paving of the parking lot is planned to coincide with a paving project on Grey Road 13 nearby. The sand dome shingles are nearing the end of their lifecycle. The salt shed roof was partially replaced previously. New steel roofing is now required on the other half. Plumbing fixtures need to be reviewed due to high use of these components in a municipal building. Pressure Tank needs to be reviewed to ensure it has not reached the end of its lifecycle. Replacement should only be if necessary. As per the Building Condition Assessment the planter should be replaced at the end of its lifecycle.

**6. Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:**

|              | 2017    | 2018 | 2019 | 2020 | 2021    | Total          |
|--------------|---------|------|------|------|---------|----------------|
| <b>Gross</b> | \$4,500 | \$0  | \$0  | \$0  | \$5,200 | <b>\$9,700</b> |
| <b>Net</b>   | \$4,500 | \$0  | \$0  | \$0  | \$5,200 | <b>\$9,700</b> |

**7. Consequences/Implications of Not Undertaking Project (including alternatives):**

New windows will help to save on energy costs and help reduce heat loss. The scheduled replacement of the repair shop heaters during the summer months will prevent downtime caused by the heater failures in the winter. New heaters should increase fuel efficiency and reduce heating costs. Paving of the yard will improve drainage and reduce maintenance costs in the future. The sand dome roof and shingles need to be kept in good repair to avoid increased expense caused by the roof leaking. It is important to keep the winter material dry. The salt shed roofing needs to be kept in good repair to avoid increased expense caused by the roof leaking. It is important to keep the winter material dry. Cost effective and water saving plumbing fixtures will reduce overall maintenance costs. The replacement of the

planter will be reviewed at the time of paving the yard. No consequences or financial implications if the planter is not replaced.

**8. Identify Sources and Amounts of Funding**

|              | <b>Taxation</b> | <b>Partners -<br/>Town of the<br/>Blue Mountains</b> | <b>From Reserve -<br/>Dome/Depot<br/>Reserves</b> |
|--------------|-----------------|------------------------------------------------------|---------------------------------------------------|
| 2018         | \$14,000        | \$0                                                  | \$0                                               |
| 2019         | \$15,000        | \$0                                                  | \$0                                               |
| 2020         | \$37,500        | \$32,500                                             | \$100,000                                         |
| 2021         | \$5,200         | \$0                                                  | \$0                                               |
| 2022         | \$6,200         | \$0                                                  | \$0                                               |
| <b>Total</b> | <b>\$77,900</b> | <b>\$32,500</b>                                      | <b>\$100,000</b>                                  |

**9. Compliance with Council objective/strategic plan (if applicable):**

Action Item 1.6 of the County Corporate Strategic Plan indicates that the County should “accelerate the commitment to lifecycle planning for long-term investment in county-owned capital assets.” Replacing building components at the end of their useful life is consistent with this objective.

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

**1. Department / Function: Housing**

**Details of Project/Study: Capital Purchases - Ayton**

**2. Total Gross Cost of Proposed Capital Project/Study: \$79,900**

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              | \$79,900              |           |                 |

2018 - flag pole \$2,500 2020 - hot water tank \$1,200 2022 - sand dome shingles and repairs \$75,000 2022 - water softener \$1,200

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018    | 2019 | 2020    | 2021 | 2022     | Total           |
|--------------|---------|------|---------|------|----------|-----------------|
| <b>Gross</b> | \$2,500 | \$0  | \$1,200 | \$0  | \$76,200 | <b>\$79,900</b> |
| <b>Net</b>   | \$2,500 | \$0  | \$1,200 | \$0  | \$76,200 | <b>\$79,900</b> |

**3. Estimated Useful Life: various**

**4. Location of Project/Study (if applicable):**

| Facility Name / Address | Municipality              |
|-------------------------|---------------------------|
| Ayton Maintenance Depot | Municipality of West Grey |

**5. Need or Benefit(s) of Project (including safety issues):**

Currently have one flag pole with Canadian flag. Additional pole to fly the Grey County Flag for recognition and promotion. The Hot Water Tank and Water Treatment systems should be reviewed for possible replacement at the end of their expected lifecycle. Sand dome shingles are nearing the end of their lifecycle. Additionally there are some panels showing water damage and some minor structural repairs should be completed at the same time.

**6. Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:**

|              | 2017 | 2018 | 2019 | 2020 | 2021 | Total      |
|--------------|------|------|------|------|------|------------|
| <b>Gross</b> | \$0  | \$0  | \$0  | \$0  | \$0  | <b>\$0</b> |
| <b>Net</b>   | \$0  | \$0  | \$0  | \$0  | \$0  | <b>\$0</b> |

**7. Consequences/Implications of Not Undertaking Project (including alternatives):**

The Hot Water Tank should be replaced near the end of its expected manufacturers lifecycle to before the unit starts leaking due to the deterioration of internal components. The sand dome roof and shingles need to be kept in good repair to avoid increased expense caused by the roof leaking. It is important to keep the winter material dry. The Water Treatment System should be assessed to ensure it is functioning properly. This system ensures that there is no damage caused to plumbing and faucets due to the hard water at the Depot.

**8. Identify Sources and Amounts of Funding**

|              | Taxation        |
|--------------|-----------------|
| 2018         | \$2,500         |
| 2019         | \$0             |
| 2020         | \$1,200         |
| 2021         | \$0             |
| 2022         | \$76,200        |
| <b>Total</b> | <b>\$79,900</b> |

**9. Compliance with Council objective/strategic plan (if applicable):**

Action Item 1.6 of the County Corporate Strategic Plan indicates that the County should “accelerate the commitment to lifecycle planning for long-term investment in county-owned capital assets.” Replacing building components at the end of their useful life is consistent with this objective.

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

**1. Department / Function: Housing**

**Details of Project/Study: Capital Purchases - Egremont**

**2. Total Gross Cost of Proposed Capital Project/Study: \$3,500**

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              | \$3,500               |           |                 |

2018 - replace overhead door and tracks

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018    | 2019 | 2020 | 2021 | 2022 | Total          |
|--------------|---------|------|------|------|------|----------------|
| <b>Gross</b> | \$3,500 | \$0  | \$0  | \$0  | \$0  | <b>\$3,500</b> |
| <b>Net</b>   | \$3,500 | \$0  | \$0  | \$0  | \$0  | <b>\$3,500</b> |

**3. Estimated Useful Life: 10 - 15 years**

**4. Location of Project/Study (if applicable):**

| Facility Name / Address | Municipality          |
|-------------------------|-----------------------|
| Egremont Shed           | Township of Southgate |

**5. Need or Benefit(s) of Project (including safety issues):**

The overhead door is nearing the end of its lifecycle.

**6. Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:**

|              | 2017 | 2018 | 2019 | 2020 | 2021 | Total      |
|--------------|------|------|------|------|------|------------|
| <b>Gross</b> | \$0  | \$0  | \$0  | \$0  | \$0  | <b>\$0</b> |
| <b>Net</b>   | \$0  | \$0  | \$0  | \$0  | \$0  | <b>\$0</b> |

**7. Consequences/Implications of Not Undertaking Project (including alternatives):**

This door may become inoperable and prevent access to the winter maintenance material stored in the building

**8. Identify Sources and Amounts of Funding**

|              | Taxation       |
|--------------|----------------|
| 2018         | \$3,500        |
| 2019         | \$0            |
| 2020         | \$0            |
| 2021         | \$0            |
| 2022         | \$0            |
| <b>Total</b> | <b>\$3,500</b> |

**9. Compliance with Council objective/strategic plan (if applicable):**

This is consistent with Goal 3 of the Corporate Strategic Plan, enhancing asset management and long term financial planning.

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**



**7. Consequences/Implications of Not Undertaking Project (including alternatives):**

.

**8. Identify Sources and Amounts of Funding**

|              | <b>From Reserve -<br/>Patrol D Depot<br/>Reserve</b> | <b>Taxation</b>  |
|--------------|------------------------------------------------------|------------------|
| 2018         | \$0                                                  | \$60,000         |
| 2019         | \$0                                                  | \$60,000         |
| 2020         | \$0                                                  | \$60,000         |
| 2021         | \$0                                                  | \$60,000         |
| 2022         | \$0                                                  | \$60,000         |
| <b>Total</b> | <b>\$0</b>                                           | <b>\$300,000</b> |

**9. Compliance with Council objective/strategic plan (if applicable):**

Action Item 1.6 of the County Corporate Strategic Plan indicates that the County should “accelerate the commitment to lifecycle planning for long-term investment in county-owned capital assets.” Replacing building components at the end of their useful life is consistent with this objective.

