



Grey
County

Five Year Capital Forecasts 2017-2021



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**SUMMARY OF FIVE YEAR CAPITAL &
EXTRA-ORDINARY EXPENDITURES**
Clerk & Council Services

PROJECT	2016 Approved Budget	2017-2021 Five Year Capital & Extra-Ordinary Expenditures					
		2017	2018	2019	2020	2021	TOTAL
Complete Review of Corporate Communications	45,000						
From Reserve - Council Communications Reserve	(45,000)						
To Reserve - Council Communications Reserve	9,000						
Update Corporate Communications Strategy							
To Reserve - funds to reserve annually		9,000	9,000	9,000	9,000	9,000	45,000
NET LEVY REQUIREMENTS	9,000	9,000	9,000	9,000	9,000	9,000	45,000



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

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 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$9,000	\$9,000	\$9,000	\$9,000	\$9,000	\$45,000
Net	\$9,000	\$9,000	\$9,000	\$9,000	\$9,000	\$45,000

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 2016-2020 Capital Plan: Update Corporate Communications Strategy

	2016	2017	2018	2019	2020	Total
Gross	\$0	\$0	\$0	\$0	\$0	\$0
Net	\$0	\$0	\$0	\$0	\$0	\$0

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 - funds to reserve annually
2017	\$9,000
2018	\$9,000

2019	\$9,000
2020	\$9,000
2021	\$9,000
Total	\$45,000

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.



SUMMARY OF FIVE YEAR CAPITAL & EXTRA-ORDINARY EXPENDITURES

Finance

PROJECT	2016 Approved Budget	2017-2021 Five Year Capital & Extra-Ordinary Expenditures					
		2017	2018	2019	2020	2021	TOTAL
Conduct Service Review of Finance Department	45,000						
From Reserve - Council/Departmental Strategic Reviews Reserve	(45,000)						
NET LEVY REQUIREMENTS	0	0	0	0	0	0	0



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

COMMITTEE/FUNCTION	2016 Approved Budget	2017-2021 Five Year Capital & Extra-Ordinary Expenditures					
		2017	2018	2019	2020	2021	TOTAL
Clerk & Council Services	9,000	9,000	9,000	9,000	9,000	9,000	45,000
Finance	0						0
Human Resources	30,200	30,200	30,200	30,200	30,200	30,200	151,000
Information Technology	54,500	53,000	53,000	53,000	53,000	54,000	266,000
General Administration	0				0	0	0
Property - Administration Building	669,419	78,740	81,890	85,166	88,572	92,116	426,484
Property - Admin. Bldg. - Debenture Payments		816,204	816,204	816,204	816,204	816,204	4,081,020
NET LEVY REQUIREMENTS	763,119	987,144	990,294	993,570	996,976	1,001,520	4,969,504



SUMMARY OF FIVE YEAR CAPITAL & EXTRA-ORDINARY EXPENDITURES Human Resources

PROJECT	2016 Approved Budget	2017-2021 Five Year Capital & Extra-Ordinary Expenditures					
		2017	2018	2019	2020	2021	TOTAL
Job Hazard Analysis & Physical Demands Analysis	165,000						
From Reserve - One-Time Funding Reserve	(165,000)						
Human Resources Software Update			68,100				68,100
From Reserve - HRIS Reserve			(45,400)				(45,400)
To Reserve - HRIS Reserve	22,700	22,700		22,700	22,700	22,700	90,800
Market Salary Review - Non-Union				30,000			30,000
From Reserve - Market Salary Reserve				(22,500)			(22,500)
To Reserve - Market Salary Review Reserve	7,500	7,500	7,500		7,500	7,500	30,000
NET LEVY REQUIREMENTS	30,200	30,200	30,200	30,200	30,200	30,200	151,000



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

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 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$22,700	\$68,100	\$22,700	\$22,700	\$22,700	\$158,900
Net	\$22,700	\$22,700	\$22,700	\$22,700	\$22,700	\$113,500

3. Estimated Useful Life: 10 years

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

Facility Name / Address	Municipality
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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.

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

6. Scheduling and Cost of Project/Study in 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$22,700	\$22,700	\$68,100	\$22,700	\$22,700	\$158,900
Net	\$22,700	\$22,700	\$22,700	\$22,700	\$22,700	\$113,500

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
2017	\$22,700	\$0	\$0
2018	\$0	\$22,700	\$45,400
2019	\$22,700	\$0	\$0
2020	\$22,700	\$0	\$0
2021	\$22,700	\$0	\$0
Total	\$90,800	\$22,700	\$45,400

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.



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

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 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$7,500	\$7,500	\$30,000	\$7,500	\$7,500	\$60,000
Net	\$7,500	\$7,500	\$7,500	\$7,500	\$7,500	\$37,500

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 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$7,500	\$7,500	\$7,500	\$30,000	\$7,500	\$60,000
Net	\$7,500	\$7,500	\$7,500	\$7,500	\$7,500	\$37,500

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 - Market Salary Review Reserve	Taxation	From Reserve - Market Salary Reserve
2017	\$7,500	\$0	\$0
2018	\$7,500	\$0	\$0
2019	\$0	\$7,500	\$22,500
2020	\$7,500	\$0	\$0
2021	\$7,500	\$0	\$0
Total	\$30,000	\$7,500	\$22,500

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
Information Technology

PROJECT	2016 Approved Budget	2017-2021 Five Year Capital & Extra-Ordinary Expenditures					
		2017	2018	2019	2020	2021	TOTAL
Replacement of GreyDocs (Oracle EDRMS)	100,000						
From Reserve - Information Technology							
Planned Software	(100,000)						
Parcel Fabric Adjustment	80,000						
From Reserve - One Time Funding Reserve	(80,000)						
Network Storage Equipment		100,000				120,000	220,000
From Reserve - IT General		(100,000)				(120,000)	(220,000)
To Reserve - IT General	10,000	20,000	20,000	20,000	20,000	20,000	100,000
User Fee to Offset Transfer to Reserve	(10,000)	(20,000)	(20,000)	(20,000)	(20,000)	(20,000)	(100,000)
Corporate Web Site						40,000	40,000
From Reserve - IT Reserve						(40,000)	(40,000)
To Reserve - IT Reserve	7,000	8,000	8,000	8,000	8,000	8,000	40,000
Replacement of Photocopiers		50,000	25,000	42,000	30,000	25,000	172,000
From Reserve - Copier Reserve		(50,000)	(25,000)	(42,000)	(30,000)	(25,000)	(172,000)
To Reserve - Copier Reserve	30,000	30,000	30,000	30,000	30,000	30,000	150,000
Replace Complete Telephone System						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
Tower Replacement (Ceylon and Woodford)							
To Reserve - Tower Replacement Reserve	20,500	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)
Building Security System		10,000	15,000				25,000
From Reserve - One time reserve		(10,000)	(15,000)				(25,000)
Council Chamber Audio-Video			90,000				90,000
From Reserve - One time reserve			(90,000)				(90,000)
Network and Desktop Software Replacement				100,000			100,000
From Reserve - IT Reserve				(100,000)			(100,000)
Ortho Photography					24,000		24,000
From Reserve - Ortho Photography					(24,000)		(24,000)
To Reserve - Ortho Photography	8,000	5,000	5,000	5,000	5,000	6,000	26,000
IT Strategic Plan Update						45,000	45,000
From Reserve - Council/Departmental Strategic Plan Review						(45,000)	(45,000)
NET LEVY REQUIREMENTS	54,500	53,000	53,000	53,000	53,000	54,000	266,000



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

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 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$120,000	\$20,000	\$20,000	\$20,000	\$140,000	\$320,000
Net	\$0	\$0	\$0	\$0	\$0	\$0

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

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

Facility Name / Address	Municipality
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5. **Need or Benefit(s) of Project (including safety issues):**
data loss

6. **Scheduling and Cost of Project/Study in 2016-2020 Capital Plan:**

	2016	2017	2018	2019	2020	Total
Gross	\$0	\$0	\$0	\$0	\$0	\$0
Net	\$0	\$0	\$0	\$0	\$0	\$0

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
2017	\$100,000	\$20,000	\$20,000
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
Total	\$220,000	\$100,000	\$100,000

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



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

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 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$8,000	\$8,000	\$8,000	\$8,000	\$48,000	\$80,000
Net	\$8,000	\$8,000	\$8,000	\$8,000	\$8,000	\$40,000

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 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$7,000	\$7,000	\$7,000	\$7,000	\$42,000	\$70,000
Net	\$7,000	\$7,000	\$7,000	\$7,000	\$7,000	\$35,000

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
2017	\$8,000	\$0	\$0
2018	\$8,000	\$0	\$0
2019	\$8,000	\$0	\$0
2020	\$8,000	\$0	\$0
2021	\$8,000	\$40,000	\$0
Total	\$40,000	\$40,000	\$0

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



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

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. \$30,000 - 2016 Transfer to Reserve amount to fund future purchases.

Cost of Proposed Capital Project/Study in 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$80,000	\$55,000	\$72,000	\$60,000	\$55,000	\$322,000
Net	\$30,000	\$30,000	\$30,000	\$30,000	\$30,000	\$150,000

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 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$30,000	\$63,100	\$75,500	\$72,000	\$60,000	\$300,600
Net	\$30,000	\$29,500	\$29,500	\$30,000	\$30,000	\$149,000

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
2017	\$50,000	\$30,000
2018	\$25,000	\$30,000
2019	\$42,000	\$30,000
2020	\$30,000	\$30,000
2021	\$25,000	\$30,000
Total	\$172,000	\$150,000

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):



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

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 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$10,000	\$10,000	\$10,000	\$10,000	\$60,000	\$100,000
Net	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$50,000

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 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$50,000
Net	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$50,000

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
2017	\$10,000	\$0
2018	\$10,000	\$0
2019	\$10,000	\$0
2020	\$10,000	\$0
2021	\$10,000	\$50,000
Total	\$50,000	\$50,000

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):



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

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 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$21,000	\$21,000	\$21,000	\$21,000	\$21,000	\$105,000
Net	\$0	\$0	\$0	\$0	\$0	\$0

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 2016-2020 Capital Plan: 12,750

	2016	2017	2018	2019	2020	Total
Gross	\$20,500	\$21,000	\$21,000	\$21,000	\$21,000	\$104,500
Net	(\$500)	\$0	\$0	\$0	\$0	(\$500)

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
2017	\$21,000	\$21,000
2018	\$21,000	\$21,000
2019	\$21,000	\$21,000
2020	\$21,000	\$21,000
2021	\$21,000	\$21,000
Total	\$105,000	\$105,000

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):



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

1. **Department / Function:** Information Technology
Details of Project/Study: Building Security System

2. **Total Gross Cost of Proposed Capital Project/Study:** \$25,000

Construction	Consultant/Contractor	Equipment	Other (Specify)
		\$25,000	

Cameras and door security for new addition

Cost of Proposed Capital Project/Study in 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$10,000	\$15,000	\$0	\$0	\$0	\$25,000
Net	\$0	\$0	\$0	\$0	\$0	\$0

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

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

Facility Name / Address	Municipality
Administration Building	

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

Security for new addition

6. **Scheduling and Cost of Project/Study in 2016-2020 Capital Plan:** 0

	2016	2017	2018	2019	2020	Total
Gross	\$0	\$0	\$0	\$0	\$0	\$0
Net	\$0	\$0	\$0	\$0	\$0	\$0

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

poor security in new addition.

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

	From Reserve - One time reserve
2017	\$10,000
2018	\$15,000
2019	\$0
2020	\$0
2021	\$0
Total	\$25,000

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

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

none



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

1. Department / Function: Information Technology

Details of Project/Study: **Council Chamber Audio-Video**

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 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$0	\$90,000	\$0	\$0	\$0	\$90,000
Net	\$0	\$0	\$0	\$0	\$0	\$0

3. Estimated Useful Life: 10 years

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

Facility Name / Address	Municipality
Administration Building	

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

New council chamber will need new audio and video equipment. Webcasting (camera) equipment is also being suggested in this budget to improve resident engagement.

6. Scheduling and Cost of Project/Study in 2016-2020 Capital Plan: 0

	2016	2017	2018	2019	2020	Total
Gross	\$0	\$0	\$0	\$0	\$0	\$0
Net	\$0	\$0	\$0	\$0	\$0	\$0

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

Audio and visual equipment is a must (\$20,000), webcasting is discretionary.

8. Identify Sources and Amounts of Funding

	From Reserve - One time reserve
2017	\$0
2018	\$90,000
2019	\$0
2020	\$0
2021	\$0
Total	\$90,000

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

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

none



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

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 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$0	\$0	\$100,000	\$0	\$0	\$100,000
Net	\$0	\$0	\$0	\$0	\$0	\$0

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 2016-2020 Capital Plan:**

	2016	2017	2018	2019	2020	Total
Gross	\$70,000	\$70,000	\$370,000	\$70,000	\$70,000	\$650,000
Net	\$0	\$0	\$0	\$0	\$0	\$0

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
2017	\$0
2018	\$0
2019	\$100,000
2020	\$0
2021	\$0
Total	\$100,000

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



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

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 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$5,000	\$5,000	\$5,000	\$29,000	\$6,000	\$50,000
Net	\$5,000	\$5,000	\$5,000	\$5,000	\$6,000	\$26,000

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 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$8,000	\$8,000	\$8,000	\$40,000	\$8,000	\$72,000
Net	\$8,000	\$8,000	\$8,000	\$8,000	\$8,000	\$40,000

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 - Ortho Photography	From Reserve - Ortho Photography	Taxation
2017	\$5,000	\$0	\$0
2018	\$5,000	\$0	\$0
2019	\$5,000	\$0	\$0
2020	\$5,000	\$24,000	\$0
2021	\$6,000	\$0	\$0
Total	\$26,000	\$24,000	\$0

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



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

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 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$0	\$0	\$0	\$0	\$45,000	\$45,000
Net	\$0	\$0	\$0	\$0	\$0	\$0

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 2016-2020 Capital Plan:**

	2016	2017	2018	2019	2020	Total
Gross	\$0	\$0	\$0	\$0	\$45,000	\$45,000
Net	\$0	\$0	\$0	\$0	\$0	\$0

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 - Council/Departmental Strategic Plan Review
2017	\$0
2018	\$0
2019	\$0
2020	\$0
2021	\$45,000
Total	\$45,000

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):



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

PROJECT	2016 Approved Budget	2017-2021 Five Year Capital & Extra-Ordinary Expenditures					
		2017	2018	2019	2020	2021	TOTAL
Update of Corporate Strategic Plan	75,000				81,000		81,000
From Reserve - Strategic Initiatives Reserve	(75,000)				(81,000)		(81,000)
Building Condition Assessments and Reserve Fund Studies Update	110,000					115,000	115,000
From Reserve - Federal Gas Tax Reserve	(110,000)					(115,000)	(115,000)
NET LEVY REQUIREMENTS	0	0	0	0	0	0	0



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

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

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

2. Total Gross Cost of Proposed Capital Project/Study: \$81,000

Construction	Consultant/Contractor	Equipment	Other (Specify)
	\$81,000		

Cost of Proposed Capital Project/Study in 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$0	\$0	\$0	\$81,000	\$0	\$81,000
Net	\$0	\$0	\$0	\$0	\$0	\$0

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
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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 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$75,000	\$0	\$0	\$0	\$0	\$75,000
Net	\$0	\$0	\$0	\$0	\$0	\$0

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
2017	\$0
2018	\$0
2019	\$0
2020	\$81,000
2021	\$0
Total	\$81,000

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.



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

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 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$0	\$0	\$0	\$0	\$115,000	\$115,000
Net	\$0	\$0	\$0	\$0	\$0	\$0

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 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$110,000	\$0	\$0	\$0	\$0	\$110,000
Net	\$0	\$0	\$0	\$0	\$0	\$0

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 - Federal Gas Tax Reserve
2017	\$0
2018	\$0
2019	\$0
2020	\$0
2021	\$115,000

Total	\$115,000
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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.



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

PROJECT	2016 Approved Budget	2017-2021 Five Year Capital & Extra-Ordinary Expenditures					
		2017	2018	2019	2020	2021	TOTAL
Painting of the Exterior of Admin. Bldg. and Balcony Decks	35,000	35,000					35,000
From Reserve - Admin. Property Bldgs Reserve	(35,000)	(35,000)					(35,000)
Flag Pole Replacement	6,500						
From Reserve - Admin. Property Bldgs. Reserve	(6,500)						
Humidifiers - Upper Level	20,000	20,000					20,000
From Reserve - Admin. Property Bldgs. Reserve	(20,000)	(20,000)					(20,000)
Capital Improvements - County Admin. Property Bldgs. Envelope							
To Reserve - Admin. Property Bldgs. Reserve	69,212	78,740	81,890	85,166	88,572	92,116	426,484
Administration/POA Building Expansion	13,204,049						
From Reserve - Administration/POA Building Expansion Reserve	(3,291,096)						
From Reserve - Development Charges	(140,000)						
To Reserve - Administration/POA Building Expansion Reserve	600,207						
Debenture	(9,772,953)						
Debenture Payment		816,204	816,204	816,204	816,204	816,204	4,081,020
Replace Carpet - Lower Level		44,000					44,000
From Reserve - Admin. Property Bldgs. Reserve		(44,000)					(44,000)
Workstation Replacement - Lower Level		150,000					150,000
From Reserve - Admin. Property Bldgs. Reserve		(150,000)					(150,000)
Replace HVAC units		26,000					26,000
From Reserve - Admin. Property Bldgs. Reserve		(26,000)					(26,000)
Interlocking Brick and Sidewalk Repairs		14,000					14,000
From Reserve - Admin. Property Bldgs. Reserve		(14,000)					(14,000)
Replace Fencing Handrails, Exterior Stairs		11,000					11,000
From Reserve - Admin. Property Bldgs. Reserve		(11,000)					(11,000)
Barrel Windows for Council Chambers		24,000					24,000
From Reserve - Admin Property Bldgs Reserve		(24,000)					(24,000)
HVAC system Morrison Building		13,500					13,500
From Reserve - Admin Property Bldgs. Reserve		(13,500)					(13,500)
Replace Asphalt, Upper Parking Lot			130,000				130,000
From Reserve - Admin. Property Bldgs Reserve			(130,000)				(130,000)
NET LEVY REQUIREMENTS	669,419	894,944	898,094	901,370	904,776	908,320	4,507,504



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

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:** \$35,000

Construction	Consultant/Contractor	Equipment	Other (Specify)
	\$35,000		

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 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$35,000	\$0	\$0	\$0	\$0	\$35,000
Net	\$0	\$0	\$0	\$0	\$0	\$0

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 2017 until after a building renovation has been completed. If the building renovation does not move forward, the painting would be required in 2017.