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

**1. Department / Function: Housing**

**Details of Project/Study: Capital Purchases - Dundalk**

**2. Total Gross Cost of Proposed Capital Project/Study: \$66,300**

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              | \$66,300              |           |                 |

2018 - replace fencing and metal gates \$8,300 2018 - shingle repair for sand dome \$30,000  
2018 - windows and doors in lunch room, office, bathroom \$8,000 2019 - remove fuel tank \$20,000

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018     | 2019     | 2020 | 2021 | 2022 | Total           |
|--------------|----------|----------|------|------|------|-----------------|
| <b>Gross</b> | \$46,300 | \$20,000 | \$0  | \$0  | \$0  | <b>\$66,300</b> |
| <b>Net</b>   | \$46,300 | \$20,000 | \$0  | \$0  | \$0  | <b>\$66,300</b> |

**3. Estimated Useful Life: various**

**4. Location of Project/Study (if applicable):**

| Facility Name / Address   | Municipality          |
|---------------------------|-----------------------|
| Dundalk Maintenance Depot | Township of Southgate |

**5. Need or Benefit(s) of Project (including safety issues):**

The fencing and gates are deteriorated and this site is no longer secure. Due to the age and overall condition of the dome, missing shingles should be replaced as needed. Not recommending a complete replacement but more of a holding strategy. Windows and doors are nearing the end of their lifecycle. Replacement will improve energy efficiency. In ground fuel tank(s) removal because of cost to replace pumps. Above ground tanks were recently installed at this location because the future of the depot is uncertain. MOE and TSSA require in ground tanks be decommissioned two years following the last use.

**6. Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:**

|              | 2017     | 2018 | 2019 | 2020 | 2021 | Total           |
|--------------|----------|------|------|------|------|-----------------|
| <b>Gross</b> | \$30,000 | \$0  | \$0  | \$0  | \$0  | <b>\$30,000</b> |
| <b>Net</b>   | \$30,000 | \$0  | \$0  | \$0  | \$0  | <b>\$30,000</b> |

**7. Consequences/Implications of Not Undertaking Project (including alternatives):**

The fence and gates should be replaced. This site should be secured from trespassers and the possibility of vandalism. The future of this depot is uncertain, however we need to maintain the structure while the discussion continues. If the windows and doors are not replaced this could have negative impact on other heating cost and / or contribute to water leaks. The in ground fuel tanks will need to be removed as per provincial regulations.

**8. Identify Sources and Amounts of Funding**

|      | Taxation |
|------|----------|
| 2018 | \$46,300 |
| 2019 | \$20,000 |
| 2020 | \$0      |
| 2021 | \$0      |
| 2022 | \$0      |

|              |                 |
|--------------|-----------------|
| <b>Total</b> | <b>\$66,300</b> |
|--------------|-----------------|

**9. Compliance with Council objective/strategic plan (if applicable):**

Action Item 1.6 of the County Corporate Strategic Plan indicates that the County should “accelerate the commitment to lifecycle planning for long-term investment in county-owned capital assets.” Replacing building components at the end of their useful life is consistent with this objective.

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

**1. Department / Function: Housing**

**Details of Project/Study: Capital Depot Repairs - Miscellaneous**

**2. Total Gross Cost of Proposed Capital Project/Study: \$105,000**

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              | \$105,000             |           |                 |

This is for miscellaneous repairs such as building exterior & interior, site work, electrical, mechanical. The Transportation Department owns 24 buildings, whose historical cost is greater than \$4,000,000. An annual miscellaneous repair budget of \$21,000 is approximately 0.5% of the historical cost of the buildings.

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018     | 2019     | 2020     | 2021     | 2022     | Total            |
|--------------|----------|----------|----------|----------|----------|------------------|
| <b>Gross</b> | \$21,000 | \$21,000 | \$21,000 | \$21,000 | \$21,000 | <b>\$105,000</b> |
| <b>Net</b>   | \$21,000 | \$21,000 | \$21,000 | \$21,000 | \$21,000 | <b>\$105,000</b> |

**3. Estimated Useful Life: various**

**4. Location of Project/Study (if applicable):**

| Facility Name / Address | Municipality |
|-------------------------|--------------|
|-------------------------|--------------|

**5. Need or Benefit(s) of Project (including safety issues):**

To complete timely capital repairs on the Depots.

**6. Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:**

|              | 2017     | 2018     | 2019     | 2020     | 2021     | Total            |
|--------------|----------|----------|----------|----------|----------|------------------|
| <b>Gross</b> | \$21,000 | \$21,000 | \$21,000 | \$21,000 | \$21,000 | <b>\$105,000</b> |
| <b>Net</b>   | \$21,000 | \$21,000 | \$21,000 | \$21,000 | \$21,000 | <b>\$105,000</b> |

**7. Consequences/Implications of Not Undertaking Project (including alternatives):**

Failure to complete these repairs will result in more costly repairs.

**8. Identify Sources and Amounts of Funding**

|              | Taxation         |
|--------------|------------------|
| 2018         | \$21,000         |
| 2019         | \$21,000         |
| 2020         | \$21,000         |
| 2021         | \$21,000         |
| 2022         | \$21,000         |
| <b>Total</b> | <b>\$105,000</b> |

**9. Compliance with Council objective/strategic plan (if applicable):**

Action Item 1.6 of the County Corporate Strategic Plan indicates that the County should "accelerate the commitment to lifecycle planning for long-term investment in county-owned capital assets." Replacing building components at the end of their useful life is consistent with this objective.

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

**1. Department / Function: Housing**

**Details of Project/Study: Dome/Depot Repairs and Replacement Reserves**

**2. Total Gross Cost of Proposed Capital Project/Study: \$356,500**

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              |                       |           | \$356,500       |

Funds are transferred into a Dome/Depot Repair and Replacement Reserve in order to have sufficient funding for future expenses.

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018      | 2019      | 2020     | 2021    | 2022     | Total            |
|--------------|-----------|-----------|----------|---------|----------|------------------|
| <b>Gross</b> | \$120,200 | \$164,000 | \$70,300 | \$5,400 | \$96,600 | <b>\$456,500</b> |
| <b>Net</b>   | \$120,200 | \$164,000 | \$70,300 | \$5,400 | \$96,600 | <b>\$456,500</b> |

**3. Estimated Useful Life: NA**

**4. Location of Project/Study (if applicable):**

| Facility Name / Address             | Municipality |
|-------------------------------------|--------------|
| Various locations throughout County |              |

**5. Need or Benefit(s) of Project (including safety issues):**

There are 15 sand/salt storage structures within the County system. The life of the dome structure is estimated at 50 – 60 years. As these structures deteriorate they will have to be repaired and/or replaced. The condition of each structure is being monitored annually to see if replacement of a particular structure can be extended to a future year.

**6. Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:**

|              | 2017      | 2018      | 2019      | 2020      | 2021     | Total            |
|--------------|-----------|-----------|-----------|-----------|----------|------------------|
| <b>Gross</b> | \$182,200 | \$179,600 | \$217,000 | \$219,000 | \$31,000 | <b>\$828,800</b> |
| <b>Net</b>   | \$182,200 | \$179,600 | \$217,000 | \$219,000 | \$31,000 | <b>\$828,800</b> |

**7. Consequences/Implications of Not Undertaking Project (including alternatives):**

Inconsistencies with annual funding could result from one or more domes needing replacement in future years.

**8. Identify Sources and Amounts of Funding**

|      | To Reserve -<br>Transportation<br>Services Dome<br>Depot<br>Replacement |
|------|-------------------------------------------------------------------------|
| 2018 | \$120,200                                                               |
| 2019 | \$164,000                                                               |
| 2020 | \$70,300                                                                |
| 2021 | \$5,400                                                                 |
| 2022 | \$96,600                                                                |

|              |                  |
|--------------|------------------|
| <b>Total</b> | <b>\$456,500</b> |
|--------------|------------------|

**9. Compliance with Council objective/strategic plan (if applicable):**

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

Action Item 1.6 of the County Corporate Strategic Plan indicates that the County should “accelerate the commitment to lifecycle planning for long-term investment in county-owned capital assets.” Replacing building components at the end of their useful life is consistent with this objective.

# Material Storage Facilities in Grey County, as of May 2017

| Location          | Type      | Ownership<br>by Grey County | Ownership<br>by Township | Ownership<br>by MTO | Property<br>Ownership |
|-------------------|-----------|-----------------------------|--------------------------|---------------------|-----------------------|
| <b>Patrol "A"</b> |           |                             |                          |                     |                       |
| Chatsworth        | Dome      | 100%                        | 0%                       | 0%                  | County                |
| Chatsworth        | Salt Shed | 100%                        | 0%                       | 0%                  | County                |
| Keppel Twp        | Shed      | 60%                         | 40%                      | 0%                  | Township              |
| Sarawak Twp       | Shed      | 60%                         | 40%                      | 0%                  | Township              |
| <b>Patrol "B"</b> |           |                             |                          |                     |                       |
| Clarksburg        | Dome      | 57%                         | 43%                      | 0%                  | County                |
| Clarksburg        | Salt Shed | 100%                        | 0%                       | 0%                  | County                |
| Kimberley         | Dome      | 100%                        | 0%                       | 0%                  | County                |
| Pendelton         | Dome      | 100%                        | 0%                       | 0%                  | County                |
| <b>Patrol "C"</b> |           |                             |                          |                     |                       |
| Ayton             | Dome      | 100%                        | 0%                       | 0%                  | County                |
| Ayton             | Salt Shed | 100%                        | 0%                       | 0%                  | County                |
| Egremont          | Shed      | 100%                        | 0%                       | 0%                  | County                |
| <b>Patrol "D"</b> |           |                             |                          |                     |                       |
| Flesherton        | Dome      | 0%                          | 0%                       | 100%                | MTO                   |
| Flesherton        | Salt Shed | 0%                          | 0%                       | 100%                | MTO                   |
| Feversham         | Dome      | 55%                         | 45%                      | 0%                  | County                |
| Dundalk           | Dome      | 100%                        | 0%                       | 0%                  | County                |

**SUMMARY OF FIVE YEAR CAPITAL &  
EXTRA-ORDINARY EXPENDITURES  
Paramedic Services**

| PROJECT                                                           | 2017<br>Approved<br>Budget | 2018-2022 Five Year Capital & Extra-Ordinary Expenditures |                |                |                |                |                  |
|-------------------------------------------------------------------|----------------------------|-----------------------------------------------------------|----------------|----------------|----------------|----------------|------------------|
|                                                                   |                            | 2018                                                      | 2019           | 2020           | 2021           | 2022           | TOTAL            |
| <b>Transfer to Reserves (Vehicle and Equipment Replacement)</b>   |                            |                                                           |                |                |                |                |                  |
| To Reserve - Paramedic Services Reserve                           | 534,210                    | 547,565                                                   | 561,254        | 575,286        | 589,668        | 604,410        | 2,878,183        |
| <b>Ambulance Replacement</b>                                      | 522,567                    | 345,006                                                   | 351,906        | 358,944        | 549,185        | 560,168        | 2,165,209        |
| From Reserve - From EMS Reserve                                   | (507,567)                  | (325,006)                                                 | (331,906)      | (338,944)      | (519,185)      | (530,168)      | (2,045,209)      |
| Other (Specify) - Proceeds from Disposal                          | (15,000)                   | (20,000)                                                  | (20,000)       | (20,000)       | (30,000)       | (30,000)       | (120,000)        |
| <b>Stretchers</b>                                                 | 65,676                     | 43,784                                                    | 24,330         | 49,552         | 75,696         | 77,091         | 270,453          |
| From Reserve - From EMS Reserve                                   | (64,176)                   | (43,784)                                                  | (22,330)       | (45,552)       | (69,696)       | (71,091)       | (252,453)        |
| Other (Specify) - Proceeds from Disposal                          | (1,500)                    |                                                           | (2,000)        | (4,000)        | (6,000)        | (6,000)        | (18,000)         |
| <b>Transfer to/from Reserve (BCA) EMS Station Capital Repairs</b> | 18,331                     | 20,331                                                    | 22,331         | 24,331         | 26,331         | 28,331         | 121,655          |
| <b>Debenture Payment Paramedic Service Base - Chatsworth</b>      | 517,000                    | 684,673                                                   |                |                |                |                | 684,673          |
| Debenture                                                         | (517,000)                  | (684,673)                                                 |                |                |                |                | (684,673)        |
| Debenture Payment                                                 | 47,411                     | 56,093                                                    | 56,093         | 56,093         | 56,093         | 56,093         | 280,465          |
| <b>Tablet Computers</b>                                           | 139,125                    |                                                           |                |                |                | 125,900        | 125,900          |
| From Reserve - From EMS Reserve                                   | (139,125)                  |                                                           |                |                |                | (125,900)      | (125,900)        |
| <b>Vehicle AVL and Mobile WiFi</b>                                |                            | 92,700                                                    |                |                |                |                | 92,700           |
| From Reserve - From EMS Reserve                                   |                            | (92,700)                                                  |                |                |                |                | (92,700)         |
| <b>Emergency Response Unit Replacement</b>                        |                            | 73,332                                                    | 74,799         |                |                |                | 148,131          |
| From Reserve - From EMS Reserve                                   |                            | (72,832)                                                  | (74,299)       |                |                |                | (147,131)        |
| Other (Specify) - Proceeds from Disposal                          |                            | (500)                                                     | (500)          |                |                |                | (1,000)          |
| <b>NET LEVY REQUIREMENTS</b>                                      | <b>599,952</b>             | <b>623,989</b>                                            | <b>639,678</b> | <b>655,710</b> | <b>672,092</b> | <b>688,834</b> | <b>3,280,303</b> |

**1. Department / Function: Paramedic Services**

**Details of Project/Study: Transfer to Reserves (Vehicle and Equipment Replacement)**

**2. Total Gross Cost of Proposed Capital Project/Study: \$2,878,183**

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              |                       |           | \$2,878,183     |

Annual transfer to reserve of \$534,210 with annual 2.50% increase thereafter to provide a stable source of funding for vehicle and equipment replacement.

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018      | 2019      | 2020      | 2021      | 2022      | Total              |
|--------------|-----------|-----------|-----------|-----------|-----------|--------------------|
| <b>Gross</b> | \$547,565 | \$561,254 | \$575,286 | \$589,668 | \$604,410 | <b>\$2,878,183</b> |
| <b>Net</b>   | \$547,565 | \$561,254 | \$575,286 | \$589,668 | \$604,410 | <b>\$2,878,183</b> |

**3. Estimated Useful Life:** equipment life varies from 5 to 15 years.

**4. Location of Project/Study (if applicable):**

| Facility Name / Address | Municipality |
|-------------------------|--------------|
| various                 |              |

**5. Need or Benefit(s) of Project (including safety issues):**

Annual contributions to the capital reserve fund stabilizes long term funding of equipment utilized in the operation of the ambulance service. Funding contributions are earmarked for ambulances, emergency response units, incident response unit, cardiac monitor defibrillators, tablet computers, stretchers, stair chairs and automatic vehicle locating and mobile wifi.

**6. Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:**

|              | 2017      | 2018      | 2019      | 2020      | 2021      | Total              |
|--------------|-----------|-----------|-----------|-----------|-----------|--------------------|
| <b>Gross</b> | \$534,210 | \$550,236 | \$566,743 | \$583,745 | \$601,257 | <b>\$2,836,191</b> |
| <b>Net</b>   | \$534,210 | \$550,236 | \$566,743 | \$583,745 | \$601,257 | <b>\$2,836,191</b> |

**7. Consequences/Implications of Not Undertaking Project (including alternatives):**

Inadequate contributions to the equipment reserve will cause spikes in different budget years placing a heavy burden on the tax levy. Equipment utilized in the ambulance service is replaced on different life cycles ranging from five to fifteen years.