6. **Scheduling and Cost of Project/Study in 2016-2020 Capital Plan:**

	2016	2017	2018	2019	2020	Total
Gross	\$35,000	\$0	\$0	\$0	\$0	\$35,000
Net	\$0	\$0	\$0	\$0	\$0	\$0

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 - Admin. Property Bldgs Reserve
2017	\$35,000
2018	\$0
2019	\$0

2020	\$0
2021	\$0
Total	\$35,000

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

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



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

1. Department / Function: **Property - Administration Building**
Details of Project/Study: **Humidifiers - Upper Level**

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

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

Install humidifiers for the two upper wings of the Administration Building

Cost of Proposed Capital Project/Study in 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$20,000	\$0	\$0	\$0	\$0	\$20,000
Net	\$0	\$0	\$0	\$0	\$0	\$0

3. Estimated Useful Life:

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):

To address staff complaints of dry air on the upper level of the building. The project was originally scheduled for 2015 but was deferred to 2016. Staff recommends further deferring this project until 2017 to ensure compatibility with heating system in the new build. If the building renovation does not proceed, this work will be done in 2017.

6. Scheduling and Cost of Project/Study in 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$20,000	\$0	\$0	\$0	\$0	\$20,000
Net	\$0	\$0	\$0	\$0	\$0	\$0

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

Complaints regarding dry air

8. Identify Sources and Amounts of Funding

	From Reserve - Admin. Property Bldgs. Reserve
2017	\$20,000
2018	\$0
2019	\$0
2020	\$0
2021	\$0
Total	\$20,000

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

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



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

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: \$426,484

Construction	Consultant/Contractor	Equipment	Other (Specify)
	\$426,484		

Cost of Proposed Capital Project/Study in 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$78,740	\$81,890	\$85,166	\$88,572	\$92,116	\$426,484
Net	\$78,740	\$81,890	\$85,166	\$88,572	\$92,116	\$426,484

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 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$69,212	\$78,740	\$81,890	\$85,166	\$88,572	\$403,580
Net	\$69,212	\$78,740	\$81,890	\$85,166	\$88,572	\$403,580

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 - Admin. Property Bldgs. Reserve
2017	\$78,740
2018	\$81,890
2019	\$85,166
2020	\$88,572
2021	\$92,116
Total	\$426,484

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):



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

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

2. **Total Gross Cost of Proposed Capital Project/Study:** \$13,348,001

Construction	Consultant/Contractor	Equipment	Other (Specify)
	\$13,348,001		

Project gross cost estimate based on Class 'D' Estimate provided by Ventin Group. Estimated cost for the 2016 budget includes construction/renovation cost of \$11,990,700, plus Architect's services fees and other Client fees such as environmental, geotechnical, etc. The budget was further refined January 2016 to revise the estimated cost to \$13,348,001.

Cost of Proposed Capital Project/Study in 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$816,204	\$816,204	\$816,204	\$816,204	\$816,204	\$4,081,020
Net	\$816,204	\$816,204	\$816,204	\$816,204	\$816,204	\$4,081,020

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.

6. Scheduling and Cost of Project/Study in 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$13,804,256	\$802,743	\$802,743	\$802,743	\$802,743	\$17,015,228
Net	\$600,207	\$802,743	\$802,743	\$802,743	\$802,743	\$3,811,179

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
2017	\$0	\$0	\$0	\$0	\$816,204
2018	\$0	\$0	\$0	\$0	\$816,204
2019	\$0	\$0	\$0	\$0	\$816,204
2020	\$0	\$0	\$0	\$0	\$816,204
2021	\$0	\$0	\$0	\$0	\$816,204
Total	\$0	\$0	\$0	\$0	\$4,081,020

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 of service 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):



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

1. Department / Function: **Property - Administration Building**
Details of Project/Study: **Replace Carpet - Lower Level**

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 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$44,000	\$0	\$0	\$0	\$0	\$44,000
Net	\$0	\$0	\$0	\$0	\$0	\$0

3. Estimated Useful Life: 10 years

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

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

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

The existing carpet is stained and worn in high traffic areas such as entranceways and main hallways. Replacement of the carpet is scheduled, the downstairs was originally scheduled for 2014 and the upper area in 2019 as part of the regular replacement cycle. The ground floor was renovated first, therefore would require replacement first.

The scheduled replacement of the downstairs carpet in 2014 has been now rescheduled for 2017.

6. Scheduling and Cost of Project/Study in 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$0	\$44,000	\$0	\$0	\$0	\$44,000
Net	\$0	\$0	\$0	\$0	\$0	\$0

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

Even with steam cleaning, the present carpet does not clean well. The carpet is becoming worn, especially in high traffic areas, will become more unsightly as the years progress and will require higher maintenance.

8. Identify Sources and Amounts of Funding

	From Reserve - Admin. Property Bldgs. Reserve
2017	\$44,000
2018	\$0
2019	\$0
2020	\$0
2021	\$0
Total	\$44,000

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

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



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

1. Department / Function: **Property - Administration Building**
Details of Project/Study: **Workstation Replacement - Lower Level**

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 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$150,000	\$0	\$0	\$0	\$0	\$150,000
Net	\$0	\$0	\$0	\$0	\$0	\$0

3. Estimated Useful Life: 15+ 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):

Replacement of 44 workstations on the lower level that will be at the end of their useful life in 2015. Installed in 2000 on lower level during renovations of the County Building at that time. Replacement has been moved to 2017.

6. Scheduling and Cost of Project/Study in 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$0	\$150,000	\$0	\$0	\$0	\$150,000
Net	\$0	\$0	\$0	\$0	\$0	\$0

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

Need to upgrade older furniture/workstations with newer, more ergonomic workstations that provide more flexibility in meeting staff needs while also making better use of available space.

8. Identify Sources and Amounts of Funding

	From Reserve - Admin. Property Bldgs. Reserve
2017	\$150,000
2018	\$0
2019	\$0
2020	\$0
2021	\$0
Total	\$150,000

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

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



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

1. **Department / Function:** **Property - Administration Building**
Details of Project/Study: **Replace HVAC units**

2. **Total Gross Cost of Proposed Capital Project/Study:** \$42,000

Construction	Consultant/Contractor	Equipment	Other (Specify)
	\$42,000		

remove 2 existing roof top units and disposal, install two new Carrier rooftop units, economizers fro both units, rework ductwork, rewire

Cost of Proposed Capital Project/Study in 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$26,000	\$0	\$0	\$0	\$0	\$26,000
Net	\$0	\$0	\$0	\$0	\$0	\$0

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):**

2 rooftop systems were replaced in 2016 and an assessment was done on the remaining roof top systems

Assessment in 2016 of roof top units for heat and air conditioning for the administration building identified 2 units that need to be replaced. These units are at the end of their lifespan and have rust and other issues with economizers and heat exchangers. The new units would be more energy efficient and replace wiring to low voltage wiring, rework, water proof and insulate the ductwork.

6. **Scheduling and Cost of Project/Study in 2016-2020 Capital Plan:**

	2016	2017	2018	2019	2020	Total
Gross	\$42,000	\$0	\$0	\$0	\$0	\$42,000
Net	\$0	\$0	\$0	\$0	\$0	\$0

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

Lack or insufficient heat or air conditioning could disrupt operations if the building closed and would affect clients ability to access services.

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

	Taxation	From Reserve - Admin. Property Bldgs. Reserve
2017	\$0	\$26,000
2018	\$0	\$0
2019	\$0	\$0
2020	\$0	\$0
2021	\$0	\$0

Total	\$ 0	\$26,000
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9. Compliance with Council objective/strategic plan (if applicable):

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



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

1. Department / Function: **Property - Administration Building**
Details of Project/Study: **Interlocking Brick and Sidewalk Repairs**

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

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

Cost of Proposed Capital Project/Study in 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$14,000	\$0	\$0	\$0	\$0	\$14,000
Net	\$0	\$0	\$0	\$0	\$0	\$0

3. Estimated Useful Life: 5 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):

Part of ongoing maintenance recommended by Building Condition Assessment 2011.
Repair/upgrades should be completed periodically to prevent deterioration and safety issues.

6. Scheduling and Cost of Project/Study in 2016-2020 Capital Plan: n/a

	2016	2017	2018	2019	2020	Total
Gross	\$0	\$14,000	\$0	\$0	\$0	\$14,000
Net	\$0	\$0	\$0	\$0	\$0	\$0

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

Safety issue, trip hazard and associated liabilities

8. Identify Sources and Amounts of Funding

	From Reserve - Admin. Property Bldgs. Reserve
2017	\$14,000
2018	\$0
2019	\$0
2020	\$0
2021	\$0
Total	\$14,000

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

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



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

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

2. Total Gross Cost of Proposed Capital Project/Study: \$11,000

Construction	Consultant/Contractor	Equipment	Other (Specify)
\$11,000			

Cost of Proposed Capital Project/Study in 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$11,000	\$0	\$0	\$0	\$0	\$11,000
Net	\$0	\$0	\$0	\$0	\$0	\$0

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 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$0	\$11,000	\$0	\$0	\$0	\$11,000
Net	\$0	\$0	\$0	\$0	\$0	\$0

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

Safety issues and associated liability

8. Identify Sources and Amounts of Funding

	From Reserve - Admin. Property Bldgs. Reserve
2017	\$11,000
2018	\$0
2019	\$0
2020	\$0
2021	\$0
Total	\$11,000

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

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



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

1. **Department / Function:** **Property - Administration Building**
Details of Project/Study: **Barrel Windows for Council Chambers**

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

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

Replace 8 roof top windows with tinted energy efficient windows. Replace cracked brick and remove brick and mortar around the windows, seal and caulking replacement. Will consult Union Gas Energy Efficiency Program for any grants available for the project

Cost of Proposed Capital Project/Study in 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$24,000	\$0	\$0	\$0	\$0	\$24,000
Net	\$0	\$0	\$0	\$0	\$0	\$0

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

Windows are past life span, seals compromised, issues with sunlight during meetings, energy efficiency

6. **Scheduling and Cost of Project/Study in 2016-2020 Capital Plan:**

	2016	2017	2018	2019	2020	Total
Gross	\$0	\$0	\$0	\$0	\$0	\$0
Net	\$0	\$0	\$0	\$0	\$0	\$0

7. **Consequences/Implications of Not Undertaking Project (including alternatives):**
 possible leaks into building envelope, heat escaping through windows

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

	From Reserve - Admin Property Bldgs Reserve
2017	\$24,000
2018	\$0
2019	\$0
2020	\$0
2021	\$0
Total	\$24,000

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

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



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

1. **Department / Function:** **Property - Administration Building**
Details of Project/Study: **HVAC system Morrison Building**

2. **Total Gross Cost of Proposed Capital Project/Study:** \$13,500

Construction	Consultant/Contractor	Equipment	Other (Specify)
	\$13,500		

Building is heated and cooled by two mid efficiency natural gas forced air furnaces that are past life span and need replacement. Replace with two 95.5% efficient gas furnace and outdoor A/C units. New sidewall venting out front of building (to bring up to code) new refrigerant tubing and condensate pump and drainage, relocate thermostats

Cost of Proposed Capital Project/Study in 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$13,500	\$0	\$0	\$0	\$0	\$13,500
Net	\$0	\$0	\$0	\$0	\$0	\$0

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

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

Facility Name / Address	Municipality
Morrison Building	City of Owen Sound

5. **Need or Benefit(s) of Project (including safety issues):**
 end of life for furnaces and air conditioners. Costs for maintenance increasing over last few years. Replace with energy efficient systems. Will look into grant programs through Union Gas

6. **Scheduling and Cost of Project/Study in 2016-2020 Capital Plan:**

	2016	2017	2018	2019	2020	Total
Gross	\$0	\$0	\$0	\$0	\$0	\$0
Net	\$0	\$0	\$0	\$0	\$0	\$0

7. **Consequences/Implications of Not Undertaking Project (including alternatives):**
 continue rise in maintenance costs, not meeting current codes

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

	From Reserve - Admin Property Bldgs. Reserve
2017	\$13,500
2018	\$0
2019	\$0
2020	\$0
2021	\$0
Total	\$13,500

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

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



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

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 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$0	\$130,000	\$0	\$0	\$0	\$130,000
Net	\$0	\$0	\$0	\$0	\$0	\$0

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 2016-2020 Capital Plan: replacement recommended in 2013-2017 plan

	2016	2017	2018	2019	2020	Total
Gross	\$0	\$0	\$130,000	\$0	\$0	\$130,000
Net	\$0	\$0	\$0	\$0	\$0	\$0

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 - Admin. Property Bldgs Reserve
2017	\$0
2018	\$130,000
2019	\$0
2020	\$0
2021	\$0
Total	\$130,000

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
Heritage

PROJECT	2016 Approved Budget	2017-2021 Five Year Capital & Extra-Ordinary Expenditures					
		2017	2018	2019	2020	2021	TOTAL
Grey Roots - Capital Improvements to Main Building (BCA) To Reserve - Grey Roots Building Improvements Reserve	101,500	107,000	104,000	122,000	124,000	126,000	583,000
Grey Roots - Capital Improvements to Moreston Village Bldgs To Reserve - Grey Roots - Building Improvements Reserve	33,700	34,400	35,000	35,700	36,400	37,000	178,500
Grey Roots - Heritage Building Reserve To Reserve - Heritage building Reserve	81,500	90,500	109,300	81,100	100,900	105,000	486,800
Grey Roots - Pre-Engineering/Architectural Design Heritage Buildings	20,000	25,000	15,000	30,900	15,000	15,000	100,900
Grey Roots - Grey County Gallery Update	40,000	40,000	40,000	40,000	40,000	40,000	200,000
Grey Roots - Digital Museum / Website From Reserve - Grey Roots General Reserve	30,000					30,000	30,000
To Reserve - Grey Roots General		6,000	6,000	6,000	6,000	(24,000)	(24,000)
							24,000
Grey Roots - Strategic Plan including Marketing/Fundraising/Sponsorship From Reserve - Strategic/Departmental Reviews	30,000					40,000	40,000
To Reserve - Grey Roots General Reserve	(30,000)					(32,000)	(32,000)
		8,000	8,000	8,000	8,000		32,000
Grey Roots - Construct an Orange Lodge Fundraising	225,200 (225,200)	225,200 (225,200)					225,200 (225,200)
Grey Roots - Snowblower	4,000						
Grey Roots - Carpet Replacement Office/Theatre From Reserve - BCA Reserve for Grey Roots				14,353 (14,353)			14,353 (14,353)
Grey Roots - Domestic Water Treatment System Replacement From Reserve - BCA Reserve for Grey Roots				8,202 (8,202)			8,202 (8,202)
Grey Roots - Sanitary Waste Removal System From Reserve - BCA Reserve for Grey Roots				8,202 (8,202)			8,202 (8,202)
Grey Roots - Flat Roof Replacement From Reserve - BCA Reserve for Grey Roots						639,972 (639,972)	639,972 (639,972)
NET LEVY REQUIREMENTS	310,700	310,900	317,300	323,700	330,300	337,000	1,619,200



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

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 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$107,000	\$104,000	\$122,000	\$124,000	\$126,000	\$583,000
Net	\$107,000	\$104,000	\$122,000	\$124,000	\$126,000	\$583,000

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 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$101,500	\$103,600	\$110,000	\$132,500	\$135,200	\$582,800
Net	\$101,500	\$103,600	\$110,000	\$132,500	\$135,200	\$582,800

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
2017	\$107,000	\$0
2018	\$104,000	\$0
2019	\$122,000	\$0
2020	\$124,000	\$0
2021	\$126,000	\$0

Total	\$583,000	\$ 0
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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



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

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 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$34,400	\$35,000	\$35,700	\$36,400	\$37,000	\$178,500
Net	\$34,400	\$35,000	\$35,700	\$36,400	\$37,000	\$178,500

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 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$33,700	\$34,400	\$35,000	\$35,700	\$36,400	\$175,200
Net	\$33,700	\$34,400	\$35,000	\$35,700	\$36,400	\$175,200

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 - Grey Roots - Building Improvements Reserve
2017	\$34,400
2018	\$35,000
2019	\$35,700
2020	\$36,400
2021	\$37,000
Total	\$178,500

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.



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

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 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$90,500	\$109,300	\$81,100	\$100,900	\$105,000	\$486,800
Net	\$90,500	\$109,300	\$81,100	\$100,900	\$105,000	\$486,800

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 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$88,500	\$92,100	\$132,500	\$84,400	\$118,000	\$515,500
Net	\$88,500	\$92,100	\$132,500	\$84,400	\$118,000	\$515,500

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 - Heritage building Reserve
2017	\$90,500
2018	\$109,300
2019	\$81,100
2020	\$100,900
2021	\$105,000
Total	\$486,800

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.



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

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 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$25,000	\$15,000	\$30,900	\$15,000	\$15,000	\$100,900
Net	\$25,000	\$15,000	\$30,900	\$15,000	\$15,000	\$100,900

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 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$20,000	\$25,000	\$0	\$30,900	\$0	\$75,900
Net	\$20,000	\$25,000	\$0	\$30,900	\$0	\$75,900

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
2017	\$25,000
2018	\$15,000
2019	\$30,900
2020	\$15,000
2021	\$15,000
Total	\$100,900

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.



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

1. Department / Function: **Heritage**

Details of Project/Study: **Grey Roots - Grey County Gallery Update**

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 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$40,000	\$40,000	\$40,000	\$40,000	\$40,000	\$200,000
Net	\$40,000	\$40,000	\$40,000	\$40,000	\$40,000	\$200,000

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 2016 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 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$40,000	\$40,000	\$40,000	\$40,000	\$40,000	\$200,000
Net	\$40,000	\$40,000	\$40,000	\$40,000	\$40,000	\$200,000

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	To Reserve - Gallery Update	From Reserve - Grey Roots General Reserve
2017	\$40,000	\$0	\$0
2018	\$40,000	\$0	\$0
2019	\$40,000	\$0	\$0
2020	\$40,000	\$0	\$0
2021	\$40,000	\$0	\$0

Total	\$200,000	\$ 0	\$ 0
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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 2016 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.



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

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 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$6,000	\$6,000	\$6,000	\$6,000	\$30,000	\$54,000
Net	\$6,000	\$6,000	\$6,000	\$6,000	\$6,000	\$30,000

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 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$30,000	\$22,500	\$6,000	\$6,000	\$6,000	\$70,500
Net	\$30,000	\$22,500	\$6,000	\$6,000	\$6,000	\$70,500

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 General Reserve
2017	\$0	\$6,000	\$0	\$0
2018	\$0	\$6,000	\$0	\$0
2019	\$0	\$6,000	\$0	\$0

2020	\$0	\$6,000	\$0	\$0
2021	\$6,000	\$0	\$0	\$24,000
Total	\$6,000	\$24,000	\$0	\$24,000

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. The transfers to reserve may need to be adjusted in future capital forecasts pending the costs incurred in 2016.



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

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 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$8,000	\$8,000	\$8,000	\$8,000	\$40,000	\$72,000
Net	\$8,000	\$8,000	\$8,000	\$8,000	\$8,000	\$40,000

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 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$30,000	\$6,000	\$6,000	\$6,000	\$6,000	\$54,000
Net	\$0	\$6,000	\$6,000	\$6,000	\$6,000	\$24,000

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 - Strategic/Departmental Reviews	To Reserve - Grey Roots General Reserve	Taxation
2017	\$0	\$8,000	\$0
2018	\$0	\$8,000	\$0
2019	\$0	\$8,000	\$0
2020	\$0	\$8,000	\$0
2021	\$32,000	\$0	\$8,000
Total	\$32,000	\$32,000	\$8,000

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.