**8. Identify Sources and Amounts of Funding**

|      | To Reserve - Paramedic Services Reserve |
|------|-----------------------------------------|
| 2018 | \$547,565                               |
| 2019 | \$561,254                               |
| 2020 | \$575,286                               |
| 2021 | \$589,668                               |
| 2022 | \$604,410                               |

|              |                    |
|--------------|--------------------|
| <b>Total</b> | <b>\$2,878,183</b> |
|--------------|--------------------|

9. **Compliance with Council objective/strategic plan (if applicable):**

10. **Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

Fund replacement of 14 ambulances over 6 year life

|      |   |        |       |        |   |
|------|---|--------|-------|--------|---|
| 2018 | 2 | 21,892 | 0     | 43,784 | 8 |
| 2019 | 1 | 22,330 | 2,000 | 20,330 | 8 |
| 2020 | 2 | 22,776 | 2,000 | 41,553 | 8 |
| 2021 | 3 | 23,232 | 2,000 | 63,696 | 8 |
| 2022 | 3 | 23,697 | 2,000 | 65,090 | 8 |
|      |   |        |       |        |   |
| 2023 | 2 | 24,171 | 2,000 | 44,341 | 8 |
| 2024 | 2 | 24,654 | 2,000 | 45,308 | 8 |
| 2025 | 3 | 25,147 | 2,000 | 69,441 | 8 |
| 2026 | 2 | 25,650 | 2,000 | 47,300 | 8 |
| 2027 | 1 | 26,163 | 2,000 | 24,163 | 8 |

|         |         |         |         |         |         | next life cycle replacement |         |         |         |
|---------|---------|---------|---------|---------|---------|-----------------------------|---------|---------|---------|
| 2018    | 2019    | 2020    | 2021    | 2022    | 2023    | 2024                        | 2025    | 2026    | 2027    |
| 325,006 | 331,906 | 338,944 | 519,185 | 530,168 | 360,915 | 368,533                     | 376,303 | 384,230 | 588,471 |
| 72,832  | 74,299  |         |         |         | 78,300  | 79,876                      | 67,315  |         |         |
|         |         |         |         |         | 583,614 |                             |         | 50,524  |         |
| 43,784  | 20,330  | 41,553  | 63,696  | 65,090  | 44,341  | 45,308                      | 69,441  | 47,300  | 24,163  |

|                                                         | number | unit  | less | Funds   | life | 2018    | 2019    | 2020    | 2021    | 2022    | 2023      | 2024    | 2025    | 2026    | 2027    |
|---------------------------------------------------------|--------|-------|------|---------|------|---------|---------|---------|---------|---------|-----------|---------|---------|---------|---------|
| <b>Tablet PC</b>                                        |        |       |      |         |      |         |         |         |         |         |           |         |         |         |         |
| 2018                                                    | 0      | 0     | 0    | 0       | 5    | 0       |         |         |         |         |           |         |         |         |         |
| 2019                                                    | 0      | 0     | 0    | 0       | 5    |         |         |         |         |         |           |         |         |         |         |
| 2020                                                    | 0      | 0     | 0    | 0       | 5    |         |         |         |         |         |           |         |         |         |         |
| 2021                                                    | 0      | 0     | 0    | 0       | 5    |         |         |         |         |         |           |         |         |         |         |
| 2022                                                    | 21     | 6,625 | 0    | 139,125 | 5    |         |         |         |         | 125,900 |           |         |         |         |         |
| 2023                                                    | 0      | 0     | 0    | 0       | 5    |         |         |         |         |         |           |         |         |         |         |
| 2024                                                    | 0      | 0     | 0    | 0       | 5    |         |         |         |         |         |           |         |         |         |         |
| 2025                                                    | 0      | 0     | 0    | 0       | 5    |         |         |         |         |         |           |         |         |         |         |
| 2026                                                    | 0      | 0     | 0    | 0       | 5    |         |         |         |         |         |           |         |         |         |         |
| 2027                                                    | 21     | 7,315 | 0    | 153,615 | 5    |         |         |         |         |         |           |         |         |         | 153,615 |
| <b>Automatic Vehicle Locating (AVL) and Mobile WIFI</b> |        |       |      |         |      |         |         |         |         |         |           |         |         |         |         |
| 2018                                                    | 18     | 5,150 | 0    | 92,700  | 6    | 92,700  |         |         |         |         |           |         |         |         |         |
| 2019                                                    | 0      | 0     | 0    | 0       | 6    |         |         |         |         |         |           |         |         |         |         |
| 2020                                                    | 0      | 0     | 0    | 0       | 6    |         |         |         |         |         |           |         |         |         |         |
| 2021                                                    | 0      | 0     | 0    | 0       | 6    |         |         |         |         |         |           |         |         |         |         |
| 2022                                                    | 0      | 0     | 0    | 0       | 6    |         |         |         |         |         |           |         |         |         |         |
| 2023                                                    | 0      | 0     | 0    | 0       | 6    |         |         |         |         |         |           |         |         |         |         |
| 2024                                                    | 19     | 5,500 | 0    | 104,500 | 6    |         |         |         |         |         |           | 104,500 |         |         |         |
| <b>Funds required to pay for vehicles and equipment</b> |        |       |      |         |      | 534,322 | 426,535 | 380,497 | 582,881 | 721,158 | 1,067,170 | 598,217 | 513,060 | 482,053 | 766,249 |

Assuming there is no interest earned on Reserve funds then we would need to set aside each year this amount to adequately fund the replacement of the 15 ambulances and equipment, assuming inflationary increases of 2% per annum for vehicles.

The replacement cost of defibrillators assumes that a trade-in value of \$4,000 per unit will be received. This figure is based upon amount received in 2016. We will have to continue to validate this assumption yearly to ensure that we are adequately funding the next scheduled defibrillator purchase in 2023.

#### SUMMARY OF FUNDING TAKEN FROM PAGE 3 WHICH USES THE ABOVE COST AND LIFE CYCLE

|                                                             |                |                |                |                |                                             |
|-------------------------------------------------------------|----------------|----------------|----------------|----------------|---------------------------------------------|
| <b>Annual Funding needed to replace Ambulances</b>          |                |                |                |                |                                             |
| 401,021                                                     | 408,275        | 415,675        | 423,222        | 434,770        | incomplete funding scenario for these years |
| <b>Annual Funding needed to replace ERU and Trailer</b>     |                |                |                |                |                                             |
| 33,914                                                      | 35,007         | 36,123         | 36,123         | 36,123         | incomplete funding scenario for these years |
| <b>Annual Funding needed to replace Defibrillators</b>      |                |                |                |                |                                             |
| 83,373                                                      | 83,373         | 83,373         | 83,373         | 83,373         | incomplete funding scenario for these years |
| <b>Annual Funding needed to replace Stair Chairs</b>        |                |                |                |                |                                             |
| 5,052                                                       | 5,052          | 5,052          | 5,052          | 5,052          | incomplete funding scenario for these years |
| <b>Annual Funding needed to replace Stretchers</b>          |                |                |                |                |                                             |
| 49,193                                                      | 49,632         | 50,111         | 44,917         | 36,955         | incomplete funding scenario for these years |
| <b>Annual Funding needed to replace Tablet PCs</b>          |                |                |                |                |                                             |
| 27,825                                                      | 27,825         | 27,825         | 27,825         | 27,825         | incomplete funding scenario for these years |
| <b>Annual Funding needed to replace AVL and Mobile WIFI</b> |                |                |                |                |                                             |
| 15,450                                                      | 17,417         | 17,417         | 17,417         | 17,417         |                                             |
| <b>615,828</b>                                              | <b>626,582</b> | <b>635,576</b> | <b>637,930</b> | <b>641,516</b> |                                             |