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

1. Department / Function: **Heritage**

Details of Project/Study: **Grey Roots - Construct an Orange Lodge**

2. Total Gross Cost of Proposed Capital Project/Study: \$225,200

Construction	Consultant/Contractor	Equipment	Other (Specify)
\$225,200			

Cost of Proposed Capital Project/Study in 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$225,200	\$0	\$0	\$0	\$0	\$225,200
Net	\$0	\$0	\$0	\$0	\$0	\$0

3. Estimated Useful Life: Life of building

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):

The County was approached by a group from the community wanting to fund the entire cost of building a replica of an Orange Lodge at Grey Roots. The Orange Order played a significant role in the history of Canada, and Ontario specifically, being referred to as the "hub of the Empire". The earliest Canadian Orange Lodges were established in 1812. Grey County had 78 Orange Lodges. Interpretive uses of the Orange Lodge: to tell the story of the history of Orangeism as both the larger picture and the Grey County story, the building could also be used as a potential meeting space for both staff and outside groups, and for educational programming for school groups.

6. Scheduling and Cost of Project/Study in 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$225,200	\$0	\$0	\$0	\$0	\$225,200
Net	\$0	\$0	\$0	\$0	\$0	\$0

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

The addition of more period buildings will add to the visitors experience at Grey Roots, not proceeding could result in some loss of support in the community.

8. Identify Sources and Amounts of Funding

	Fundraising
2017	\$225,200
2018	\$0
2019	\$0
2020	\$0
2021	\$0
Total	\$225,200

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 be need to be included in the levy. There may be additional staff costs based on how the building is interpreted.



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

1. Department / Function: **Heritage**

Details of Project/Study: **Grey Roots - Carpet Replacement Office/Theatre**

2. Total Gross Cost of Proposed Capital Project/Study: \$14,353

Construction	Consultant/Contractor	Equipment	Other (Specify)
	\$14,353		

Cost of Proposed Capital Project/Study in 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$0	\$0	\$14,353	\$0	\$0	\$14,353
Net	\$0	\$0	\$0	\$0	\$0	\$0

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 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$0	\$0	\$0	\$0	\$0	\$0
Net	\$0	\$0	\$0	\$0	\$0	\$0

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 - BCA Reserve for Grey Roots
2017	\$0
2018	\$0
2019	\$14,353
2020	\$0
2021	\$0
Total	\$14,353

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.



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

1. Department / Function: Heritage

Details of Project/Study: Grey Roots - Domestic Water Treatment System Replacement

2. Total Gross Cost of Proposed Capital Project/Study: \$8,202

Construction	Consultant/Contractor	Equipment	Other (Specify)
		\$8,202	

Cost of Proposed Capital Project/Study in 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$0	\$0	\$8,202	\$0	\$0	\$8,202
Net	\$0	\$0	\$0	\$0	\$0	\$0

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 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$0	\$0	\$0	\$0	\$0	\$0
Net	\$0	\$0	\$0	\$0	\$0	\$0

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 - BCA Reserve for Grey Roots
2017	\$0
2018	\$0
2019	\$8,202
2020	\$0
2021	\$0
Total	\$8,202

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.



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

1. Department / Function: **Heritage**

Details of Project/Study: **Grey Roots - Sanitary Waste Removal System**

2. Total Gross Cost of Proposed Capital Project/Study: \$8,202

Construction	Consultant/Contractor	Equipment	Other (Specify)
	\$8,202		

Cost of Proposed Capital Project/Study in 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$0	\$0	\$8,202	\$0	\$0	\$8,202
Net	\$0	\$0	\$0	\$0	\$0	\$0

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 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$0	\$0	\$0	\$0	\$0	\$0
Net	\$0	\$0	\$0	\$0	\$0	\$0

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 - BCA Reserve for Grey Roots
2017	\$0
2018	\$0
2019	\$8,202
2020	\$0
2021	\$0
Total	\$8,202

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.



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

1. Department / Function: **Heritage**

Details of Project/Study: **Grey Roots - Flat Roof Replacement**

2. Total Gross Cost of Proposed Capital Project/Study: \$639,972

Construction	Consultant/Contractor	Equipment	Other (Specify)
	\$639,972		

Cost of Proposed Capital Project/Study in 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$0	\$0	\$0	\$0	\$639,972	\$639,972
Net	\$0	\$0	\$0	\$0	\$0	\$0

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 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$0	\$0	\$0	\$0	\$0	\$0
Net	\$0	\$0	\$0	\$0	\$0	\$0

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 - BCA Reserve for Grey Roots
2017	\$0
2018	\$0
2019	\$0
2020	\$0
2021	\$639,972
Total	\$639,972

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 Trails

PROJECT	2016 Approved Budget	2017-2021 Five Year Capital & Extra-Ordinary Expenditures					
		2017	2018	2019	2020	2021	TOTAL
Transfer to Trails Reserve for Future Needs							
To Reserve - Trails Reserve	50,000	50,000	50,000	50,000	50,000	50,000	250,000
Culvert/Bridge Assessment Update	40,000					45,000	45,000
From Reserve - Trails Reserve	(40,000)					(45,000)	(45,000)
Replacement of Culvert #74 on CP Rail Trail	60,000						
From Reserve - Trails Reserve	(60,000)						
Replacement of Culvert #23 on CP Rail Trail		70,000					70,000
From Reserve - Trails Reserve		(70,000)					(70,000)
Replacement of Bridge #63 on CP Rail Trail			193,000				193,000
From Reserve - Trails Reserve			(193,000)				(193,000)
Replacement of Culvert #75 on CP Rail Trail				50,000			50,000
From Reserve - Trails Reserve				(50,000)			(50,000)
Replacement/Repair of Culvert #56 on CP Rail Trail					60,000		60,000
From Reserve - Trails Reserve					(60,000)		(60,000)
Replacement of Culvert #36 on CP Rail Trail						90,000	90,000
From Reserve - Trails Reserve						(90,000)	(90,000)
NET LEVY REQUIREMENTS	50,000	50,000	50,000	50,000	50,000	50,000	250,000



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

1. Department / Function: Trails

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

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

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

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

Cost of Proposed Capital Project/Study in 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$250,000
Net	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$250,000

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 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$250,000
Net	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$250,000

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
2017	\$50,000
2018	\$50,000
2019	\$50,000
2020	\$50,000
2021	\$50,000
Total	\$250,000

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.



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

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 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$0	\$0	\$0	\$0	\$45,000	\$45,000
Net	\$0	\$0	\$0	\$0	\$0	\$0

3. Estimated Useful Life: Updated every 5 years

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

Facility Name / Address	Municipality
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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 2011. 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 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$40,000	\$0	\$0	\$0	\$0	\$40,000
Net	\$0	\$0	\$0	\$0	\$0	\$0

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 - Trails Reserve
2017	\$0
2018	\$0
2019	\$0
2020	\$0
2021	\$45,000
Total	\$45,000

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 will be 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.



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

1. Department / Function: Trails

Details of Project/Study: **Replacement of Culvert #16 on CP Rail Trail**

2. Total Gross Cost of Proposed Capital Project/Study: \$0

Construction	Consultant/Contractor	Equipment	Other (Specify)
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Replacement of Culvert #16 on CP Rail Trail south of Massie Road as identified in the 2011 culvert and bridge inspection.

Culvert #16 budgeted for 2016 was determined that the structure that exists at this location is not a culvert, but what is believed to be an old water refill station. As per PCD55-16 and endorsed by County Council CC46-16, this approved budgeted reserve funding is to be used to fund the replacement of Culvert #74 in 2016.

Cost of Proposed Capital Project/Study in 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$0	\$0	\$0	\$0	\$0	\$0
Net	\$0	\$0	\$0	\$0	\$0	\$0

3. Estimated Useful Life: 50 years

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

Facility Name / Address	Municipality
Culvert #16 1km south of Massie Road	Township of Chatsworth

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

As identified in the 2011 culvert inspection the timber box culvert is generally in fair to poor condition. The west end of the culvert has collapsed. The east end of the structure is fully covered with vegetative growth. It was recommended that this structure be replaced.

6. Scheduling and Cost of Project/Study in 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$60,000	\$0	\$0	\$0	\$0	\$60,000
Net	\$0	\$0	\$0	\$0	\$0	\$0

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 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
2017	\$0
2018	\$0
2019	\$0
2020	\$0
2021	\$0

Total	\$ 0
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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.

MUNICIPAL CULVERT APPRAISAL

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Run: DEC 20,2011 12:24PM

INSPECTION NOTES

Culvert No.: 16

Culvert No. 16, CP Rail Trail, 1.0 km South of Massie Road, County of Grey:

- Structure is not posted with a load limit.
- 1.8 m+/- single span timber box culvert with 0.6 m+/- of earth fill and a gravel roadway.
- No traffic protection has been provided.
- Gravel roadway over the structure and on the approaches is in generally good condition with minor wheel track rutting.
- Timber box culvert is generally in fair to poor condition. The west end of the culvert has collapsed. The east end of the structure is fully covered with vegetative growth.
- Vegetative roadway embankments are in generally condition with extensive vegetative growth.
- Watercourse is unable to pass through the barrel as it has collapse at the west end.
- No serious evidence of structural distress noted on the roadway above.
- Should replace culvert. The culvert replacement could be deferred for 3-5 years.

L. HISTORY/ GENERAL

Culvert No.: 16

MUNICIPAL CULVERT APPRAISAL

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Run: DEC 20,2011 12:24PM



Comments: LOOKING NORTH AT ROADWAY OVER CULVERT

Culvert No.: 16

Path: E:\WorkTech Data\Grey\2011 Photos\Rail Trail\P1330328.jpg



Comments: EAST ELEVATION

Culvert No.: 16

Path: E:\WorkTech Data\Grey\2011 Photos\Rail Trail\P1330326.jpg

MUNICIPAL CULVERT APPRAISAL

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Run: DEC 20,2011 12:24PM



Comments: WIDE SPLITTING ON TIMBER CULVERT

Culvert No.: 16

Path: E:\WorkTech Data\Grey\2011 Photos\Rail Trail\P1330327.jpg

Comments:

Culvert No.: 16

Path:



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

1. Department / Function: Trails

Details of Project/Study: **Replacement of Culvert #74 on CP Rail Trail**

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

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

Replacement of Culvert #74 on CP Rail Trail - south of Southgate Road. Budgeted in 2016-2020 Capital Plan for replacement in 2017. Culvert #16 budgeted for 2016 was determined that the structure that exists at this location is not a culvert, but what is believed to be an old water refill station. As per PCD55-16 and endorsed by County Council CC46-16, this approved budgeted reserve funding is to be used to fund the replacement of Culvert #74 in 2016.

Cost of Proposed Capital Project/Study in 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$0	\$0	\$0	\$0	\$0	\$0
Net	\$0	\$0	\$0	\$0	\$0	\$0

3. Estimated Useful Life: 50 years

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

Facility Name / Address	Municipality
Culvert #74 1.5km south of Southgate Road	Township of Southgate

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

As identified in the 2011 culvert inspection the corrugated steel round pipe culverts are in poor condition with severe corrosion and perforations of the invert. It was recommended that the culvert be replaced. The proposal is to move ahead with Culvert 74 in 2016 as opposed to 2017 as a result of the former Culvert 16 being identified as a possible water refill station.

6. Scheduling and Cost of Project/Study in 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$0	\$75,000	\$0	\$0	\$0	\$75,000
Net	\$0	\$0	\$0	\$0	\$0	\$0

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 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
2017	\$0
2018	\$0
2019	\$0
2020	\$0

2021	\$0
Total	\$0

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.

MUNICIPAL CULVERT APPRAISAL

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Run: DEC 20,2011 12:24PM

INSPECTION NOTES

Culvert No.: 74

Culvert No. 74, CP Rail Trail, 0.5 km South of Southgate Road, County of Grey:

- Structure is not posted with a load limit.
- Two span (0.8 m+/- each) corrugated steel plate round pipe culverts with 3.2 m+/- of earth fill and a gravel roadway.
- No traffic protection has been provided.
- Gravel roadway over the structure and on the approaches is in good condition.
- Corrugated steel round pipe culverts are in poor condition with severe corrosion and perforations of the invert.
- Vegetative roadway embankments are in generally good condition.
- No traffic protection is provided over the structure or the approaches.
- Watercourse is unobstructed with no evidence of scour.
- No serious evidence of structural distress.
- Structure does not require posting with a load limit.
- Should replace culvert. The culvert replacement could be deferred for 3-5 years.

L. HISTORY/ GENERAL

Culvert No.: 74

MUNICIPAL CULVERT APPRAISAL

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Comments: LOOKING SOUTH AT ROADWAY OVER CULVERT

Culvert No.: 74

Path: E:\WorkTech Data\Grey\2011 Photos\Rail Trail\P1330566.jpg



Comments: WEST ELEVATION

Culvert No.: 74

Path: E:\WorkTech Data\Grey\2011 Photos\Rail Trail\P1330568.jpg

MUNICIPAL CULVERT APPRAISAL

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Run: DEC 20,2011 12:24PM



Comments: PERFORATION AT EAST END OF NORTH BARREL INVERT

Culvert No.: 74

Path: E:\WorkTech Data\Grey\2011 Photos\Rail Trail\VP1330567.jpg

Comments:

Culvert No.: 74

Path:



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

1. Department / Function: Trails

Details of Project/Study: **Replacement of Culvert #23 on CP Rail Trail**

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

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

Replacement of Culvert #23 on CP Rail Trail-south of Elder Lane as identified in the 2011 culvert and bridge inspection.

Cost of Proposed Capital Project/Study in 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$70,000	\$0	\$0	\$0	\$0	\$70,000
Net	\$0	\$0	\$0	\$0	\$0	\$0

3. Estimated Useful Life: 50 years

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

Facility Name / Address	Municipality
0.75 km south of Elder Lane	Township of Chatsworth

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

This culvert was identified as a priority for repair/replacement in the 2011 culvert/bridge inspection. The masonry rigid frame culvert is in poor condition with minor loss of mortar along the barrel walls and soffit. There is an extremely wide crack along the barrel soffit which has been reinforced in the past by steel shoring. There is also minor loss of mortar and minor cracking in the headwalls and wingwalls. It was recommended that the culvert be replaced. The proposal is to move this project from 2018 to 2017 as the previous Culvert 16 project is proposed to be replaced by Culvert 74 in 2016 and Culvert 74 was the previous proposed 2017 project.

6. Scheduling and Cost of Project/Study in 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$0	\$0	\$70,000	\$0	\$0	\$70,000
Net	\$0	\$0	\$0	\$0	\$0	\$0

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 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 - Federal Gas Tax	From Reserve - Trails Reserve
2017	\$0	\$70,000
2018	\$0	\$0
2019	\$0	\$0
2020	\$0	\$0

2021	\$0	\$0
Total	\$0	\$70,000

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.

MUNICIPAL CULVERT APPRAISAL

Page: 4

Run: DEC 9,2011 3:23PM



Comments: LOOKING SOUTH AT ROADWAY OVER CULVERT

Culvert No.: 23

Path: E:\WorkTech Data\Grey\2011 Photos\Rail Trail\P1330374.jpg



Comments: EAST ELEVATION

Culvert No.: 23

Path: E:\WorkTech Data\Grey\2011 Photos\Rail Trail\P1330362.jpg

MUNICIPAL CULVERT APPRAISAL

Page: 5

Run: DEC 9,2011 3:23PM



Comments: STEEL SHORING AT BARREL MIDSPAN

Culvert No.: 23

Path: E:\WorkTech Data\Grey\2011 Photos\Rail Trail\P1330363.jpg



Comments: WIDE CRACK ON BARREL SOFFIT

Culvert No.: 23

Path: E:\WorkTech Data\Grey\2011 Photos\Rail Trail\P1330364.jpg

MUNICIPAL CULVERT APPRAISAL

Page: 6

Run: DEC 9,2011 3:23PM



Comments: LOSS OF MORTAR ON WINGWALL

Culvert No.: 23

Path: E:\WorkTech Data\Grey\2011 Photos\Rail Trail\VP1330365.jpg

Comments:

Culvert No.: 23

Path:



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

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: \$193,000

Construction	Consultant/Contractor	Equipment	Other (Specify)
	\$193,000		

Cost of Proposed Capital Project/Study in 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$0	\$193,000	\$0	\$0	\$0	\$193,000
Net	\$0	\$0	\$0	\$0	\$0	\$0

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 2011 culvert/bridge inspection. The concrete abutments are in poor condition with extensive wide horizontal and vertical cracks, severe scaling at the high water mark and light to severe spalling. Concrete wingwalls are in fair to generally good condition with localized severe scaling and minor outward rotation. It is recommended that the structure be replaced. The proposal is to move ahead with this project in 2018 instead of 2019 as a result of the projects being shifted by the former Culvert 16.

6. Scheduling and Cost of Project/Study in 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$0	\$0	\$0	\$193,000	\$0	\$193,000
Net	\$0	\$0	\$0	\$0	\$0	\$0

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
2017	\$0
2018	\$193,000
2019	\$0
2020	\$0
2021	\$0
Total	\$193,000

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.

MUNICIPAL BRIDGE APPRAISAL

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Run: DEC 20,2011 12:20PM

INSPECTION NOTES

Bridge No.: 63

Bridge No. 63, CP Rail Trail, 0.5 km South of Road 170, County of Grey:

- Structure is not posted with a load limit.
- 1.2 m+/- single span concrete cast-in-place solid slab structure with 0.3m +/- of earth fill and a gravel roadway surface.
- Gravel roadway over the structure and on the approaches is in generally good condition with minor vegetative growth.
- Vegetative roadway embankments are in generally good condition.
- Concrete soffit is in generally good condition with light scaling, wide cracks noted at the barrel end and narrow stained map cracking (1m², poor).
- Concrete abutments are in poor condition with extensive wide horizontal and vertical cracks, severe scaling at the high water mark and light to severe spalling (12m², poor).
- Concrete wingwalls are in fair to generally good condition with localized severe scaling and minor outward rotation (2m², poor).
- No traffic protection is provided over the structure or the approaches.
- Watercourse is unobstructed with no evidence of scour.
- Structure does not require posting with a load limit.
- Should replace structure.

L. HISTORY/ GENERAL

Bridge No.: 63

MUNICIPAL BRIDGE APPRAISAL

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Comments: LOOKING NORTH AT BRIDGE

Bridge No.: 63

Path: E:\WorkTech Data\Grey\2011 Photos\Rail Trail\P1330512.jpg



Comments: TYPICAL SOFFIT

Bridge No.: 63

Path: E:\WorkTech Data\Grey\2011 Photos\Rail Trail\P1330524.jpg

MUNICIPAL BRIDGE APPRAISAL

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Comments: SEVERE SCALING OF WINGWALL

Bridge No.: 63

Path: E:\WorkTech Data\Grey\2011 Photos\Rail Trail\P1330513.jpg



Comments: WIDE CRACK ON SOFFIT

Bridge No.: 63

Path: E:\WorkTech Data\Grey\2011 Photos\Rail Trail\P1330514.jpg

MUNICIPAL BRIDGE APPRAISAL

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Comments: NORTH ABUTMENT

Bridge No.: 63

Path: E:\WorkTech Data\Grey\2011 Photos\Rail Trail\P1330515.jpg



Comments: SOUTH ABUTMENT

Bridge No.: 63

Path: E:\WorkTech Data\Grey\2011 Photos\Rail Trail\P1330516.jpg



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

1. Department / Function: Trails

Details of Project/Study: **Replacement of Culvert #75 on CP Rail Trail**

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

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

Replacement of Culvert #75 on CP Rail Trail 0.5km South of Southgate Road 24

Cost of Proposed Capital Project/Study in 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$0	\$0	\$50,000	\$0	\$0	\$50,000
Net	\$0	\$0	\$0	\$0	\$0	\$0

3. Estimated Useful Life: 50 years

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

Facility Name / Address	Municipality
Culvert #75 0.5km south of Southgate Road 24	Township of Southgate

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

As identified in the 2011 culvert inspection report the precast concrete round pipe units are in poor condition and have displaced. The concrete headwalls are in generally good to fair condition with a section missing at the culvert inlet. It was recommended that this structure be replaced. The proposal is to move forward with this project in 2019 instead of 2020 as a result of the shift in projects based on the former Culvert 16.

6. Scheduling and Cost of Project/Study in 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$0	\$0	\$0	\$0	\$50,000	\$50,000
Net	\$0	\$0	\$0	\$0	\$0	\$0

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
2017	\$0
2018	\$0
2019	\$50,000
2020	\$0
2021	\$0
Total	\$50,000

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.

MUNICIPAL CULVERT APPRAISAL

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A. IDENTIFICATION

Culvert Name:		Culvert No.:	75
Road Name:	CP RAIL TRAIL	Road Section No.	
Location:	0.50 KM S OF SOUTHGATE ROAD 24	MTO Site No.:	
Roadside Env.:	R	Posting Sign:	t t t
Posting:	t t t	Low Clearnc Sign:	Narrow Structure Sign:
Bylaw No.:		Easting:	17 0545119
Bylaw Exp. Date:		Northing:	4892162
		Crossing Type:	O-WAT, Over Water
		Federal Nav. Waterway:	Unknown
		Culvert Value:	\$214,000
		Old ID:	

B. RAILWAY OVERPASS/UNDERPASS

Railway Level Crossing Number:		Original Board Order Number:	
Railway Company:		Date:	
Railway Subdivision:		Current Board Order Number:	
Subdivision Mileage:		Date:	
Transport Canada Crossing No.:		Seniority:	
Number of Tracks:			

C. JURISDICTION

Owner:	47000	Special Designation:		Local / Area Municipality (Upper Tier Only)
Owner Share:	100.00 %	Designation 2		MunicA 47101
<input type="checkbox"/> Shared?		Adjacent Culvert No.:		MunicB 00000
Shared With:				Patrol: Even Year
Heritage Status:	R			

D. EXISTING CONDITIONS

Year Construted:	1908	Cell/Span Wdth/Dia.:	0.9 m	End Treatment:	A B C D
Year Extended:		Total Width/Dia:	2.3 m	Upstream:	H
Material/ Type:	CST - PR	Max Height:	0.9 m	Downstream:	H
Crossing Skew:	00 °	Length:	9.6 m	Soil Condition:	U
No of Cells/Spans:	1	Type/Depth of Fill: E	1.4 m	Foundation Type:	UN - Unknown
		Culvert Floor:	SC		
----- ROAD OVER CULVERT -----					
Existing Road Class:	100	Platform Width:	3.1 m	Safety Curb/	(A) N / E 0.0 m
Operational Status:	2W - CVT	Surface Width:	2.6 m	Sidewalk and Curb	(B) N / W 0.0 m
Surface Type:	G	No. of Lanes:	1.0	Roadside Safety:	(A) E NO
					(B) W NO
----- ROAD THROUGH CULVERT -----					
Existing Road Class:		No. of Lanes:		Traffic Barrier:	
Operational Status:	-	Median Type/Width:		Min Vertical Clearance:	m
Opening Width:	m	Safety Curb/	/ m		
Surface Width:	m	Sidewalk and Curb	/ m		

E. TRAFFIC DATA

Legal Speed Limit:		<u>Traffic Count</u>		<u>10 Year Traffic Forecast</u>	
Route Designations		Year:	0	Year:	10
<input type="checkbox"/> Bus <input type="checkbox"/> Truck Route		AADT:		AADT:	
<input type="checkbox"/> School <input type="checkbox"/> Bicycle		DHV Factor:	%	DHV Factor:	%
		DHV:	vph	DHV:	vph
		Trucks:	%	Trucks:	%
Source:		Peak Directional Split:	%	Capacity:	0 vph
Culvert 75 Asset Master		10 Year Growth Factor:		20 Year AADT:	0

F. INSPECTIONS

Date:	7/28/2011	Inspected By:	Dane Kelly	Approved By:	D. Baxter, P.Eng.
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Municipality: County of Grey

Culvert No.: 75

MUNICIPAL CULVERT APPRAISAL

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G. CULVERT NEEDS

Field	MCR	PCR	TON	Comments
Barrel	4	3	1-5	
Foundations	3	3	1-5	
Guiderail/Barrier	0	0	ADEQ	
Inlet Component	4	4	1-5	
Outlet Component	5	5	6-10	
Streams/Waterways	6	6	ADEQ	

H. FUNCTIONAL NEEDS

Field	Existing	Min Tolerable	Time of Need	Comments
RO-Platform Width	3.1	3.0	ADEQ	Road Class: 100, Safety Curb: 0
RO-Level of Service	A	E	ADEQ	
RO-Roadside Safety	2.3	3	ADEQ	

Recommended Needs

Impr.Class	Improvement	Description	Time of Need	Year	Base/Const Cost	Eng/Cont	Total
Const	cREC	Remove existing culvert	NOW	0	30,000	9,000	39,000
Const	cRSL	Replace culvert, same location	NOW	0	50,000	15,000	65,000
			Const	Subtotal:	80,000	24,000	104,000
Const Extra	ccAPP	Approaches	NOW	0	40,000	12,000	52,000
Const Extra	ccENV	Environmnetal Study	NOW	0	20,000	0	20,000
			Const Extra	Subtotal:	60,000	12,000	72,000

I. ENGINEERING RECOMMENDATIONS

Culvert Drawings:
 Estimated Posting: t
 Evaluated Posting: t t t
 Closure Date/Type:
 Closure Type:
 Monitoring:
 Monitoring Component:

J. DESIGN PARAMETERS

Design Class: RLLU
 Design Platform Width: 3.1
 Material/Type: CPS - PR
 Width/Diameter: 1.2
 Maximum Height: 1.2
 Culvert Length: 10.0
 No. of Culverts: 1
 Depth of Fill: 1.4

K. IMPROVEMENT COSTS

Total Construction/Rehab 176,000
 Total Inspection 0
 TOTAL 176,000
 47000 share @ 100% 176,000

MUNICIPAL CULVERT APPRAISAL

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INSPECTION NOTES

Culvert No.: 75

Culvert No. 75, CP Rail Trail, 0.5 km South of Southgate Road 24, County of Grey:

- Structure is not posted with a load limit.
- 0.9 m+/- single span corrugated steel plate round pipe culvert with a precast concrete round pipe culvert extension with 1.4 m+/- of earth fill and a gravel roadway.
- Gravel roadway over the structure and on the approaches is in good condition.
- No traffic protection is provided over the structure or the approaches.
- Vegetative roadway embankments are in good condition.
- Corrugated steel plate round culvert is in generally good condition with light corrosion.
- Precast concrete round pipe units are in poor condition and have displaced.
- Concrete headwalls are in generally good to fair condition with a section missing at the culvert inlet.
- Watercourse is unobstructed with no evidence of scour.
- No serious evidence of structural distress.
- Structure does not require posting with a load limit.
- Should replace culvert. The culvert replacement could be deferred for 3-5 years.

L. HISTORY/ GENERAL

Culvert No.: 75

MUNICIPAL CULVERT APPRAISAL

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Comments: LOOKING SOUTH AT ROADWAY OVER CULVERT

Culvert No.: 75

Path: E:\WorkTech Data\Grey\2011 Photos\Rail Trail\P1330575.jpg



Comments: WEST ELEVATION

Culvert No.: 75

Path: E:\WorkTech Data\Grey\2011 Photos\Rail Trail\P1330569.jpg

MUNICIPAL CULVERT APPRAISAL

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Run: DEC 20,2011 12:24PM



Comments: LIGHT CORROSION OF BARREL AT HIGH WATER LEVEL

Culvert No.: 75

Path: E:\WorkTech Data\Grey\2011 Photos\Rail Trail\P1330571.jpg



Comments: MISSING SECTION OF INLET HEADWALL

Culvert No.: 75

Path: E:\WorkTech Data\Grey\2011 Photos\Rail Trail\P1330573.jpg

MUNICIPAL CULVERT APPRAISAL

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Comments: SEPARATION OF PRECAST CONCRETE UNITS

Culvert No.: 75

Path: E:\WorkTech Data\Grey\2011 Photos\Rail Trail\VP1330574.jpg

Comments:

Culvert No.: 75

Path:



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

1. Department / Function: Trails

Details of Project/Study: **Replacement/Repair of Culvert #56 on CP Rail Trail**

2. Total Gross Cost of Proposed Capital Project/Study: \$60,000

Construction	Consultant/Contractor	Equipment	Other (Specify)
\$60,000			

Replacement/repair of Culvert#56 on the CP Rail Trail - located 0.2km south of Road 140

Cost of Proposed Capital Project/Study in 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$0	\$0	\$0	\$60,000	\$0	\$60,000
Net	\$0	\$0	\$0	\$0	\$0	\$0

3. Estimated Useful Life: 50 years

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

Facility Name / Address	Municipality
Culvert#56 0.2km south of Road 140	Municipality of Grey Highlands

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

As identified in the 2011 Culvert Assessment Report the cast-in-place concrete arch culvert is in generally fair condition with extensive severe scouring along the base of the barrel walls and numerous wide cracks. The concrete inlet and outlet headwalls are in generally fair to poor condition with forward rotation and extensive cracking. It was recommended that at a minimum the barrel and the headwalls should be repaired. Just prior to 2020, staff will inspect the culvert to determine whether the culvert should be replaced or repaired at that time.

6. Scheduling and Cost of Project/Study in 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$0	\$0	\$0	\$0	\$0	\$0
Net	\$0	\$0	\$0	\$0	\$0	\$0

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

If this culvert is not replaced, trail user safety could be compromised and this section of the 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
2017	\$0
2018	\$0
2019	\$0
2020	\$60,000
2021	\$0
Total	\$60,000

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 recreational 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 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.

MUNICIPAL CULVERT APPRAISAL

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Run: DEC 20,2011 12:24PM

A. IDENTIFICATION

Culvert Name:		Culvert No.:	56
Road Name:	CP RAIL TRAIL	Road Section No.	
Location:	0.20 KM S OF ROAD 140	MTO Site No.:	
Roadside Env.:	R	Posting Sign:	t t t
Posting:	t t t	Low Clearnc Sign:	Narrow Structure Sign:
Bylaw No.:		Easting:	17 0533206
Bylaw Exp. Date:		Northing:	4900235
		Crossing Type:	O-WAT, Over Water
		Federal Nav. Waterway:	Unknown
		Culvert Value:	\$280,000
		Old ID:	

B. RAILWAY OVERPASS/UNDERPASS

Railway Level Crossing Number:		Original Board Order Number:	
Railway Company:		Date:	
Railway Subdivision:		Current Board Order Number:	
Subdivision Mileage:		Date:	
Transport Canada Crossing No.:		Seniority:	
Number of Tracks:			

C. JURISDICTION

Owner:	47000	Special Designation:		Local / Area Municipality (Upper Tier Only)
Owner Share:	100.00 %	Designation 2		MunicA 47101
<input type="checkbox"/> Shared?		Adjacent Culvert No.:		MunicB 00000
Shared With:				Patrol: Even Year
Heritage Status:	R			

D. EXISTING CONDITIONS

Year Construted:	1908	Cell/Span Wdth/Dia.:	1.1 m	End Treatment:	A B C D
Year Extended:		Total Width/Dia:	1.1 m	Upstream:	H
Material/ Type:	CPR - ACH	Max Height:	1.0 m	Downstream:	H
Crossing Skew:	25 °	Length:	13.3 m	Soil Condition:	U
No of Cells/Spans:	1	Type/Depth of Fill: E	1.8 m	Foundation Type:	UN - Unknown
		Culvert Floor:	SC		
----- ROAD OVER CULVERT -----					
Existing Road Class:	100	Platform Width:	3.4 m	Safety Curb/	(A) N / E 0.0 m
Operational Status:	2W - CVT	Surface Width:	2.7 m	Sidewalk and Curb	(B) N / W 0.0 m
Surface Type:	G	No. of Lanes:	1.0	Roadside Safety:	(A) E NO
					(B) W NO
----- ROAD THROUGH CULVERT -----					
Existing Road Class:		No. of Lanes:		Traffic Barrier:	
Operational Status:	-	Median Type/Width:		Min Vertical Clearance:	m
Opening Width:	m	Safety Curb/	/ m		
Surface Width:	m	Sidewalk and Curb	/ m		

E. TRAFFIC DATA

Legal Speed Limit:		<u>Traffic Count</u>		<u>10 Year Traffic Forecast</u>	
Route Designations		Year:	0	Year:	10
<input type="checkbox"/> Bus <input type="checkbox"/> Truck Route		AADT:		AADT:	
<input type="checkbox"/> School <input type="checkbox"/> Bicycle		DHV Factor:	%	DHV Factor:	%
		DHV:	vph	DHV:	vph
		Trucks:	%	Trucks:	%
Source:		Peak Directional Split:	%	Capacity:	0 vph
Culvert 56 Asset Master		10 Year Growth Factor:		20 Year AADT:	0

F. INSPECTIONS

Date:	7/28/2011	Inspected By:	Dane Kelly	Approved By:	D. Baxter, P.Eng.
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Municipality: County of Grey

Culvert No.: 56

MUNICIPAL CULVERT APPRAISAL

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G. CULVERT NEEDS

Field	MCR	PCR	TON	Comments
Barrel	3	5	1-5	
Foundations	5	6	6-10	
Guiderail/Barrier	0	0	ADEQ	
Inlet Component	3	4	1-5	
Outlet Component	3	4	1-5	
Streams/Waterways	6	6	ADEQ	

H. FUNCTIONAL NEEDS

Field	Existing	Min Tolerable	Time of Need	Comments
RO-Platform Width	3.4	3.0	ADEQ	Road Class: 100, Safety Curb: 0
RO-Level of Service	A	E	ADEQ	
RO-Roadside Safety	2.8	3	ADEQ	

Recommended Needs

Impr.Class	Improvement	Description	Time of Need	Year	Base/Const Cost	Eng/Cont	Total
Rehab	cCR	Concrete Repairs	1-5	0	20,000	6,000	26,000
Rehab	cRIO	Rehabilitate Inlet/Outlet Treatments	1-5	0	24,000	7,000	31,000
			Rehab	Subtotal:	44,000	13,000	57,000

I. ENGINEERING RECOMMENDATIONS

Culvert Drawings:
 Estimated Posting: t
 Evaluated Posting: t t t
 Closure Date/Type:
 Closure Type:
 Monitoring:
 Monitoring Component:

J. DESIGN PARAMETERS

Design Class:
 Design Platform Width:
 Material/Type: -
 Width/Diameter:
 Maximum Height:
 Culvert Length:
 No. of Culverts:
 Depth of Fill:

K. IMPROVEMENT COSTS

Total Construction/Rehab	57,000
Total Inspection	0
TOTAL	57,000
47000 share @100%	57,000

MUNICIPAL CULVERT APPRAISAL

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INSPECTION NOTES

Culvert No.: 56

Culvert No. 56, CP Rail Trail, 0.2 km South of Road 130, County of Grey:

- Structure is not posted with a load limit.
- 1.1 m+/- single span cast-in-place concrete arch culvert with 1.8 m+/- of earth fill and a gravel roadway.
- No traffic protection is provided over the structure or on the approaches.
- Gravel roadway over the structure and on the approaches is in generally good condition with minor vegetative growth.
- Vegetative roadway embankments are in generally good condition
- Cast-in-place concrete arch culvert is in generally fair condition with extensive severe scouring along the base of the barrel walls and numerous wide cracks (8.0 m², poor).
- Concrete inlet and outlet headwalls are in generally fair to poor condition with forward rotation and extensive cracking (6.0 m², poor).
- Watercourse is unobstructed with no evidence of scour.
- No serious evidence of structural distress.
- Structure does not require posting with a load limit.
- Should repair barrel and headwalls.

L. HISTORY/ GENERAL

Culvert No.: 56

MUNICIPAL CULVERT APPRAISAL

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Run: DEC 20,2011 12:24PM



Comments: LOOKING NORTH AT ROADWAY OVER CULVERT

Culvert No.: 56

Path: E:\WorkTech Data\Grey\2011 Photos\Rail Trail\P1330481.jpg



Comments: WEST ELEVATION

Culvert No.: 56

Path: E:\WorkTech Data\Grey\2011 Photos\Rail Trail\P1330482.jpg

MUNICIPAL CULVERT APPRAISAL

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Comments: WIDE CRACK ON INLET HEADWALL

Culvert No.: 56

Path: E:\WorkTech Data\Grey\2011 Photos\Rail Trail\P1330483.jpg



Comments: WIDE CRACK ON BARREL WALL

Culvert No.: 56

Path: E:\WorkTech Data\Grey\2011 Photos\Rail Trail\P1330484.jpg

MUNICIPAL CULVERT APPRAISAL

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Run: DEC 20,2011 12:24PM



Comments: SEVERE SCALING ON BARREL WALL

Culvert No.: 56

Path: E:\WorkTech Data\Grey\2011 Photos\Rail Trail\VP1330485.jpg

Comments:

Culvert No.: 56

Path:



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

1. Department / Function: Trails

Details of Project/Study: **Replacement of Culvert #36 on CP Rail Trail**

2. Total Gross Cost of Proposed Capital Project/Study: \$90,000

Construction	Consultant/Contractor	Equipment	Other (Specify)
\$90,000			

Replacement of Culvert#36 on CP Rail Trail 1.9km south of Chatsworth Road 24

Cost of Proposed Capital Project/Study in 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$0	\$0	\$0	\$0	\$90,000	\$90,000
Net	\$0	\$0	\$0	\$0	\$0	\$0

3. Estimated Useful Life: 50 years

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

Facility Name / Address	Municipality
Culvert#36 1.9km south of Chatsworth Road 24	Township of Chatsworth

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

As identified in the 2011 Culvert Assessment Report the cast-in-place concrete rigid frame culvert is in generally fair to poor condition with wet areas, delaminations, severe spalling, disintegration and narrow stained and unstained cracks with stalactites on the barrel soffit. The culvert inlet headwall is in poor condition with forward rotation and light to severe scaling. The culvert is recommended to be replaced.