Total Annual County Funding Required to budget for replacements

For the above replacement plan to be funded adequately there must be an existing Replacement Reserve Fund Balance as at Dec 31, 2017 of \$1,375,473

| Ambulances             |                    |             |              | Res Bal  |         |         |         |         |         |                               |        |        |        |        |
|------------------------|--------------------|-------------|--------------|----------|---------|---------|---------|---------|---------|-------------------------------|--------|--------|--------|--------|
| Year                   | Cost per unit @ 2% | x num units | County needs | 2017 s/b | 2018    | 2019    | 2020    | 2021    | 2022    | 2023                          | 2024   | 2025   | 2026   | 2027   |
| 2018                   | 162,503            | 2           | 325,006      | 270,838  | 54,168  |         |         |         |         |                               |        |        |        |        |
| 2019                   | 165,953            | 2           | 331,906      | 221,271  | 55,318  | 55,318  |         |         |         |                               |        |        |        |        |
| 2020                   | 169,472            | 2           | 338,944      | 169,472  | 56,491  | 56,491  | 56,491  |         |         |                               |        |        |        |        |
| 2021                   | 173,062            | 3           | 519,185      | 173,062  | 86,531  | 86,531  | 86,531  | 86,531  |         |                               |        |        |        |        |
| 2022                   | 176,723            | 3           | 530,168      | 88,361   | 88,361  | 88,361  | 88,361  | 88,361  | 88,361  |                               |        |        |        |        |
| 2023                   | 180,457            | 2           | 360,915      | 0        | 60,152  | 60,152  | 60,152  | 60,152  | 60,152  | 60,152                        |        |        |        |        |
| 2024                   | 184,266            | 2           | 368,533      | 0        |         | 61,422  | 61,422  | 61,422  | 61,422  | 61,422                        | 61,422 |        |        |        |
| 2025                   | 188,152            | 2           | 376,303      | 0        |         |         | 62,717  | 62,717  | 62,717  | 62,717                        | 62,717 | 62,717 |        |        |
| 2026                   | 192,115            | 2           | 384,230      | 0        |         |         |         | 64,038  | 64,038  | 64,038                        | 64,038 | 64,038 | 64,038 |        |
| 2027                   | 196,157            | 3           | 588,471      | 0        |         |         |         |         | 98,079  | 98,079                        | 98,079 | 98,079 | 98,079 | 98,079 |
| Ambulance Replacements |                    |             |              | 923,004  | 401,021 | 408,275 | 415,675 | 423,222 | 434,770 | incomplete from this point on |        |        |        |        |

[illegible]

|      |        |    |         |        |        |        |        |        |        |        |        |        |        |              |
|------|--------|----|---------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------------|
| 2023 | 32,423 | 18 | 583,614 | 83,373 | 83,373 | 83,373 | 83,373 | 83,373 | 83,373 | 83,373 | 88,439 | 88,439 | 88,439 | 5 more years |
|------|--------|----|---------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------------|

[illegible][illegible]

**Ambulances**

| Year                                           | Cost per unit @ 2% | x num units | County needs | Res Bal 2017 s/b | 2018           | 2019           | 2020           | 2021           | 2022           | 2023                          | 2024   | 2025   | 2026   | 2027   |
|------------------------------------------------|--------------------|-------------|--------------|------------------|----------------|----------------|----------------|----------------|----------------|-------------------------------|--------|--------|--------|--------|
| <b>Tablet PC</b>                               |                    |             |              |                  |                |                |                |                |                |                               |        |        |        |        |
| 2018                                           | 0                  | 0           | 0            |                  |                |                |                |                |                |                               |        |        |        |        |
| 2019                                           | 0                  | 0           | 0            |                  |                |                |                |                |                |                               |        |        |        |        |
| 2020                                           | 0                  | 0           | 0            |                  |                |                |                |                |                |                               |        |        |        |        |
| 2021                                           | 0                  | 0           | 0            |                  |                |                |                |                |                |                               |        |        |        |        |
| 2022                                           | 6,625              | 21          | 139,125      | 0                | 27,825         | 27,825         | 27,825         | 27,825         | 27,825         |                               |        |        |        |        |
| 2023                                           | 0                  | 0           | 0            |                  |                |                |                |                |                |                               |        |        |        |        |
| 2024                                           | 0                  | 0           | 0            |                  |                |                |                |                |                |                               |        |        |        |        |
| 2025                                           | 0                  | 0           | 0            |                  |                |                |                |                |                |                               |        |        |        |        |
| 2026                                           | 0                  | 0           | 0            |                  |                |                |                |                |                |                               |        |        |        |        |
| 2027                                           | 7,315              | 21          | 153,615      | 0                |                |                |                |                |                | 30,723                        | 30,723 | 30,723 | 30,723 | 30,723 |
| <b>Tablet PC Replacements</b>                  |                    |             |              | 0                | 27,825         | 27,825         | 27,825         | 27,825         | 27,825         | 30,723                        | 30,723 | 30,723 | 30,723 | 30,723 |
| <b>Automatic Vehicle Locating/Mobile WIFI</b>  |                    |             |              |                  |                |                |                |                |                |                               |        |        |        |        |
| 2018                                           | 5,150              | 18          | 92,700       | 77,250           | 15,450         |                |                |                |                |                               |        |        |        |        |
| 2019                                           | 0                  | 0           | 0            |                  |                |                |                |                |                |                               |        |        |        |        |
| 2020                                           | 0                  | 0           | 0            |                  |                |                |                |                |                |                               |        |        |        |        |
| 2021                                           | 0                  | 0           | 0            |                  |                |                |                |                |                |                               |        |        |        |        |
| 2022                                           | 0                  | 0           | 0            |                  |                |                |                |                |                |                               |        |        |        |        |
| 2023                                           | 0                  | 0           | 0            |                  |                |                |                |                |                |                               |        |        |        |        |
| 2024                                           | 5,500              | 19          | 104,500      | 0                |                | 17,417         | 17,417         | 17,417         | 17,417         | 17,417                        | 17,417 |        |        |        |
| <b>AVL/Mobile WIFI</b>                         |                    |             |              | 77,250           | 15,450         | 17,417         | 17,417         | 17,417         | 17,417         | 17,417                        | 17,417 |        |        |        |
| <b>Reserve Balance as at December 2017 s/b</b> |                    |             |              | <b>1,375,473</b> |                |                |                |                |                |                               |        |        |        |        |
| <b>Combined Annual Funding to Reserve:</b>     |                    |             |              |                  | <b>615,828</b> | <b>626,582</b> | <b>635,576</b> | <b>637,930</b> | <b>641,516</b> | incomplete from this point on |        |        |        |        |

Is the Balance in Reserve at any one time adequate?

|                                                                                                                                 |           |
|---------------------------------------------------------------------------------------------------------------------------------|-----------|
| Balance in Reserve as at January 1, 2017<br>(excludes reserve balances set aside for general operating and uniform replacement) | 1,741,462 |
| Add: Budgeted transfer of funds to reserve on behalf of 2016 budget                                                             | 534,210   |
| Less: Cost of operating budget items to be funded from reserves during 2016                                                     | (40,000)  |
| Less: Cost of capital to be funded from reserves during 2017                                                                    | (710,868) |

|                                                             |                         |
|-------------------------------------------------------------|-------------------------|
| <b>Projected Balance in Reserve as at December 31, 2017</b> | <b><u>1,524,804</u></b> |
|-------------------------------------------------------------|-------------------------|

Is this adequate?

|                                                                   |                  |
|-------------------------------------------------------------------|------------------|
| Estimated funds needed on Dec 31, 2017 to fund equip replacements | <b>1,375,473</b> |
|-------------------------------------------------------------------|------------------|

|                                                                  |                       |
|------------------------------------------------------------------|-----------------------|
| <b>Projected Remaining Balance in Reserve as at Dec 31, 2017</b> | <b><u>149,332</u></b> |
|------------------------------------------------------------------|-----------------------|

Our funding model suggests that we should transfer to reserve a total of \$615,828 in 2017 with slight increases each year.  
Overall we appear to be in good shape **AT THIS TIME**