6. Scheduling and Cost of Project/Study in 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$0	\$0	\$0	\$0	\$0	\$0
Net	\$0	\$0	\$0	\$0	\$0	\$0

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

If this culvert is not replaced, trail user safety could be compromised and this section of the 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
2017	\$0
2018	\$0
2019	\$0
2020	\$0
2021	\$90,000
Total	\$90,000

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 recreational 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 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.

MUNICIPAL CULVERT APPRAISAL

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Run: DEC 20,2011 12:24PM

A. IDENTIFICATION

Culvert Name:		Culvert No.:	36
Road Name:	CP RAIL TRAIL	Road Section No.	
Location:	1.90 KM S OF ROAD NO. 24	MTO Site No.:	
Roadside Env.:	R	Posting Sign:	t t t
Posting:	t t t	Low Clearnc Sign:	Narrow Structure Sign:
Bylaw No.:		Easting:	17 0517042
Bylaw Exp. Date:		Northing:	4915012
		Crossing Type:	O-WAT, Over Water
		Federal Nav. Waterway:	Unknown
		Culvert Value:	\$228,000
		Old ID:	

B. RAILWAY OVERPASS/UNDERPASS

Railway Level Crossing Number:		Original Board Order Number:	
Railway Company:		Date:	
Railway Subdivision:		Current Board Order Number:	
Subdivision Mileage:		Date:	
Transport Canada Crossing No.:		Seniority:	
Number of Tracks:			

C. JURISDICTION

Owner:	47000	Special Designation:		Local / Area Municipality (Upper Tier Only)
Owner Share:	100.00 %	Designation 2		MunicA 47101
<input type="checkbox"/> Shared?		Adjacent Culvert No.:		MunicB 00000
Shared With:				Patrol: Even Year
Heritage Status:	R			

D. EXISTING CONDITIONS

Year Construted:	1908	Cell/Span Wdth/Dia.:	1.8 m	End Treatment:	A B C D
Year Extended:		Total Width/Dia:	2.4 m	Upstream:	H W
Material/ Type:	CPR - FRA	Max Height:	1.0 m	Downstream:	H W
Crossing Skew:	00 °	Length:	9.0 m	Soil Condition:	U
No of Cells/Spans:	1	Type/Depth of Fill: E	1.1 m	Foundation Type:	UN - Unknown
		Culvert Floor:	EA		
----- ROAD OVER CULVERT -----					
Existing Road Class:	100	Platform Width:	3.5 m	Safety Curb/	(A) N / E 0.0 m
Operational Status:	2W - CVT	Surface Width:	2.9 m	Sidewalk and Curb	(B) N / W 0.0 m
Surface Type:	G	No. of Lanes:	1.0	Roadside Safety:	(A) E NO
					(B) W NO
----- ROAD THROUGH CULVERT -----					
Existing Road Class:		No. of Lanes:		Traffic Barrier:	
Operational Status:	-	Median Type/Width:		Min Vertical Clearance:	m
Opening Width:	m	Safety Curb/	/ m		
Surface Width:	m	Sidewalk and Curb	/ m		

E. TRAFFIC DATA

Legal Speed Limit:		<u>Traffic Count</u>		<u>10 Year Traffic Forecast</u>	
Route Designations		Year:	0	Year:	10
<input type="checkbox"/> Bus <input type="checkbox"/> Truck Route		AADT:		AADT:	
<input type="checkbox"/> School <input type="checkbox"/> Bicycle		DHV Factor:	%	DHV Factor:	%
		DHV:	vph	DHV:	vph
		Trucks:	%	Trucks:	%
Source:		Peak Directional Split:	%	Capacity:	0 vph
Culvert 36 Asset Master		10 Year Growth Factor:		20 Year AADT:	0

F. INSPECTIONS

Date:	7/28/2011	Inspected By:	Dane Kelly	Approved By:	D. Baxter, P.Eng.
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Municipality: County of Grey

Culvert No.: 36

MUNICIPAL CULVERT APPRAISAL

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G. CULVERT NEEDS

Field	MCR	PCR	TON	Comments
Barrel	3	5	1-5	
Foundations	6	6	ADEQ	
Guiderail/Barrier	0	0	ADEQ	
Inlet Component	3	3	1-5	
Outlet Component	4	4	1-5	
Streams/Waterways	6	6	ADEQ	

H. FUNCTIONAL NEEDS

Field	Existing	Min Tolerable	Time of Need	Comments
RO-Platform Width	3.5	3.0	ADEQ	Road Class: 100, Safety Curb: 0
RO-Level of Service	A	E	ADEQ	
RO-Roadside Safety	2.1	3	ADEQ	

Recommended Needs

Impr.Class	Improvement	Description	Time of Need	Year	Base/Const Cost	Eng/Cont	Total
Const	cREC	Remove existing culvert	NOW	0	70,000	21,000	91,000
Const	cRSL	Replace culvert, same location	NOW	0	145,000	44,000	189,000
			Const	Subtotal:	215,000	65,000	280,000
Const Extra	ccAPP	Approaches	NOW	0	40,000	12,000	52,000
Const Extra	ccENV	Environmnetal Study	NOW	0	20,000	0	20,000
			Const Extra	Subtotal:	60,000	12,000	72,000

I. ENGINEERING RECOMMENDATIONS

Culvert Drawings:
 Estimated Posting: t
 Evaluated Posting: t t t
 Closure Date/Type:
 Closure Type:
 Monitoring:
 Monitoring Component:

J. DESIGN PARAMETERS

Design Class: RLLU
 Design Platform Width: 3.5
 Material/Type: PCC -BOX
 Width/Diameter: 3.0
 Maximum Height: 2.0
 Culvert Length: 10.0
 No. of Culverts: 1
 Depth of Fill: 1.1

K. IMPROVEMENT COSTS

Total Construction/Rehab 352,000
 Total Inspection 0
 TOTAL 352,000
 47000 share @ 100% 352,000

MUNICIPAL CULVERT APPRAISAL

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INSPECTION NOTES

Culvert No.: 36

Culvert No.36, CP Rail Trail, 0.90 km South of Road No. 24, County of Grey:

- Structure is not posted with a load limit.
- 1.8 m+/- single span cast-in-place concrete rigid frame culvert with 1.1 m+/- of earth fill and a gravel roadway.
- No traffic protection has been provided.
- Gravel roadway surface over the structure and on the approaches is generally good condition with minor vegetative growth.
- Cast-in-place concrete rigid frame culvert is in generally fair to poor condition with wet areas, delaminations, severe spalling, disintegration and narrow stained and unstained cracks with stalactites noted on the barrel soffit (6m², poor). The barrel walls are in generally good condition with light to severe scaling and wet areas (2m², poor).
- Culvert inlet headwall is in poor condition with forward rotation and light to severe scaling (3m², poor).
- Culvert inlet wingwalls are in generally fair to good condition with light to severe scaling (1m², poor).
- Culvert outlet headwall and wingwalls are in generally fair to good condition with localized severe scaling (2m², poor).
- No traffic protection is provided over the structure or on the approaches.
- Vegetative roadway embankments are in good condition.
- Watercourse is partially obstructed with debris at the inlet and outlet.
- No serious evidence of structural distress.
- Structure does not require posting with a load limit.
- Should replace culvert. The culvert replacement could be deferred for 3-5 years.

L. HISTORY/ GENERAL

Culvert No.: 36

MUNICIPAL CULVERT APPRAISAL

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Comments: LOOKING SOUTH AT ROADWAY OVER CULVERT

Culvert No.: 36

Path: E:\WorkTech Data\Grey\2011 Photos\Rail Trail\P1330409.jpg



Comments: WEST ELEVATION

Culvert No.: 36

Path: E:\WorkTech Data\Grey\2011 Photos\Rail Trail\P1330407.jpg

MUNICIPAL CULVERT APPRAISAL

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Comments: SEVERE SCALING OF OUTLET HEADWALL

Culvert No.: 36

Path: E:\WorkTech Data\Grey\2011 Photos\Rail Trail\P1330408.jpg



Comments: SEVERE DISINTEGRATION OF INLET BARREL

Culvert No.: 36

Path: E:\WorkTech Data\Grey\2011 Photos\Rail Trail\P1330410.jpg

MUNICIPAL CULVERT APPRAISAL

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Comments: STAINED CRACK WITH STALACTITES ON BARREL SOFFIT

Culvert No.: 36

Path: E:\WorkTech Data\Grey\2011 Photos\Rail Trail\P1330411.jpg



Comments: SEVERE SCALING OF INLET WINGWALL

Culvert No.: 36

Path: E:\WorkTech Data\Grey\2011 Photos\Rail Trail\P1330412.jpg

MUNICIPAL CULVERT APPRAISAL

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Comments: FORWARD ROTATION OF INLET HEADWALL

Culvert No.: 36

Path: E:\WorkTech Data\Grey\2011 Photos\Rail Trail\VP1330413.jpg

Comments:

Culvert No.: 36

Path:



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

1. **Department / Function:** **Tourism & Economic Development**
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 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$7,500	\$7,500	\$7,500	\$7,500	\$52,500	\$82,500
Net	\$7,500	\$7,500	\$7,500	\$7,500	\$7,500	\$37,500

3. **Estimated Useful Life:** Five Years

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

Facility Name / Address	Municipality
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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 first DDAP, and continued with the update of this strategy in 2015/16. Updating the plan is scheduled for 2021. 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 the plan. It is seen as providing both strategic direction and being very action oriented. It will focus on how the County can manage and market Grey County as a destination for tourism to bring sustainable economic benefit over a five year period.

6. **Scheduling and Cost of Project/Study in 2016-2020 Capital Plan:**

	2016	2017	2018	2019	2020	Total
Gross	\$7,500	\$7,500	\$7,500	\$7,500	\$7,500	\$37,500
Net	\$7,500	\$7,500	\$7,500	\$7,500	\$7,500	\$37,500

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

Not updating the plan would lead to a more ad-hoc approach to tourism, would not allow 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
2017	\$0	\$0	\$7,500	\$0
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
Total	\$0	\$0	\$37,500	\$45,000

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

Grey County Corporate Operating Plan (2014-16): Strategic Goal 3: Securing the County's Place as Ontario's Recreation Jewel Tourism Destination Strategy Update (Strategic Action Items 3.1- 3.4)

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

For more information, please contact:

Jillian Dickens

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www.bannikin.com

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 & Maintain Stakeholder Database</p> <p>Priority Level: 1</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>Priority Level: 2</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>Step 1: 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 Facebook: Used to communicate upcoming events, get feedback on certain ideas, encourage conversation among stakeholders online Tourism Talks: Used to dig deeper into various themes 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>Step 2: 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"> • Newsletter open and click-through rates • Number of Facebook group members • Level of engagement on Facebook page • Complaints from stakeholders saying they don't know what Grey County is doing/haven't heard from the County



Pillar 1: Community Engagement cont'd

Steps to Develop: Build simple Stakeholder Communications Plan cont'd	How to Measure
<p>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.</p> <p>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.</p> <p>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.</p>	(Noted on page 8.)



Pillar 1: Community Engagement cont'd

Recommendation	Key Objective	Context & Reasoning
<p>3. Relaunch "Tourism Talks"</p> <p>Priority Level: 2</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>Step 1: 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>Step 2: 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"> • Number of events held • Attendee numbers • 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.



Pillar 1: Community Engagement cont'd

Recommendation	Key Objective	Context & Reasoning
<p>4. Make the Industry Website a Useful Tool and Resource</p> <p>Priority Level: 2</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>Step 1: 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>Step 2: 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"> Website visits and length of stay on relevant pages



Pillar 2: Destination Management cont'd

A) Marketing

Recommendation	Key Objective	Context & Reasoning
1. Create a Robust Marketing and Communications Plan Priority Level: 1	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>Step 1: 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"> Plan development (Yes/No) 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



Pillar 2: Destination Management cont'd

Recommendation	Key Objective	Context & Reasoning
<p>2. Embrace the Brand</p> <p>Priority Level: 1</p>	<p>Develop a powerful positioning and sales tool for your stakeholders</p>	<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>Step 1: 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>Step 2: 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"> • 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). • Number of brand toolkit downloads



Pillar 2: Destination Management cont'd

Recommendation	Key Objective	Context & Reasoning
<p>3. Create a Visiting Friends and Relatives (VFR) Marketing and Communications Campaign</p> <p>Priority Level: 2</p>	Leverage your best ambassadors	<p>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).</p>

Steps to Develop: Create a Visiting Friends and Relatives (VFR) Marketing and Communications Campaign	How to Measure
<p>Step 1: 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>Step 2: 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>Step 3: 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"> • Number of VFR tourists to Grey (as captured by industry snapshot) • Campaign metrics including industry adoption and feedback



Pillar 2: Destination Management cont'd

Recommendation	Key Objective	Context & Reasoning
4. Create a Grey County Tourism Mobile Application Priority Level: 2	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>Step 1: 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"> • 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) • Number of app downloads • Ratings on the App Store from users



Pillar 2: Destination Management cont'd

Steps to Develop: Create a Grey County Tourism Mobile Application cont'd	How to Measure
<p>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.</p>	(Noted on Page 15.)

B) Product Development

Recommendation	Key Objective	Context & Reasoning
<p>5. Facilitate the Creation of Packages & Itineraries</p> <p>Priority Level: 4</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 Priority Level: 4	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>Step 1: 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>Step 2: 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>Step 3: 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"> • Number of tour operators identified • Number of tour operators contacted • Number of operators on FAM Trips • Number of packages being promoted on FAM Trip participants website (post FAM)



Pillar 3: Market Research and Tracking

Recommendation	Key Objective	Context & Reasoning
<p>1. Track Success of the DDAP</p> <p>Priority Level: 1</p>	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>Step 1: 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>Step 2: 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>Step 3: 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"> Completed scorecards



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>Priority Level: 2</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 *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
<p>Step 1: The County should host a Tourism Talks for stakeholders to identify what information is the most useful for them, such as:</p> <ul style="list-style-type: none"> • 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 <p>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.</p> <p>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).</p> <p>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.</p>	<ul style="list-style-type: none"> • Percentage of stakeholders who take the Tourism Snapshot survey • Completed dashboards



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>Priority Level: 3</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)

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
<p>1. Reorganize Tourism Staff Functions</p> <p>Priority Level: 1</p>	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>Step 1: The Tourism Manager should re-write each Tourism Specialist's Job Description. The outline is as follows:</p> <p><u>Tourism Specialist: Stakeholder Relations & Media Relations</u> Responsibilities: Stakeholder communications (database management, newsletter, *industry website content.); Industry events (Tourism Talks & supplementary industry workshops/events.); Facilitation of package creation; Outbound operator engagement. Total effort: 65% <i>*Industry Listings to be uploaded, updated by industry.</i> 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 & Communications</u> 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"> Annual reviews



Pillar 4: Resource Allocation cont'd

1. Steps to Develop: Reorganize Tourism Staff Functions cont'd	How to Measure
<p><u>Step 1: con't</u></p> <p><u>Tourism Specialist: Special Projects</u> Responsibilities:</p> <p>Consumer collateral distribution & inquiries (mail-outs, downloads). Total effort: 20%</p> <p>Supervise summer students (events, brochure distribution). Total effort: 15%</p> <p>Special projects (cycling, RideGreyBruce, Grey County App, etc.). Total effort: 45%</p> <p>Research (dashboard creation, analysis). Total effort: 20%</p> <p>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.</p> <p>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."</p> <p><u>Step 2:</u> 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.</p>	<p>(Noted on Page 25.)</p>



Pillar 4: Resource Allocation cont'd

Recommendation	Key Objective	Context & Reasoning
<p>2. Invest in Professional Development</p> <p>Priority Level: 3</p>	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
<p>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.</p> <p>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.</p> <p>Step 3: Each Tourism Specialist should present on a pertinent subject at relevant Tourism Talks.</p>	<ul style="list-style-type: none"> • 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.



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.

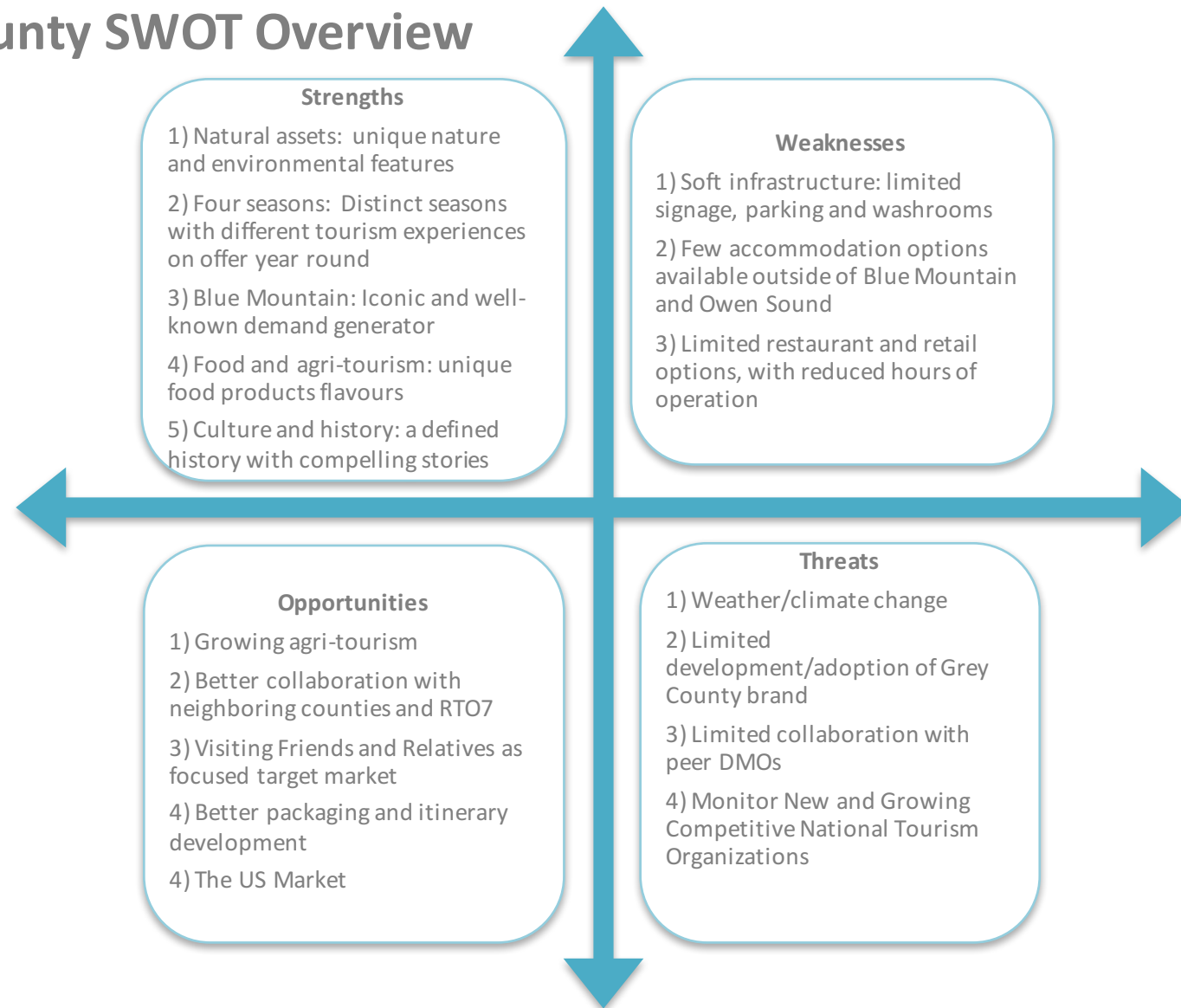
Itinerary: An itinerary is an outline of a vacation or holiday, which details the experiences in the order they occur. Itineraries do not need to be priced or available to purchase. They can be used as inspiration, or as the starting point to building a package, and a tool to market the destination and 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. With out full buy-in and adoption of the brand tenets by Grey Country'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 Country'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

These are all true and real attributes for the destination, but they don't bring in a lot of money on their own.
- 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

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"> • Cornered the market on local food • 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. • 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. 	<ul style="list-style-type: none"> • Food and Wine • Weddings • Artisans 	<p>Website (40k visitors/month)</p> <ul style="list-style-type: none"> • Website is financially self sustaining through ads • French website to attract QC • Social media • Events newsletter • 2016: mobile app 	Focus on competitive advantages



Competitive Analysis cont'd

County	Overview	Competitive Products	Marketing	Key Takeaway
Bruce County	<ul style="list-style-type: none"> Tourism goal is to keep people in Bruce longer and get them to spend more Tourism is paired with agriculture (under the office of Tourism and Ag) – which supports the marketing of rural experiences and agri-tourism 	<ul style="list-style-type: none"> Lake Huron Beaches Bruce Trail 	<ul style="list-style-type: none"> Robust search functionality on their site Bruce creates reasons to return like: Adventure Passport – treasure hunt that is updated annually Specialised brochures – focus on cycling Tradeshows Sell promotional material like trail mix and mugs 	Be available to tourists.
Niagara On The Lake	<ul style="list-style-type: none"> High brand recognition Target is families and couples 	<ul style="list-style-type: none"> Food and wine Meetings (microsite catering to meetings) 	<ul style="list-style-type: none"> Website is full of calls to action to the consumer to: Call us! Email us! Book with Us! Robust package planning functionality 	<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

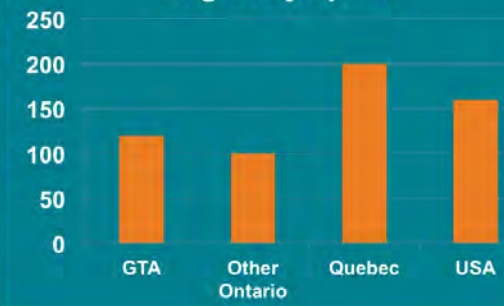
Key source markets:



Most Popular Activities



Avg. Daily Spend





SUMMARY OF FIVE YEAR CAPITAL & EXTRA-ORDINARY EXPENDITURES

Tourism & Economic Development

PROJECT	2016 Approved Budget	2017-2021 Five Year Capital & Extra-Ordinary Expenditures					
		2017	2018	2019	2020	2021	TOTAL
Economic Development Strategy Update					80,000		80,000
From Reserve - Economic Development					(80,000)		(80,000)
To Reserve - Economic Development	15,000	15,000	15,000	15,000	15,000	15,000	75,000
Tourism Destination Development Action Plan						45,000	45,000
From Reserve - Tourism Operating						(45,000)	(45,000)
To Reserve - Tourism Operating	7,500	7,500	7,500	7,500	7,500	7,500	37,500
Tourism Website					50,000		50,000
From Reserve - Tourism Website					(50,000)		(50,000)
To Reserve - Tourism Website	10,000	10,000	10,000	10,000	10,000	10,000	50,000
Economic Development - Information, Communication & Technologies		15,000	15,000	15,000	15,000	15,000	75,000
NET LEVY REQUIREMENTS	32,500	47,500	47,500	47,500	47,500	47,500	237,500



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

1. **Department / Function:** **Tourism & Economic Development**
Details of Project/Study: **Economic Development Strategy Update**

2. **Total Gross Cost of Proposed Capital Project/Study:** \$80,000

Construction	Consultant/Contractor	Equipment	Other (Specify)
			\$80,000

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 \$80,000.

Cost of Proposed Capital Project/Study in 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$15,000	\$15,000	\$15,000	\$95,000	\$15,000	\$155,000
Net	\$15,000	\$15,000	\$15,000	\$15,000	\$15,000	\$75,000

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):**

Expanding the prosperity base 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. By 2020, the overall strategy will need to be updated through a comprehensive review and community engagement process. 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 2016-2020 Capital Plan:** An update of The Made in Grey Economic Development Strategy is scheduled for 2019.

	2016	2017	2018	2019	2020	Total
Gross	\$15,000	\$15,000	\$15,000	\$15,000	\$95,000	\$155,000
Net	\$15,000	\$15,000	\$15,000	\$15,000	\$15,000	\$75,000

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 Expand the County's prosperity base.

8. Identify Sources and Amounts of Funding

	From Reserve - One Time Funding	Fed/Prov Grants	To Reserve - Economic Development	From Reserve - Economic Development
2017	\$0	\$0	\$15,000	\$0
2018	\$0	\$0	\$15,000	\$0
2019	\$0	\$0	\$15,000	\$0
2020	\$0	\$0	\$15,000	\$80,000
2021	\$0	\$0	\$15,000	\$0
Total	\$0	\$0	\$75,000	\$80,000

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

"Developing and implementing an economic action plan" is action 1.2 under Goal 1 (Expanding the prosperity base) and this initiative supports 3.1, 3.2 and 3.4 under Goal 3 (Securing our place as Ontario's recreation jewel) of Grey County's Corporate Strategic Plan 2012-15, This is also referenced in the County's Strategic Operating Plan 2013-15, and in the Clerk's Department Work Plan 2013-15.

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 \$15,000 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



2 What the Numbers Say

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.

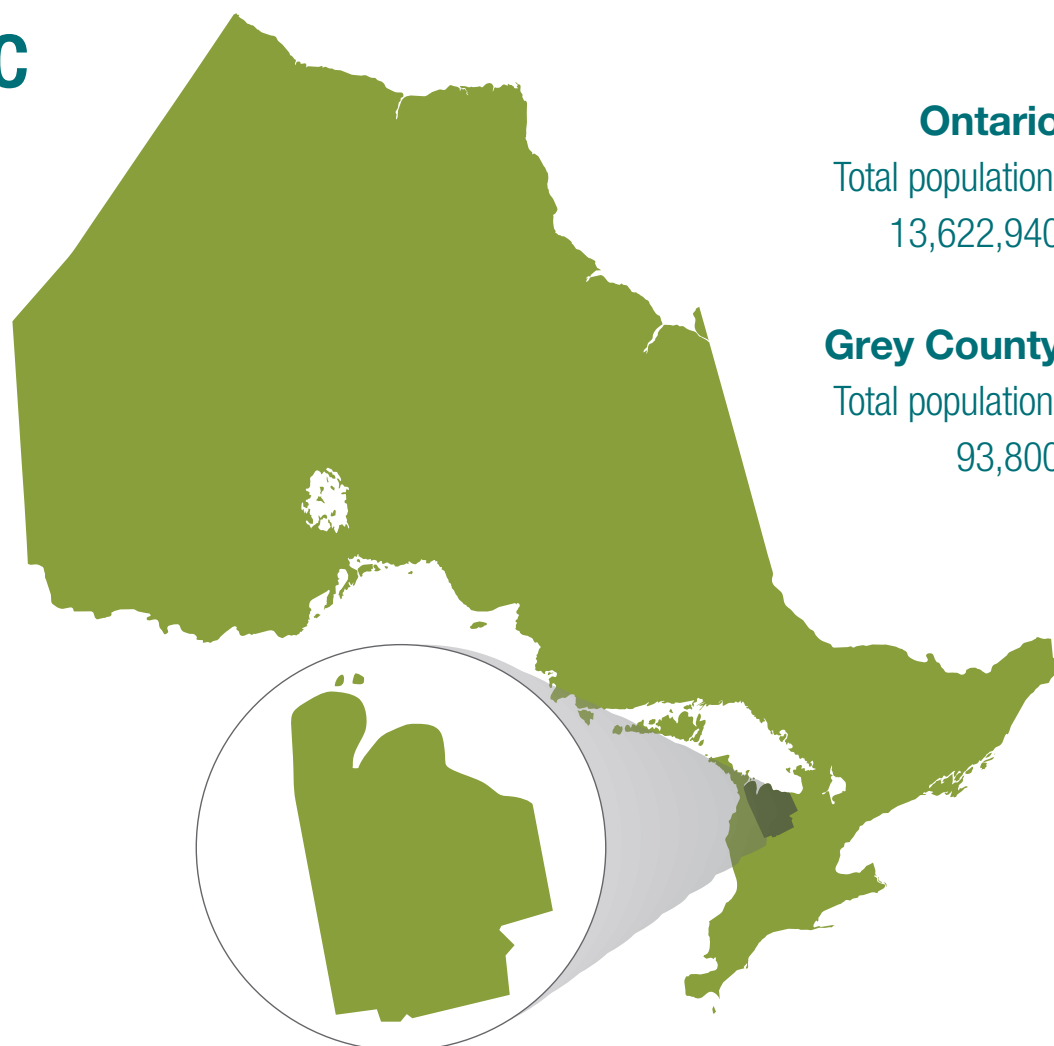
The following pages provide visual representations of Grey's demographic and labour force data. More detailed information is available in the Grey County Situational Analysis.

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.



17%

of non-residents
commute into Grey County
for work



19%

of residents
commute out of
Grey County for work

"Made in Grey" County Economic Development Strategy

County of Grey Economic Development Office

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Grey County

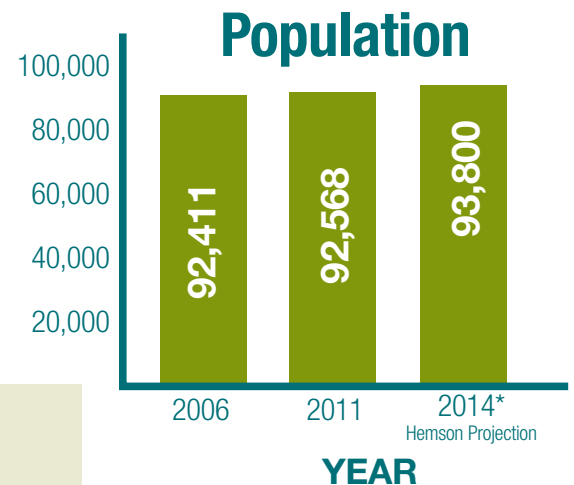
OPPORTUNITY LIVES HERE

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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Labour Force

↓ **64.6%** Participation

Employment **60.3%** ↓

↓ **6.5%** Unemployment

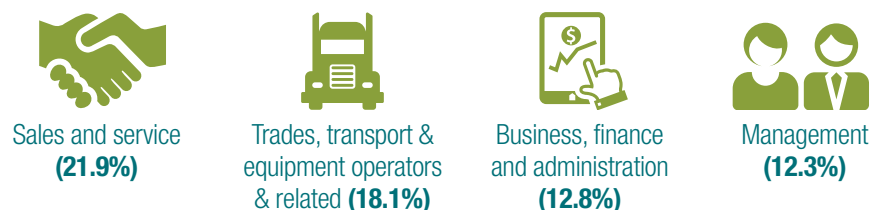
Grey County is home to a diverse local economy. The participation, employment rates and unemployment rate are lower than the provincial average. The average and median incomes are also lower than those of Ontario.

\$ 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.



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.

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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.

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 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



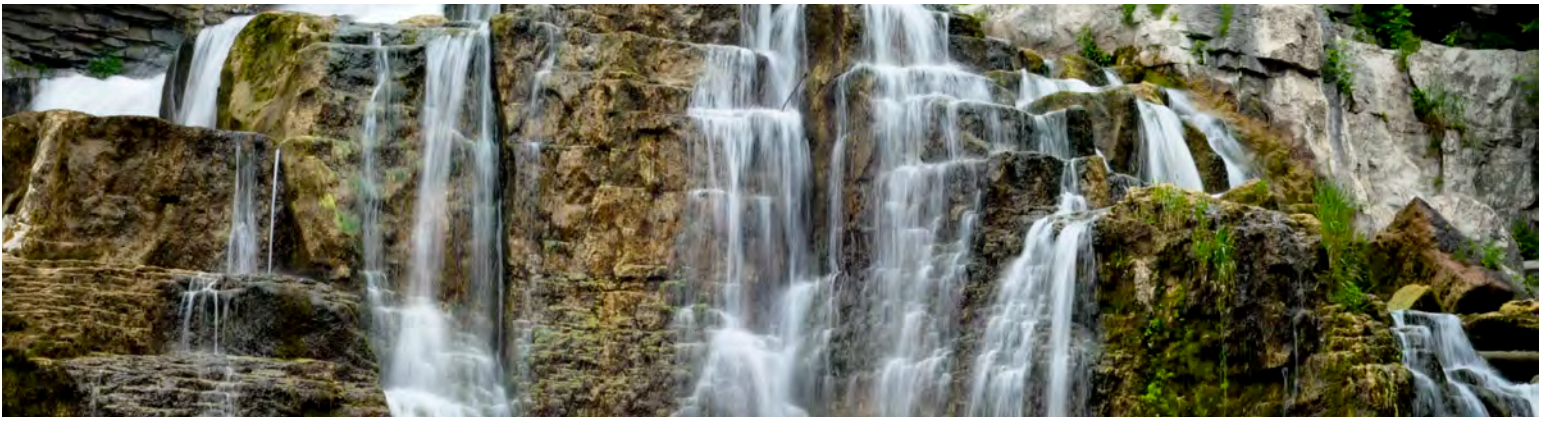
6.5 Better Communication and Marketing Grey's Greatness

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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CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

1. Department / Function: **Tourism & Economic Development**

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.

Cost of Proposed Capital Project/Study in 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$10,000	\$10,000	\$10,000	\$60,000	\$10,000	\$100,000
Net	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$50,000

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. Tourism's Destination Development Plan is under development and one recommendation is for a mobile-friendly app. This may require some flexibility in deploying the capital investments.

6. Scheduling and Cost of Project/Study in 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$10,000	\$10,000	\$10,000	\$10,000	\$60,000	\$100,000
Net	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$50,000

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 may be required.

8. Identify Sources and Amounts of Funding

	To Reserve - Tourism Website	From Reserve - Tourism Website
2017	\$10,000	\$0
2018	\$10,000	\$0

2019	\$10,000	\$0
2020	\$10,000	\$50,000
2021	\$10,000	\$0
Total	\$50,000	\$50,000

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

Grey County Corporate Operating Plan (2014-16): Strategic Goal 3 Securing the County's Place as Ontario's Recreation Jewel.

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. Involvement of the IT department is critical and will be requested and scheduled accordingly.



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

1. Department / Function: **Tourism & Economic Development**

Details of Project/Study: **Economic Development - Information, Communication & Technologies**

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 Increasing the prosperity base. 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 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$15,000	\$15,000	\$15,000	\$15,000	\$15,000	\$75,000
Net	\$15,000	\$15,000	\$15,000	\$15,000	\$15,000	\$75,000

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 Expanding the Prosperity Base. 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 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$0	\$0	\$0	\$0	\$0	\$0
Net	\$0	\$0	\$0	\$0	\$0	\$0

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

	Taxation
2017	\$15,000
2018	\$15,000
2019	\$15,000
2020	\$15,000
2021	\$15,000
Total	\$75,000

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

Goal 1 of Grey County's Corporate Strategic Plan is Expanding the Prosperity Base with Action 1.2 being the "Developing and Implementing an economic action plan."

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 recommended



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

PROJECT	2016 Approved Budget	2017-2021 Five Year Capital & Extra-Ordinary Expenditures					
		2017	2018	2019	2020	2021	TOTAL
Development Charges - 5 Year Review	45,000					50,000	50,000
From Reserve - Development Charges	(36,000)					(40,500)	(40,500)
From Reserve - General Planning	(5,000)					(6,000)	(6,000)
Studies/Reports - Archaeological Master Plan	10,000	150,000					150,000
From Reserve - Arch. Master Plan		(46,400)					(46,400)
From Reserve - Development Charges		(91,125)					(91,125)
From Reserve - Planning Legal Reserve	(10,000)	(10,000)					(10,000)
From Reserve - Planning Studies		(2,475)					(2,475)
To Reserve - Arch. Master Plan		6,400	9,000	9,000	9,000	5,000	38,400
Housing Data Update - Annual	5,000		15,000				15,000
From Reserve - Development Charges	(2,500)		(9,113)				(9,113)
From Reserve - Planning Studies			(5,887)				(5,887)
To Reserve - Planning Studies		2,000	1,400	1,400	1,200	1,200	7,200
Multi-Function Plotter/Scanner (MFP)				20,000			20,000
From Reserve - Plotter Replacement				(20,000)			(20,000)
To Reserve - Plotter Replacement	4,000	4,000	4,000	4,000	4,000	4,000	20,000
Growth Management Study Update					60,000		60,000
From Reserve - Development Charges					(48,600)		(48,600)
From Reserve - Growth Management Study Update Reserve					(11,400)		(11,400)
To Reserve - Growth Management Study Update Reserve	3,200	3,500	1,500	1,500	1,700	2,200	10,400
Transportation Master Plan Update							
To Reserve - Planning Studies	1,000						
Studies/Reports - Natural Heritage Study Update							
To Reserve - Planning Studies	4,600						
Planning Application - Tracking Software	75,000						
From Reserve - Planning General	(21,000)						
From Reserve - Development Charges	(54,000)						
Sourcewater Protection	43,729						
Fed/Prov Grants	(43,729)						
Sourcewater Protection Collaboration	46,250						
Fed/Prov Grants	(16,000)						
Partners - Lower Tier Municipalities	(7,500)						
Partners - Bruce County	(22,750)						
NET LEVY REQUIREMENTS	19,300	15,900	15,900	15,900	15,900	15,900	79,500



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

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 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$0	\$0	\$0	\$0	\$50,000	\$50,000
Net	\$0	\$0	\$0	\$0	\$3,500	\$3,500

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 2017 and therefore the proposal is to begin the Development Charges Background Study in 2016 to update the By-law before it expires. The next five year update of the development charges would occur in 2021. 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 2016-2020 Capital Plan:** N/A

	2016	2017	2018	2019	2020	Total
Gross	\$45,000	\$0	\$0	\$0	\$0	\$45,000
Net	\$4,000	\$0	\$0	\$0	\$0	\$4,000

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
2017	\$0	\$0	\$0
2018	\$0	\$0	\$0
2019	\$0	\$0	\$0
2020	\$0	\$0	\$0
2021	\$40,500	\$6,000	\$3,500

Total	\$40,500	\$6,000	\$3,500
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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. Following the completion of the 2016 development charges update, the next five year update to the development charges would be scheduled for 2021.