# **Examination of Reserve Fund Balance to double check if future is adequate with assumptions made**

|            |                                         |                                                                                                                                                                                                                   |
|------------|-----------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|            | Transfer<br>to Reserve                  | 534,210 plus annual increase of 2.5%                                                                                                                                                                              |
| 12/31/2016 |                                         | 1,741,462 Reserve Balance end of 2016                                                                                                                                                                             |
| 2017       | 534,210<br>(40,000)<br><u>(710,868)</u> | Add: budgeted transfer to reserve (excluding amount set aside for jacket replacement)<br>Less: allocation of portion of reserve to fund unbudgeted operating expenditures<br>Less: budgeted transfer from reserve |
|            |                                         | 1,524,804 Projected Reserve Balance end of 2017                                                                                                                                                                   |
| 2018       | 615,828<br><u>(68,263)</u>              | original calculation of budget contribution<br>less: reduction in contribution<br>547,565 total recommended budget contribution<br>(534,322) purchases<br>1,538,048 Reserve Balance end of 2018                   |
| 2019       | 626,582<br><u>(65,328)</u>              | original calculation of budget contribution<br>less: reduction in contribution<br>561,254 total recommended budget contribution<br>(426,535) purchases<br>1,672,767 Reserve Balance end of 2019                   |
| 2020       | 635,576<br><u>(60,291)</u>              | original calculation of budget contribution<br>less: reduction in contribution<br>575,286 total recommended budget contribution<br>(380,497) purchases<br>1,867,556 Reserve Balance end of 2020                   |
| 2021       | 637,930<br><u>(48,262)</u>              | original calculation of budget contribution<br>less: reduction in contribution<br>589,668 total recommended budget contribution<br>(582,881) purchases<br>1,874,343 Reserve Balance end of 2021                   |
| 2022       | 641,516<br><u>(37,106)</u>              | original calculation of budget contribution<br>less: reduction in contribution<br>604,410 total recommended budget contribution<br>(721,158) purchases<br><u>1,757,595</u> Reserve Balance end of 2022            |

to test the adequacy of this figure then as at Dec 31, 2022 we should have in the reserve the following:

|          |              |        |    |                  |
|----------|--------------|--------|----|------------------|
| Purchase | ERU #1       | 15,660 | 4  | 62,640           |
| Purchase | ERU #2       | 15,975 | 3  | 47,926           |
| Purchase | Trailer      | 4,488  | 12 | 53,852           |
| Purchase | 2023 Amb     | 60,152 | 5  | 300,762          |
| Purchase | 2024 Amb     | 61,422 | 4  | 245,689          |
| Purchase | 2025 Amb     | 62,717 | 3  | 188,152          |
| Purchase | 2026 Amb     | 64,038 | 2  | 128,077          |
| Purchase | 2027 Amb     | 98,079 | 1  | 98,079           |
| Purchase | Defib        | 83,373 | 6  | 500,241          |
| Purchase | Stair Chairs | 5,052  | 6  | 30,314           |
| Purchase | Stretchers   |        |    | 132,142          |
| Purchase | Tablet PCS   | 30,723 | 0  | 0                |
| Purchase | AVL          | 17,417 | 4  | 69,667           |
|          |              |        |    | <u>1,857,539</u> |

Note: anticipating 11 tablets will be funded through participation in vulnerable persons project  
Budgeted \$6,625/unit if receive 11 at no cost, benefits reserve by \$72,875

surplus/(shortfall) (99,944)

**1. Department / Function: Paramedic Services**

**Details of Project/Study: Ambulance Replacement**

**2. Total Gross Cost of Proposed Capital Project/Study: \$2,165,209**

| Construction | Consultant/Contractor | Equipment   | Other (Specify) |
|--------------|-----------------------|-------------|-----------------|
|              |                       | \$2,165,209 |                 |

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018      | 2019      | 2020      | 2021      | 2022      | Total              |
|--------------|-----------|-----------|-----------|-----------|-----------|--------------------|
| <b>Gross</b> | \$345,006 | \$351,906 | \$358,944 | \$549,185 | \$560,168 | <b>\$2,165,209</b> |
| <b>Net</b>   | \$0       | \$0       | \$0       | \$0       | \$0       | <b>\$0</b>         |

**3. Estimated Useful Life: 6 years**

**4. Location of Project/Study (if applicable):**

| Facility Name / Address | Municipality |
|-------------------------|--------------|
|-------------------------|--------------|

**5. Need or Benefit(s) of Project (including safety issues):**

Based on 6 year replacement cycle. Ambulances traditionally have in excess of 275,000 kilometers when decommissioned. Excessive repair and maintenance costs are associated with ambulances in excess of 6 years service life. All new ambulances will be outfitted with the "Power Load" system similar to the bariatric unit purchased in 2012.

3 ambulances to be replaced in 2017 2 ambulances to be replaced in 2018 2 ambulances to be replaced in 2019 2 ambulances to be replaced in 2020 3 ambulances to be replaced in 2021 3 ambulances to be replaced in 2022

**6. Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:**

|              | 2017      | 2018      | 2019      | 2020      | 2021      | Total              |
|--------------|-----------|-----------|-----------|-----------|-----------|--------------------|
| <b>Gross</b> | \$522,567 | \$355,346 | \$362,452 | \$369,702 | \$565,643 | <b>\$2,175,710</b> |
| <b>Net</b>   | \$0       | \$0       | \$0       | \$0       | \$0       | <b>\$0</b>         |

**7. Consequences/Implications of Not Undertaking Project (including alternatives):**

Ambulances used in the provision of Emergency Medical Services experience significant wear and tear due to the nature of the work. Attempting to extend the life of the ambulance beyond the 6 year replacement cycle will result in excessive repair costs and increase the risk of vehicle failure during an emergency call.

**8. Identify Sources and Amounts of Funding**

|              | From Reserve -<br>From EMS<br>Reserve | Other (Specify)<br>- Proceeds<br>from Disposal |
|--------------|---------------------------------------|------------------------------------------------|
| 2018         | \$325,006                             | \$20,000                                       |
| 2019         | \$331,906                             | \$20,000                                       |
| 2020         | \$338,944                             | \$20,000                                       |
| 2021         | \$519,185                             | \$30,000                                       |
| 2022         | \$530,168                             | \$30,000                                       |
| <b>Total</b> | <b>\$2,045,209</b>                    | <b>\$120,000</b>                               |

**9. Compliance with Council objective/strategic plan (if applicable):**

N/A

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

Financial - ongoing contribution to reserve funds required to ensure that stable funding model is maintained. Current replacement cycles are anticipated to remain constant during the 2018-2022 planning cycle. 2% annual inflation factor.

**1. Department / Function: Paramedic Services**

**Details of Project/Study: Stretchers**

**2. Total Gross Cost of Proposed Capital Project/Study: \$270,453**

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              |                       | \$270,453 |                 |

Stretchers are replaced based upon a 8 year lifecycle

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018     | 2019     | 2020     | 2021     | 2022     | Total            |
|--------------|----------|----------|----------|----------|----------|------------------|
| <b>Gross</b> | \$43,784 | \$24,330 | \$49,552 | \$75,696 | \$77,091 | <b>\$270,453</b> |
| <b>Net</b>   | \$0      | \$0      | \$0      | \$0      | \$0      | <b>\$0</b>       |

**3. Estimated Useful Life: 8 years**

**4. Location of Project/Study (if applicable):**

| Facility Name / Address | Municipality |
|-------------------------|--------------|
|-------------------------|--------------|

**5. Need or Benefit(s) of Project (including safety issues):**

Stretchers used in provision of emergency medical services need to be replaced to ensure that mechanical breakdown is minimized and patient safety is ensured. Stretchers have a useful life cycle of 8 years. Scheduled maintenance helps to keep stretchers in a functional capacity during their life cycle. Introduction of power aided stretchers began in 2011 and will be the norm for future purchases. Stretcher purchases will match the number of ambulances purchased by year as follows:

2017 - 3 stretchers 2018 - 2 stretchers 2019 - 1 stretcher 2020 - 2 stretchers 2021 - 3 stretchers 2022 - 3 stretchers

**6. Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:**

|              | 2017     | 2018     | 2019     | 2020     | 2021     | Total            |
|--------------|----------|----------|----------|----------|----------|------------------|
| <b>Gross</b> | \$65,676 | \$44,660 | \$22,776 | \$46,464 | \$71,090 | <b>\$250,666</b> |
| <b>Net</b>   | \$0      | \$0      | \$0      | \$0      | \$0      | <b>\$0</b>       |

**7. Consequences/Implications of Not Undertaking Project (including alternatives):**

Stretcher breakdown or failure could pose risk to patient being transported and well as liability risk to County would be increased.

**8. Identify Sources and Amounts of Funding**

|              | From Reserve -<br>From EMS<br>Reserve | Other (Specify)<br>- Proceeds<br>from Disposal |
|--------------|---------------------------------------|------------------------------------------------|
| 2018         | \$43,784                              | \$0                                            |
| 2019         | \$22,330                              | \$2,000                                        |
| 2020         | \$45,552                              | \$4,000                                        |
| 2021         | \$69,696                              | \$6,000                                        |
| 2022         | \$71,091                              | \$6,000                                        |
| <b>Total</b> | <b>\$252,453</b>                      | <b>\$18,000</b>                                |

**9. Compliance with Council objective/strategic plan (if applicable):**

N/A

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

Financial - ongoing contribution to reserve funds required to ensure that stable funding model is maintained. All future stretcher purchased are "Power Load Ready". Canadian currency fluctuation and 2% inflation factor calculated on future year purchases.

**1. Department / Function: Paramedic Services**

**Details of Project/Study: Transfer to/from Reserve (BCA) EMS  
Station Capital Repairs**

**2. Total Gross Cost of Proposed Capital Project/Study: \$121,655**

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              |                       |           | \$121,655       |

Transfer to Reserve to fund future capital repairs based upon Building Condition Assessment (BCA) for the Owen Sound base and estimated future needs for the Craigeith base.

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018     | 2019     | 2020     | 2021     | 2022     | Total            |
|--------------|----------|----------|----------|----------|----------|------------------|
| <b>Gross</b> | \$20,331 | \$22,331 | \$24,331 | \$26,331 | \$28,331 | <b>\$121,655</b> |
| <b>Net</b>   | \$20,331 | \$22,331 | \$24,331 | \$26,331 | \$28,331 | <b>\$121,655</b> |

**3. Estimated Useful Life:**

**4. Location of Project/Study (if applicable):**

| Facility Name / Address | Municipality |
|-------------------------|--------------|
|-------------------------|--------------|

**5. Need or Benefit(s) of Project (including safety issues):**

The County currently owns 2 EMS based located in Owen Sound and The Blue Mountains. A Building Condition Assessment (BCA) report was completed in 2011 for the Owen Sound base. The Blue Mountains base will be assessed during the next round of BCA anticipated to occur in 2016. The BCA completed for the Owen Sound base identified capital replacement costs for both large and smaller projects between 2012 and 2031. The most significant capital expenditures do not occur until 2023 when flat roof work will need to be completed. There are also a number of other significant capital costs that are scheduled beyond 2023.

**6. Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:**

|              | 2017     | 2018     | 2019     | 2020     | 2021     | Total            |
|--------------|----------|----------|----------|----------|----------|------------------|
| <b>Gross</b> | \$18,331 | \$20,331 | \$22,331 | \$24,331 | \$26,331 | <b>\$111,655</b> |
| <b>Net</b>   | \$18,331 | \$20,331 | \$22,331 | \$24,331 | \$26,331 | <b>\$111,655</b> |

**7. Consequences/Implications of Not Undertaking Project (including alternatives):**

As with all capital assets, building and their components have a useful lifespan and will need to be replaced or upgraded periodically. The inclusion of capital funding reserves will help to eliminate significant one-time funding requirements as they occur.

**8. Identify Sources and Amounts of Funding**

|              | Taxation         |
|--------------|------------------|
| 2018         | \$20,331         |
| 2019         | \$22,331         |
| 2020         | \$24,331         |
| 2021         | \$26,331         |
| 2022         | \$28,331         |
| <b>Total</b> | <b>\$121,655</b> |

**9. Compliance with Council objective/strategic plan (if applicable):**

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

The recommended transfer to reserve increases by \$2,000 each year in order to provide adequate funding; the building condition assessments are being updated in 2017 and this will capture Craighleith which was built after the previous building condition assessment.

**1. Department / Function: Paramedic Services**

**Details of Project/Study: Debenture Payment Paramedic Service Base - Chatsworth**

**2. Total Gross Cost of Proposed Capital Project/Study: \$841,399**

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              |                       |           | \$841,399       |

Total square footage to be approximately 2,000 square feet with 2 ambulance bays, crew quarters and change/washrooms. The original budget was \$557,000 (\$40,000 for consulting fees and \$517,000 for the build) with an annual debenture payment of \$47,411.

The project has been tendered and low bid is \$606,968 exclusive of HST. The total project cost has been estimated at \$684,673; this figure includes \$40,000 for consulting, permits, asbestos remediation, septic analysis and a provision if work is required to tie in the septic to the existing system. If the project moves forward, the anticipated annual debenture payment would total \$56,093 based on an interest rate of 2.77% with a 15 year term (\$841,399 over the 15 year term).

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018      | 2019     | 2020     | 2021     | 2022     | Total            |
|--------------|-----------|----------|----------|----------|----------|------------------|
| <b>Gross</b> | \$740,766 | \$56,093 | \$56,093 | \$56,093 | \$56,093 | <b>\$965,138</b> |
| <b>Net</b>   | \$56,093  | \$56,093 | \$56,093 | \$56,093 | \$56,093 | <b>\$280,465</b> |

**3. Estimated Useful Life:**

**4. Location of Project/Study (if applicable):**

| Facility Name / Address | Municipality           |
|-------------------------|------------------------|
|                         | Township of Chatsworth |

**5. Need or Benefit(s) of Project (including safety issues):**

The building of a new paramedic services base in the Chatsworth service area will allow for the placement of a permanent ambulance stationed directly in the response area. The ambulance base will be located at the County operated Chatsworth Depot. A two bay depot will allow for the storage of a spare ambulance both operationally and when ambulances are being serviced at the Depot.

**6. Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:**

|              | 2017      | 2018     | 2019     | 2020     | 2021     | Total            |
|--------------|-----------|----------|----------|----------|----------|------------------|
| <b>Gross</b> | \$564,411 | \$47,411 | \$47,411 | \$47,411 | \$47,411 | <b>\$754,055</b> |
| <b>Net</b>   | \$47,411  | \$47,411 | \$47,411 | \$47,411 | \$47,411 | <b>\$237,055</b> |

**7. Consequences/Implications of Not Undertaking Project (including alternatives):**

Response time in the Chatsworth and surrounding areas of Meaford and Georgian Bluffs will be greatly improved with the operationalization of the new base. Paramedic response to the area currently comes from Owen Sound and Markdale.

**8. Identify Sources and Amounts of Funding**

|      | Debenture | Debenture Payment |
|------|-----------|-------------------|
| 2018 | \$684,673 | \$56,093          |

|              |                  |                  |
|--------------|------------------|------------------|
| 2019         | \$0              | \$56,093         |
| 2020         | \$0              | \$56,093         |
| 2021         | \$0              | \$56,093         |
| 2022         | \$0              | \$56,093         |
| <b>Total</b> | <b>\$684,673</b> | <b>\$280,465</b> |

**9. Compliance with Council objective/strategic plan (if applicable):**

N/A

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

Once operational, the base will require ongoing utility/operational costs and will need to have a Building Condition Assessment (BCA) completed for long term capital replacement costs.

**1. Department / Function: Paramedic Services**

**Details of Project/Study: Tablet Computers**

**2. Total Gross Cost of Proposed Capital Project/Study: \$125,900**

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              |                       | \$125,900 |                 |

Tablet computer refresh for ambulances (2017) - 5 year lifecycle replacement schedule. All tablets used in ambulances are replaced at same time (replacement quantity is 21).

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018 | 2019 | 2020 | 2021 | 2022      | Total            |
|--------------|------|------|------|------|-----------|------------------|
| <b>Gross</b> | \$0  | \$0  | \$0  | \$0  | \$125,900 | <b>\$125,900</b> |
| <b>Net</b>   | \$0  | \$0  | \$0  | \$0  | \$0       | <b>\$0</b>       |

**3. Estimated Useful Life: 5 years**

**4. Location of Project/Study (if applicable):**

| Facility Name / Address | Municipality |
|-------------------------|--------------|
|-------------------------|--------------|

**5. Need or Benefit(s) of Project (including safety issues):**

Computer replacement based on 5 year life cycle . Tablet computers are of a "rugged" nature for use in external environments for the completion of ambulance call reports, digital mapping, completion of daily vehicle checks and for providing general information in an electronic format.