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

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

Details of Project/Study: **Studies/Reports - Archaeological Master Plan**

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 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$156,400	\$9,000	\$9,000	\$9,000	\$5,000	\$188,400
Net	\$6,400	\$9,000	\$9,000	\$9,000	\$5,000	\$38,400

3. Estimated Useful Life:

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

Facility Name / Address	Municipality
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5. Need or Benefit(s) of Project (including safety issues):

The archaeological potential of a piece of land must now be considered as part of the planning process under the Ontario Heritage Act, the Provincial Policy Statement (2005), and the Planning Act. Recent changes to the Provincial Policy Statement, 2005 and the Ontario Heritage Act mean that archaeology needs to be addressed in planning decisions. An Archaeological Master Plan is a document that provides an inventory and evaluation of known archaeological resources and identifies areas of archaeological resource potential. The County Official Plan indicates that the County may undertake an Archaeological Master Plan and that the County would consult with First Nations when developing the Terms of Reference for the study. By identifying areas of archaeological potential it provides property owners, developers and future buyers with information upfront to determine whether or not further archaeological assessments are required. An AMP will also reduce the risk of disturbing archaeological resources.

6. Scheduling and Cost of Project/Study in 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$10,000	\$160,000	\$5,000	\$5,000	\$5,000	\$185,000
Net	\$10,000	\$10,000	\$5,000	\$5,000	\$5,000	\$35,000

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

By not identifying areas of archaeological potential, development applications could be delayed as further archaeological investigations may be required later on in the process rather than knowing upfront what studies will be required. There would also be a greater potential that archaeological resources could be destroyed if it is not known where possible sites may exist.

8. Identify Sources and Amounts of Funding

	To Reserve - Arch. Master Plan	From Reserve - Arch. Master Plan	From Reserve - Development Charges	From Reserve - Planning Legal Reserve	From Reserve - Planning Studies
2017	\$6,400	\$46,400	\$91,125	\$10,000	\$2,475

2018	\$9,000	\$0	\$0	\$0	\$0
2019	\$9,000	\$0	\$0	\$0	\$0
2020	\$9,000	\$0	\$0	\$0	\$0
2021	\$5,000	\$0	\$0	\$0	\$0
Total	\$38,400	\$46,400	\$91,125	\$10,000	\$2,475

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

Action Item 2.10 of the County Strategic Plan indicates that the County should continue to manage and direct growth through the creation and application of sound land use planning principles. Action Item 3.5 identifies that the County should protect and conserve cultural heritage resources. An Archaeological Master Plan would assist the County in fulfilling the Strategic Plan action items identified above.

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

It is anticipated that 2/3rds of the costs for this study will be funded by development charges.



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

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

Details of Project/Study: **Housing Data Update - Annual**

2. Total Gross Cost of Proposed Capital Project/Study: \$15,000

Construction	Consultant/Contractor	Equipment	Other (Specify)
	\$15,000		

Cost of Proposed Capital Project/Study in 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$2,000	\$16,400	\$1,400	\$1,200	\$1,200	\$22,200
Net	\$2,000	\$1,400	\$1,400	\$1,200	\$1,200	\$7,200

3. Estimated Useful Life: Valuable and necessary background information and the basis for land use policy and decisions related to housing

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

Facility Name / Address	Municipality
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5. Need or Benefit(s) of Project (including safety issues):

It is important to update the Housing Study data in order to keep policies current in the County Official Plan regarding matters related to housing and in order to meet provincial policy. By updating the housing data on an annual basis, current housing needs would be identified and policies and strategies can be revised to address the changing needs. Initially the thought would be to do an annual update to the Housing Study Data in order to ensure that the County is using the most current data. It is now recommended that the data be updated 2 years following the completion of each census. The next census is to take place in 2016 and therefore the data from the census will be available to use in 2018.

6. Scheduling and Cost of Project/Study in 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$25,000
Net	\$2,500	\$2,500	\$2,500	\$2,500	\$2,500	\$12,500

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

Without undertaking a Housing data updates, the policies contained in the County Official Plan will become dated and may not be reactive to the existing housing pressures/issues. Without accurate housing data County Council may provide funds for housing in non-critical areas rather than specifying that funding be provided to those areas in need.

8. Identify Sources and Amounts of Funding

	From Reserve - Development Charges	From Reserve - Planning Studies	To Reserve - Planning Studies	Taxation
2017	\$0	\$0	\$2,000	\$0
2018	\$9,113	\$5,887	\$1,400	\$0
2019	\$0	\$0	\$1,400	\$0
2020	\$0	\$0	\$1,200	\$0
2021	\$0	\$0	\$1,200	\$0

Total	\$9,113	\$5,887	\$7,200	\$0
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9. **Compliance with Council objective/strategic plan (if applicable):**

The County Strategic Operating Plan identifies affordable housing as one of the County's top 10 priorities. Action Item 2.4 of the County Strategic Plan indicates that County should support the creation of more affordable housing in all areas of the County through implementation of the Housing Strategy.

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

It is estimated that half of the housing data update is growth related and therefore half of the costs to update the data will be funded by development charges.



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

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 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$4,000	\$4,000	\$24,000	\$4,000	\$4,000	\$40,000
Net	\$4,000	\$4,000	\$4,000	\$4,000	\$4,000	\$20,000

3. Estimated Useful Life: 5 years

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

Facility Name / Address	Municipality
County Adminsitration Building - Tech Area	

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

The current colour plotter was purchased in 2010. A major part failed in early 2014 and as such the plotter needs to be replaced earlier than anticipated. The large format scanner also needs to be replaced as it will no longer be supported once the new operating system is installed. On May 6th, Council passed a motion to replace the existing scanner and plotter with a Multi-Function Plotter combination unit which will be more efficient than the current set-up (see PDR-PCD-14-14). 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.

6. Scheduling and Cost of Project/Study in 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$4,000	\$4,000	\$4,000	\$24,000	\$4,000	\$40,000
Net	\$4,000	\$4,000	\$4,000	\$4,000	\$4,000	\$20,000

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 - Plotter Replacement	From Reserve - Plotter Replacement
2017	\$4,000	\$0
2018	\$4,000	\$0
2019	\$4,000	\$20,000

2020	\$4,000	\$0
2021	\$4,000	\$0
Total	\$20,000	\$20,000

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.



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

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

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

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 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$3,500	\$1,500	\$1,500	\$61,700	\$2,200	\$70,400
Net	\$3,500	\$1,500	\$1,500	\$1,700	\$2,200	\$10,400

3. Estimated Useful Life:

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

Facility Name / Address	Municipality
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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. It is important to update this information using current census data to ensure that projection information is accurate and that projected growth is allocated appropriately. 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 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$3,200	\$3,200	\$3,200	\$3,200	\$63,200	\$76,000
Net	\$3,200	\$3,200	\$3,200	\$3,200	\$3,200	\$16,000

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

By not having current growth data, studies that rely on accurate growth 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 - Development Charges	From Reserve - Growth Management Study Update Reserve	To Reserve - Growth Management Study Update Reserve	From Reserve - Planning General Reserve
2017	\$0	\$0	\$3,500	\$0
2018	\$0	\$0	\$1,500	\$0
2019	\$0	\$0	\$1,500	\$0
2020	\$48,600	\$11,400	\$1,700	\$0

2021	\$0	\$0	\$2,200	\$0
Total	\$48,600	\$11,400	\$10,400	\$0

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

Action Item 2.10 of the County Strategic Plan indicates that the County should continue to manage and direct growth through the creation and application of sound land use planning principles. Accurate growth projection/allocation information will ensure that Council has the necessary information to make informed decisions and to assist in achieving the above noted Strategic Plan Action Item.

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 was completed in 2015. It is recommended that this Study be reviewed every 5 years and therefore the future recommended update is proposed to occur in 2020. The data and information from this study can be utilized in the next development charges update which is scheduled to occur in 2021.



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

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

Details of Project/Study: **Transportation Master Plan Update**

2. Total Gross Cost of Proposed Capital Project/Study: \$0

Construction	Consultant/Contractor	Equipment	Other (Specify)
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Cost of Proposed Capital Project/Study in 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$0	\$0	\$0	\$0	\$0	\$0
Net	\$0	\$0	\$0	\$0	\$0	\$0

3. Estimated Useful Life: The Transportation Master Plan would need to be updated every 5 years.

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

Facility Name / Address	Municipality
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5. Need or Benefit(s) of Project (including safety issues):

The Transportation Master Plan has been completed and recommendations from the Transportation Master Plan are currently being implemented. It will likely take 3 to 5 years to implement all the recommendations from the Transportation Master Plan supported by Council. As such it is recommended that the Transportation Master Plan Update be put on hold for the time being. It is recommended that the County revisit the need for a Transportation Master Plan update following implementation on some of the recommendations in the current Transportation Master Plan.

6. Scheduling and Cost of Project/Study in 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$1,000	\$5,000	\$9,750	\$9,750	\$9,750	\$35,250
Net	\$1,000	\$5,000	\$9,750	\$9,750	\$9,750	\$35,250

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

See above note.

8. Identify Sources and Amounts of Funding

	From Reserve - Development Charges	From Reserve - General Planning	From Reserve - Planning Legal	To Reserve - Planning Studies
2017	\$0	\$0	\$0	\$0
2018	\$0	\$0	\$0	\$0
2019	\$0	\$0	\$0	\$0
2020	\$0	\$0	\$0	\$0
2021	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0

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

Action Item 4.3 of the County Strategic Plan recommends that the County develop a county-wide Transportation Master Plan that identifies capital priorities, embraces active transportation principles, and is innovative in its support of economic development and healthy community strategies.

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

See above note.



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

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

Details of Project/Study: **Studies/Reports - Natural Heritage Study Update**

2. Total Gross Cost of Proposed Capital Project/Study: \$0

Construction	Consultant/Contractor	Equipment	Other (Specify)
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Cost of Proposed Capital Project/Study in 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$0	\$0	\$0	\$0	\$0	\$0
Net	\$0	\$0	\$0	\$0	\$0	\$0

3. Estimated Useful Life: Valuable and necessary background information and basis for land use policy.

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

Facility Name / Address	Municipality
Planning Department for Official Plan	

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

The Provincial Policy Statement stresses the importance of maintaining, restoring and improving natural heritage systems and to recognize linkages between and among natural heritage features and areas, surface water features and groundwater features (Section 2.1.2). The County is currently in the process of completing a Natural Heritage Study which is intended to identify the significant natural heritage features using a natural heritage systems approach. The County Official Plan identifies that the County may undertake a Natural Heritage Study with the assistance from local municipalities and/or interested partners (Section 2.8.6(8)). It is recommended that until the Natural Heritage Systems Study is completed, that any future planned updates to the Natural Heritage System be put on hold for the time being. It is likely that any future updates to the Natural Heritage Systems Study would only be completed when new data and information becomes available. Staff anticipate that these updates can likely be completed in house but this cannot be fully determined until the current Natural Heritage Systems Study has been completed.

6. Scheduling and Cost of Project/Study in 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$4,600	\$4,600	\$4,600	\$4,600	\$54,600	\$73,000
Net	\$4,600	\$4,600	\$4,600	\$4,600	\$4,600	\$23,000

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

See above note.

8. Identify Sources and Amounts of Funding

	From Reserve - Development Charges Reserve	From Reserve - General Planning	To Reserve - Planning Studies
2017	\$0	\$0	\$0

2018	\$0	\$0	\$0
2019	\$0	\$0	\$0
2020	\$0	\$0	\$0
2021	\$0	\$0	\$0
Total	\$0	\$0	\$0

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

Action Item 2.10 of the County Strategic Plan indicates that the County should continue to manage and direct growth through the creation and application of sound land use planning principles. Action Item 3.5 states that the County should protect and encourage natural and cultural heritage resources and landscapes, including those that offer scenic value and habitat preservation. The Natural Heritage Study will help the County achieve the County Strategic Plan action items identified above. Section 2.8.6(8) of the Official Plan indicates that the County may undertake a Natural Heritage Study with the assistance from local municipalities and/or interested partners. As the Province updates its planning documents (PPS) the County is required to update the County Official Plan.

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

See above note.



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

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

Details of Project/Study: **Planning Application - Tracking Software**

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 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$0	\$0	\$0	\$0	\$0	\$0
Net	\$0	\$0	\$0	\$0	\$0	\$0

3. Estimated Useful Life: 10 to 15 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 IT Strategic Plan identified that the Corporate system known as Grey Information Networks (GIN) should be replaced with an interim solution in 2011 and a long-term solution in 2013. GIN is currently used to: track planning application information; manage the County's civic addressing data; and connect MPAC data to the parcel mapping. The system is built on dated technology and therefore it is necessary to replace the system with newer technology. The planning application tracking software would: • Track, record and report on development applications; • Manage and record the development consultation process with other municipalities and agencies; • Manage addressing and land management processes; and, • Integrate with the County's GIS and Greydocs systems.

It is anticipated that the planning application tracking software will allow staff to better track the progress of applications which should lead to efficiencies with respect to processing and reviewing applications. By tracking planning applications through a shared system it could lead to savings in data tracking and collaboration. This project has been delayed due to other competing priorities. In 2015 an RFI was issued and based on the information received both IT and Planning staff agreed that an in-house solution was the best solution for the County. With the new document management system, there will be a lot of synergies between the PATS and the document management system as well as the County GIS website.

6. Scheduling and Cost of Project/Study in 2016-2020 Capital Plan: 2015 Project being carried over 2016

	2016	2017	2018	2019	2020	Total
Gross	\$0	\$0	\$0	\$0	\$0	\$0
Net	\$0	\$0	\$0	\$0	\$0	\$0

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

The technology that GIN is built on is no longer supported and therefore if GIN were to fail, staff would no longer be able to track planning application information or update civic address data. By not replacing the GIN system, it could lead to issues with tracking planning applications which could lead to delays in processing applications. It is important to keep civic addresses current to ensure that emergency personnel can respond to a location in a timely manner.

8. Identify Sources and Amounts of Funding

	From Reserve - Planning General	From Reserve - Development Charges
2017	\$0	\$0
2018	\$0	\$0
2019	\$0	\$0
2020	\$0	\$0
2021	\$0	\$0
Total	\$ 0	\$ 0

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

Replacement of GIN with a long-term solution was recommended in the IT Strategic Plan.

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

There will be on-going maintenance required to the system in order to keep it current. If the system is not updated it could lead to delays in processing planning applications which could lead to appeals to the Ontario Municipal Board. It is anticipated that the costs for this project will be mostly paid for by development charges



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

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

Details of Project/Study: **Sourcewater Protection**

2. Total Gross Cost of Proposed Capital Project/Study: \$43,729

Construction	Consultant/Contractor	Equipment	Other (Specify)
			\$43,729

Funding received from the Provincial Government to cover the costs associated with implementing the Sourcewater Protection Plans.

Cost of Proposed Capital Project/Study in 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$0	\$0	\$0	\$0	\$0	\$0
Net	\$0	\$0	\$0	\$0	\$0	\$0

3. Estimated Useful Life:

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

Facility Name / Address	Municipality
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5. Need or Benefit(s) of Project (including safety issues):

Municipalities are required to implement the Sourcewater Protection Plans once approved by the Province. Funding has been provided to municipalities to implement the policies in the Plans.

6. Scheduling and Cost of Project/Study in 2016-2020 Capital Plan: Carry forward from 2015 budget

	2016	2017	2018	2019	2020	Total
Gross	\$0	\$0	\$0	\$0	\$0	\$0
Net	\$0	\$0	\$0	\$0	\$0	\$0

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

The intent of Sourcewater Protection Plans is to develop policies to protect municipal drinking water sources. By not implementing the Plans, measures to protect drinking water sources will not occur which could lead to future wellhead protection areas becoming contaminated.

8. Identify Sources and Amounts of Funding

	Fed/Prov Grants
2017	\$0
2018	\$0
2019	\$0
2020	\$0
2021	\$0
Total	\$0

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

Action Item 2.10 of the County Strategic Plan indicates that the County should continue to manage and direct growth through the creation and application of sound land use planning principles. Implementing the Sourcewater Protection Plans will assist with achieving the above noted Strategic Plan Action Item.

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



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

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

Details of Project/Study: **Sourcewater Protection Collaboration**

2. Total Gross Cost of Proposed Capital Project/Study: \$177,000

Construction	Consultant/Contractor	Equipment	Other (Specify)
	\$177,000		

Partnership Project between Bruce County, Grey County and local municipalities in both Grey and Bruce to create an 'RMO/RMO In-a-Box' document templates as well as a Property Tracking System to assist with the implementation of Sourcewater Protection Plans.

Cost of Proposed Capital Project/Study in 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$0	\$0	\$0	\$0	\$0	\$0
Net	\$0	\$0	\$0	\$0	\$0	\$0

3. Estimated Useful Life:

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

Facility Name / Address	Municipality
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5. Need or Benefit(s) of Project (including safety issues):

Municipalities are required to implement the Sourcewater Protection Plans once approved by the Province. Funding has been provided to municipalities to implement the policies in the Plans. This collaboration project will assist local municipalities with the implementation of sourcewater protection plans by creating document templates that the Risk Management Officials (RMO's) will require as well as creating a Property Tracking System so the RMO's can track items such as Risk Management Plans, etc.

6. Scheduling and Cost of Project/Study in 2016-2020 Capital Plan: Carry forward from 2015 Budget

	2016	2017	2018	2019	2020	Total
Gross	\$0	\$0	\$0	\$0	\$0	\$0
Net	\$0	\$0	\$0	\$0	\$0	\$0

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

The intent of Sourcewater Protection Plans is to develop policies to protect municipal drinking water sources. By not implementing the Plans, measures to protect drinking water sources will not occur which could lead to future wellhead protection areas becoming contaminated.