**6. Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:**

|              | 2017      | 2018 | 2019 | 2020 | 2021 | Total            |
|--------------|-----------|------|------|------|------|------------------|
| <b>Gross</b> | \$139,125 | \$0  | \$0  | \$0  | \$0  | <b>\$139,125</b> |
| <b>Net</b>   | \$0       | \$0  | \$0  | \$0  | \$0  | <b>\$0</b>       |

**7. Consequences/Implications of Not Undertaking Project (including alternatives):**

Poor performance and increased maintenance costs are shown for computers utilized in excess of a 5 year service life. Ambulance call reports are required to be completed as soon as the call is completed thus requiring fully functional computers. The computers also provide digital mapping with GPS capabilities for paramedic response to emergency calls and transportation to hospital. Failure of the computers could pose risk during emergency responses as a result of loss of digital mapping.

**8. Identify Sources and Amounts of Funding**

|              | From Reserve -<br>From EMS<br>Reserve |
|--------------|---------------------------------------|
| 2018         | \$0                                   |
| 2019         | \$0                                   |
| 2020         | \$0                                   |
| 2021         | \$0                                   |
| 2022         | \$125,900                             |
| <b>Total</b> | <b>\$125,900</b>                      |

**9. Compliance with Council objective/strategic plan (if applicable):**

N/A

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

Financial - ongoing contribution to reserve funds required to ensure that stable funding model is maintained.

**1. Department / Function: Paramedic Services**

**Details of Project/Study: Vehicle AVL and Mobile WiFi**

**2. Total Gross Cost of Proposed Capital Project/Study: \$92,700**

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              |                       | \$92,700  |                 |

Electronic automatic vehicle locating (AVL) and mobile WiFi modems to be replaced in all paramedic services vehicles including 15 ambulances and 3 emergency response vehicles. Currently the fleet has Webtech Wireless "Atmel" boxes that were purchased as an ambulance accessory that have been in service from 5-10 years. Mobile WiFi modems will be new equipment to allow for in vehicle WiFi. This equipment is used for tracking vehicles, mapping and routing, real time data exchange with dispatch and transfer of electronic patient care records Global Positioning System (GPS) units with a combination cellular modem installed in ambulances have been in use for a period of 4 to 9 years. Units have been reinstalled for use in new ambulances since 2014. All units to be replaced at the same time (replacement quantity 18). 6 year lifecycle replacement schedule.

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018     | 2019 | 2020 | 2021 | 2022 | Total           |
|--------------|----------|------|------|------|------|-----------------|
| <b>Gross</b> | \$92,700 | \$0  | \$0  | \$0  | \$0  | <b>\$92,700</b> |
| <b>Net</b>   | \$0      | \$0  | \$0  | \$0  | \$0  | <b>\$0</b>      |

**3. Estimated Useful Life: 6 years**

**4. Location of Project/Study (if applicable):**

| Facility Name / Address | Municipality |
|-------------------------|--------------|
|-------------------------|--------------|

**5. Need or Benefit(s) of Project (including safety issues):**

The current equipment will have reached its useful life cycle by 2018. Technology upgrades will be allowed with a wholesale changeover to the new equipment. GPS and modem replacement is based upon a 6 year replacement cycle as recommended by the vendor warranty. Ambulances connected with GPS help paramedics get help to citizens faster, and put wireless public safety applications at their fingertips. GPS aids the paramedic duty supervisor and the ambulance communications center in the deployment of ambulances for emergency calls and emergency coverage. Units will allow for digital mapping, automatic download of call location and call details to ambulances from dispatch, ability to upload patient records to hospitals in timely manner, mobile completion of service required forms.

**6. Scheduling and Cost of Project/Study in 2017-2021 Capital Plan: not in plan**

|              | 2017 | 2018 | 2019 | 2020 | 2021 | Total      |
|--------------|------|------|------|------|------|------------|
| <b>Gross</b> | \$0  | \$0  | \$0  | \$0  | \$0  | <b>\$0</b> |
| <b>Net</b>   | \$0  | \$0  | \$0  | \$0  | \$0  | <b>\$0</b> |

**7. Consequences/Implications of Not Undertaking Project (including alternatives):**

The current equipment is failing and is not able to meet the needs of the department. Poor performance and increased maintenance costs are shown for GPS/cellular modems utilized in excess of a 6 year service life. GPS capabilities are required for paramedic response to emergency calls and transportation of patients to the hospital. Failure of units could pose risk during emergency responses as a result of loss of digital aided mapping. Ambulance call reports are required to be completed as soon as the call is completed thus requiring fully

functional and reliable internet signal.

**8. Identify Sources and Amounts of Funding**

|              | <b>From Reserve -<br/>From EMS<br/>Reserve</b> |
|--------------|------------------------------------------------|
| 2018         | \$92,700                                       |
| 2019         | \$0                                            |
| 2020         | \$0                                            |
| 2021         | \$0                                            |
| 2022         | \$0                                            |
| <b>Total</b> | <b>\$92,700</b>                                |

**9. Compliance with Council objective/strategic plan (if applicable):**

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

**1. Department / Function: Paramedic Services**

**Details of Project/Study: Emergency Response Unit Replacement**

**2. Total Gross Cost of Proposed Capital Project/Study: \$148,131**

| Construction | Consultant/Contractor | Equipment | Other (Specify) |
|--------------|-----------------------|-----------|-----------------|
|              |                       | \$148,131 |                 |

Replacement of one duty supervisor's vehicle in 2018 and 2019.

**Cost of Proposed Capital Project/Study in 2018-2022 Program:**

|              | 2018     | 2019     | 2020 | 2021 | 2022 | Total            |
|--------------|----------|----------|------|------|------|------------------|
| <b>Gross</b> | \$73,332 | \$74,799 | \$0  | \$0  | \$0  | <b>\$148,131</b> |
| <b>Net</b>   | \$0      | \$0      | \$0  | \$0  | \$0  | <b>\$0</b>       |

**3. Estimated Useful Life: 5 years**

**4. Location of Project/Study (if applicable):**

| Facility Name / Address | Municipality |
|-------------------------|--------------|
|-------------------------|--------------|

**5. Need or Benefit(s) of Project (including safety issues):**

Supervisor vehicles are replaced on a 5 year cycle. Vehicle is used by Duty Supervisor in daily operations throughout County. Also used to respond to emergency medical calls as first response unit. Vehicle also used to transport Incident Response Unit to scene of large scale incidents as well at public displays, etc. Currently there are 2 ERUs in the fleet. 1 ERU scheduled for replacement in 2018 for \$73,332 and the second in 2019 for \$74,799 (both fully funded from reserves and proceeds from disposal of trade-in).

**6. Scheduling and Cost of Project/Study in 2017-2021 Capital Plan:**

|              | 2017 | 2018     | 2019     | 2020 | 2021 | Total            |
|--------------|------|----------|----------|------|------|------------------|
| <b>Gross</b> | \$0  | \$73,332 | \$74,799 | \$0  | \$0  | <b>\$148,131</b> |
| <b>Net</b>   | \$0  | \$0      | \$0      | \$0  | \$0  | <b>\$0</b>       |

**7. Consequences/Implications of Not Undertaking Project (including alternatives):**

Risk of vehicle failure increases as vehicle ages. Vehicle travels throughout County using emergency warning systems and must be capable of safe response in all conditions.

**8. Identify Sources and Amounts of Funding**

|              | From Reserve -<br>From EMS<br>Reserve | Other (Specify)<br>- Proceeds<br>from Disposal |
|--------------|---------------------------------------|------------------------------------------------|
| 2018         | \$72,832                              | \$500                                          |
| 2019         | \$74,299                              | \$500                                          |
| 2020         | \$0                                   | \$0                                            |
| 2021         | \$0                                   | \$0                                            |
| 2022         | \$0                                   | \$0                                            |
| <b>Total</b> | <b>\$147,131</b>                      | <b>\$1,000</b>                                 |

**9. Compliance with Council objective/strategic plan (if applicable):**

N/A

**10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

Financial - ongoing contribution to reserve funds required to ensure that stable funding model is maintained.