8. Identify Sources and Amounts of Funding

	Fed/Prov Grants	Partners - Lower Tier Municipalities	Partners - Bruce County
2017	\$0	\$0	\$0
2018	\$0	\$0	\$0
2019	\$0	\$0	\$0
2020	\$0	\$0	\$0
2021	\$0	\$0	\$0

Total	\$ 0	\$ 0	\$ 0
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9. Compliance with Council objective/strategic plan (if applicable):

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

Social Services Committee



SUMMARY OF FIVE YEAR CAPITAL & EXTRA-ORDINARY EXPENDITURES Social Services

PROJECT	2016 Approved Budget	2017-2021 Five Year Capital & Extra-Ordinary Expenditures					
		2017	2018	2019	2020	2021	TOTAL
Computers/Printers/Monitors Replacements	3,500	3,500	3,500	36,150	95,500	3,500	142,150
From Reserve - Computer Replacement Reserve	(3,500)	(3,500)	(3,500)	(36,150)	(95,500)	(3,500)	(142,150)
Ontario Early Years Centre Capital Improvements (BCA)							
To Reserve - Ontario Early Years Capital Reserve	18,600	18,600	18,600	18,600	18,600	18,600	93,000
Ontario Early Years Centre Accessibility Renovations							
To Reserve - Ontario Early Years Centre Accessibility Reserve	25,000	25,000	25,000	25,000	25,000	25,000	125,000
Child Care Operator's - Capital Costs Associated to Transition to Full Day Learning Program	41,272	10,599	10,599	10,599	10,599	10,599	52,995
Fed/Prov Grants	(41,272)	(10,599)	(10,599)	(10,599)	(10,599)	(10,599)	(52,995)
Retaining Walls and Asphalt Play Area at Ontario Early Years Centre	26,000						
From Reserve - Ontario Early Years Capital Reserve	(26,000)						
Exterior Door Replacement at Ontario Early Years Centre	8,470						
From Reserve - Ontario Early Years Capital Reserve	(8,470)						
Roof Replacement at Ontario Early Years Centre		54,000					54,000
From Reserve - Ontario Early Years Centre Capital Reserve		(54,000)					(54,000)
Cooling System at Ontario Early Years Centre		20,270					20,270
From Reserve - Ontario Early Years Centre Capital Reserve		(20,270)					(20,270)
Vinyl Floor Replacement at Ontario Early Years Centre						64,000	64,000
From Reserve - Ontario Early Years Capital Reserve						(64,000)	(64,000)
NET LEVY REQUIREMENTS	43,600	43,600	43,600	43,600	43,600	43,600	218,000



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

1. Department / Function: **Social Services**

Details of Project/Study: **Computers/Printers/Monitors Replacements**

2. Total Gross Cost of Proposed Capital Project/Study: \$142,150

Construction	Consultant/Contractor	Equipment	Other (Specify)
		\$142,150	

Cost of Proposed Capital Project/Study in 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$3,500	\$3,500	\$36,150	\$95,500	\$3,500	\$142,150
Net	\$0	\$0	\$0	\$0	\$0	\$0

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 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$3,500	\$3,500	\$3,500	\$34,300	\$95,750	\$140,550
Net	\$0	\$0	\$0	\$0	\$0	\$0

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 - Computer Replacement Reserve
2017	\$3,500
2018	\$3,500
2019	\$36,150
2020	\$95,500
2021	\$3,500
Total	\$142,150

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.



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

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 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$18,600	\$18,600	\$18,600	\$18,600	\$18,600	\$93,000
Net	\$18,600	\$18,600	\$18,600	\$18,600	\$18,600	\$93,000

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 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$18,600	\$18,600	\$18,600	\$18,600	\$18,600	\$93,000
Net	\$18,600	\$18,600	\$18,600	\$18,600	\$18,600	\$93,000

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
2017	\$18,600
2018	\$18,600
2019	\$18,600
2020	\$18,600
2021	\$18,600

Total	\$93,000
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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):



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

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 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$25,000	\$25,000	\$25,000	\$25,000	\$25,000	\$125,000
Net	\$25,000	\$25,000	\$25,000	\$25,000	\$25,000	\$125,000

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 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$25,000	\$25,000	\$25,000	\$25,000	\$25,000	\$125,000
Net	\$25,000	\$25,000	\$25,000	\$25,000	\$25,000	\$125,000

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

	To Reserve - Ontario Early Years Centre Accessibility Reserve
2017	\$25,000
2018	\$25,000
2019	\$25,000
2020	\$25,000
2021	\$25,000
Total	\$125,000

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):



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

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 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$10,599	\$10,599	\$10,599	\$10,599	\$10,599	\$52,995
Net	\$0	\$0	\$0	\$0	\$0	\$0

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 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$41,272	\$41,272	\$41,272	\$41,272	\$41,272	\$206,360
Net	\$0	\$0	\$0	\$0	\$0	\$0

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
2017	\$10,599
2018	\$10,599
2019	\$10,599
2020	\$10,599
2021	\$10,599
Total	\$52,995

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

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



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

1. Department / Function: **Social Services**

Details of Project/Study: **Roof Replacement at Ontario Early Years Centre**

2. Total Gross Cost of Proposed Capital Project/Study: \$54,000

Construction	Consultant/Contractor	Equipment	Other (Specify)
\$54,000			

Cost of Proposed Capital Project/Study in 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$54,000	\$0	\$0	\$0	\$0	\$54,000
Net	\$0	\$0	\$0	\$0	\$0	\$0

3. Estimated Useful Life: 20 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 flat roof at the Ontario Early Years Centre is nearing the end of its useful life with leaks occurring, substantial flashing deterioration, and evidence of substantial ponding of water along with delamination within the plies of the roof system itself.

6. Scheduling and Cost of Project/Study in 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$0	\$54,000	\$0	\$0	\$0	\$54,000
Net	\$0	\$0	\$0	\$0	\$0	\$0

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

The poor condition of the roof is allowing water entry into the building. This can cause damage to insulation, damage to the interior of the building and can develop into a mold problem.

8. Identify Sources and Amounts of Funding

	From Reserve - Ontario Early Years Centre Capital Reserve
2017	\$54,000
2018	\$0
2019	\$0
2020	\$0
2021	\$0
Total	\$54,000

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

The replacement of the roof 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):



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

1. Department / Function: **Social Services**

Details of Project/Study: **Cooling System at Ontario Early Years Centre**

2. Total Gross Cost of Proposed Capital Project/Study: \$20,270

Construction	Consultant/Contractor	Equipment	Other (Specify)
		\$20,270	

Cost of Proposed Capital Project/Study in 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$20,270	\$0	\$0	\$0	\$0	\$20,270
Net	\$0	\$0	\$0	\$0	\$0	\$0

3. Estimated Useful Life: 20 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):

Cooling in the Ontario Early Years Centre is supplied by two roof top air conditioning units which are approximately 20 years old. It was reported in the 2011 Building Condition Assessment Study that the two units are in poor condition and should be replaced at the end of their useful lives.

6. Scheduling and Cost of Project/Study in 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$0	\$20,270	\$0	\$0	\$0	\$20,270
Net	\$0	\$0	\$0	\$0	\$0	\$0

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

The cooling system is essential in the Early Years Centre and future repair costs to keep the units operational could become substantial if the two air conditioning units are not replaced at the end of their useful lives.

8. Identify Sources and Amounts of Funding

	From Reserve - Ontario Early Years Centre Capital Reserve
2017	\$20,270
2018	\$0
2019	\$0
2020	\$0
2021	\$0
Total	\$20,270

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

The replacement of this 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):



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

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 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$0	\$0	\$0	\$0	\$64,000	\$64,000
Net	\$0	\$0	\$0	\$0	\$0	\$0

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 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$0	\$0	\$0	\$0	\$0	\$0
Net	\$0	\$0	\$0	\$0	\$0	\$0

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
2017	\$0
2018	\$0
2019	\$0
2020	\$0
2021	\$64,000
Total	\$64,000

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):

Housing: 2017



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

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 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$50,000
Net	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$50,000

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 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$20,000	\$10,000	\$10,000	\$10,000	\$10,000	\$60,000
Net	\$20,000	\$10,000	\$10,000	\$10,000	\$10,000	\$60,000

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
2017	\$10,000
2018	\$10,000
2019	\$10,000
2020	\$10,000
2021	\$10,000
Total	\$50,000

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

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



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

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 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$40,000	\$30,000	\$30,000	\$40,000	\$40,000	\$180,000
Net	\$40,000	\$30,000	\$30,000	\$40,000	\$40,000	\$180,000

3. Estimated Useful Life: ongoing

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 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$30,000	\$40,000	\$30,000	\$30,000	\$40,000	\$170,000
Net	\$30,000	\$40,000	\$30,000	\$30,000	\$40,000	\$170,000

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
2017	\$40,000
2018	\$30,000
2019	\$30,000
2020	\$40,000
2021	\$40,000
Total	\$180,000

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):



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

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 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$25,000	\$25,000	\$25,000	\$25,000	\$25,000	\$125,000
Net	\$25,000	\$25,000	\$25,000	\$25,000	\$25,000	\$125,000

3. Estimated Useful Life: ongoing

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

Facility Name / Address	Municipality
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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 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$25,000	\$25,000	\$25,000	\$25,000	\$25,000	\$125,000
Net	\$25,000	\$25,000	\$25,000	\$25,000	\$25,000	\$125,000

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
2017	\$25,000
2018	\$25,000
2019	\$25,000
2020	\$25,000
2021	\$25,000
Total	\$125,000

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

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



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

1. Department / Function: **Housing -**

Details of Project/Study: **Consulting Fees (General)**

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 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$30,000	\$30,000	\$30,000	\$30,000	\$30,000	\$150,000
Net	\$30,000	\$30,000	\$30,000	\$30,000	\$30,000	\$150,000

3. Estimated Useful Life: ongoing

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

Facility Name / Address	Municipality
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5. Need or Benefit(s) of Project (including safety issues):

Currently approximately \$30,000 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 2016 budget requests \$40,000 with a portion of the funds proposed to conduct an assessment of some of the west side family units (bungalows).

6. Scheduling and Cost of Project/Study in 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$40,000	\$30,000	\$30,000	\$30,000	\$30,000	\$160,000
Net	\$40,000	\$30,000	\$30,000	\$30,000	\$30,000	\$160,000

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

Budget shortfall on project

8. Identify Sources and Amounts of Funding

	Taxation
2017	\$30,000
2018	\$30,000
2019	\$30,000
2020	\$30,000
2021	\$30,000
Total	\$150,000

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

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



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

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 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$50,000
Net	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$50,000

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 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$50,000
Net	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$50,000

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
2017	\$10,000
2018	\$10,000
2019	\$10,000
2020	\$10,000
2021	\$10,000
Total	\$50,000

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



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

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 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$15,000	\$15,000	\$15,000	\$15,000	\$15,000	\$75,000
Net	\$15,000	\$15,000	\$15,000	\$15,000	\$15,000	\$75,000

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 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$15,000	\$15,000	\$15,000	\$15,000	\$15,000	\$75,000
Net	\$15,000	\$15,000	\$15,000	\$15,000	\$15,000	\$75,000

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
2017	\$15,000
2018	\$15,000
2019	\$15,000
2020	\$15,000
2021	\$15,000
Total	\$75,000

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

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



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

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 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$50,000
Net	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$50,000

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 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$50,000
Net	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$50,000

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
2017	\$10,000
2018	\$10,000
2019	\$10,000
2020	\$10,000
2021	\$10,000
Total	\$50,000

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

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



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

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 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$20,000	\$20,000	\$20,000	\$20,000	\$20,000	\$100,000
Net	\$20,000	\$20,000	\$20,000	\$20,000	\$20,000	\$100,000

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 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$20,000	\$20,000	\$20,000	\$20,000	\$20,000	\$100,000
Net	\$20,000	\$20,000	\$20,000	\$20,000	\$20,000	\$100,000

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
2017	\$20,000
2018	\$20,000
2019	\$20,000
2020	\$20,000
2021	\$20,000
Total	\$100,000

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

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



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

1. Department / Function: **Housing -**

Details of Project/Study: **Exterior Painting - (Alpha Street, Owen Sound)**

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 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$50,000
Net	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$50,000

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 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$50,000
Net	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$50,000

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
2017	\$10,000
2018	\$10,000
2019	\$10,000
2020	\$10,000
2021	\$10,000
Total	\$50,000

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

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



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

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 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$500,000
Net	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$500,000

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 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$500,000
Net	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$500,000

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	Taxation	Taxation	Taxation	Taxation	Taxation
2017	\$0	\$100,000	\$0	\$0	\$0	\$0
2018	\$0	\$0	\$100,000	\$0	\$0	\$0
2019	\$0	\$0	\$0	\$100,000	\$0	\$0
2020	\$0	\$0	\$0	\$0	\$100,000	\$0
2021	\$0	\$0	\$0	\$0	\$0	\$100,000
Total	\$0	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000

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

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



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

1. Department / Function: **Housing - 2017**

Details of Project/Study: **Water Pipe Replacement (130 Rowe's Lane. Dundalk)**

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

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

11 unit building with crawl space for access to mechanical equipment. Replace existing main copper lines to units. Ongoing leaks due to the copper thin walling have increased operating costs.

Cost of Proposed Capital Project/Study in 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$10,000	\$0	\$0	\$0	\$0	\$10,000
Net	\$10,000	\$0	\$0	\$0	\$0	\$10,000

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):

replace existing water pipes as increase in maintenance due to pin holes in pipes due to age of plumbing system. Ongoing issues have risen due to age on piping system.

6. Scheduling and Cost of Project/Study in 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$0	\$0	\$0	\$0	\$0	\$0
Net	\$0	\$0	\$0	\$0	\$0	\$0

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

Increase in costs to send a plumber every time there is a single leak. Possible future damage may occur if major leak occurs.

8. Identify Sources and Amounts of Funding

	Taxation
2017	\$10,000
2018	\$0
2019	\$0
2020	\$0
2021	\$0
Total	\$10,000

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

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



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

1. Department / Function: **Housing - 2017**

Details of Project/Study: **Roof Replacement (43 Hill Street, Flesherton)**

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

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

Existing roof is over 15 years old. Many leaks were fixed in 2015. Existing roof is a flat roof. Housing is looking at a sloped roof to be installed to reduce future leaks. If slope roof can not be installed would replace the existing roof with a new flat roof system.

Cost of Proposed Capital Project/Study in 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$75,000	\$0	\$0	\$0	\$0	\$75,000
Net	\$75,000	\$0	\$0	\$0	\$0	\$75,000

3. Estimated Useful Life: 20

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):

Increase in leaks have caused minor damage to the interior finishes. If not replaced an increase in operating costs to fix the leaks may occur along with issues of mould.

6. Scheduling and Cost of Project/Study in 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$0	\$0	\$0	\$0	\$0	\$0
Net	\$0	\$0	\$0	\$0	\$0	\$0

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

If not replaced more damage may occur to the building envelope and structure.

8. Identify Sources and Amounts of Funding

	Taxation
2017	\$75,000
2018	\$0
2019	\$0
2020	\$0
2021	\$0
Total	\$75,000

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

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



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

1. Department / Function: **Housing - 2017**

Details of Project/Study: **Reclad Exterior (Family Units, Hanover)**

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

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

Built 1969, 4 buildings, 8 semi-detached family units. 4 - 3 bedroom, 2 - 4 bedroom, 2 - 5 bedroom. New vinyl siding to be installed along with rigid insulation and air barrier system to improve building envelope.

Cost of Proposed Capital Project/Study in 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$30,000	\$0	\$0	\$0	\$0	\$30,000
Net	\$30,000	\$0	\$0	\$0	\$0	\$30,000

3. Estimated Useful Life: 20 years

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

Facility Name / Address	Municipality
Family Units, Hanover	Town of Hanover

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

Original aluminum siding (1969) on one duplex at end of life cycle. Other unit cladding replaced recently. Balance of the family units are brick with no aluminum siding. Install new exterior insulation along with siding to reduce operating costs of the units.

6. Scheduling and Cost of Project/Study in 2016-2020 Capital Plan: 2013 - \$30,000

	2016	2017	2018	2019	2020	Total
Gross	\$0	\$30,000	\$0	\$0	\$0	\$30,000
Net	\$0	\$30,000	\$0	\$0	\$0	\$30,000

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

Continued deterioration of siding, weather penetration with possible mould build up. Building envelope needs to be improved to current codes standard to prevent future damage.

8. Identify Sources and Amounts of Funding

	Taxation
2017	\$30,000
2018	\$0
2019	\$0
2020	\$0
2021	\$0
Total	\$30,000

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

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



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

1. Department / Function: **Housing - 2017**

Details of Project/Study: **Ceiling and Light Replacement (250 12th Avenue, Hanover)**

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

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

New gypsum board ceiling and vapour barrier to be installed. Existing ceiling has many cracks and stucco finish contains asbestos material. By removing ceiling we decrease the health and safety concerns with trying to fix the damaged areas. New LED lighting will also be installed to reduce operating costs. Ground floor ceiling has already be replaced and LED lighting installed. 25 Units building. Second floor ceiling square footage of approx. 1100 sq.ft to be removed and replaced.

Cost of Proposed Capital Project/Study in 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$30,000	\$0	\$0	\$0	\$0	\$30,000
Net	\$30,000	\$0	\$0	\$0	\$0	\$30,000

3. Estimated Useful Life: 20 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):

Remove asbestos material from existing ceiling as shown in designated substance report.. Replace ceilings and original fluorescent lighting in halls and common areas. Health/Safety and security of tenants. Reduce hydro costs by installing new LED lighting.

6. Scheduling and Cost of Project/Study in 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$0	\$10,000	\$0	\$0	\$0	\$10,000
Net	\$0	\$10,000	\$0	\$0	\$0	\$10,000

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

High energy consumption and costs. Halls and common areas not as well lit. Cracks in ceiling create health and safety concerns if asbestos containing material is not properly removed.

8. Identify Sources and Amounts of Funding

	Taxation
2017	\$30,000
2018	\$0
2019	\$0
2020	\$0
2021	\$0
Total	\$30,000

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

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



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

1. Department / Function: **Housing - 2017**

Details of Project/Study: **Flooring replacment (392051 Main Street, Holstein)**

2. Total Gross Cost of Proposed Capital Project/Study: \$8,000

Construction	Consultant/Contractor	Equipment	Other (Specify)
\$8,000			

New slip resistant flooring to be installed in all common areas to prevent slips and fails. New flooring will require less maintenance and reduce operating costs. Materials used come with a 10 year warranty. 16 unit building with 600 sq. ft on second floor hallway to be removed and replaced. Replace flooring in each stairwell approx. 157 sq. ft. each. 2 stairwells in total

Cost of Proposed Capital Project/Study in 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$8,000	\$0	\$0	\$0	\$0	\$8,000
Net	\$8,000	\$0	\$0	\$0	\$0	\$8,000

3. Estimated Useful Life: 15 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):

Increase operating costs to clean the existing carpets. Traffic use from the use of scooters causes 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 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$0	\$0	\$0	\$0	\$0	\$0
Net	\$0	\$0	\$0	\$0	\$0	\$0

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
2017	\$8,000
2018	\$0
2019	\$0
2020	\$0
2021	\$0
Total	\$8,000

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

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



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

1. Department / Function: **Housing - 2017**

Details of Project/Study: **Window Replacement (99 Argyle Street, Markdale)**

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

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

New energy star rated windows to be installed to reduce overall heating costs to the units. Existing seals and caulking are showing signs of damage and in future could cause damage to the building envelope and structure of the building. 8 unit building with 21 large windows and common room windows to be replaced.

Cost of Proposed Capital Project/Study in 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$50,000	\$0	\$0	\$0	\$0	\$50,000
Net	\$0	\$0	\$0	\$0	\$0	\$0

3. Estimated Useful Life: 25 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):

Original windows from 1972. Caulking and seals at exterior of windows may create conditions where water can enter the building causing damage to the building envelope. Windows not energy efficient

6. Scheduling and Cost of Project/Study in 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$0	\$50,000	\$0	\$0	\$0	\$50,000
Net	\$0	\$0	\$0	\$0	\$0	\$0

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

Condensation, further deterioration, leaking and potential structural damage.

8. Identify Sources and Amounts of Funding

	From Reserve - Federal Gas Tax
2017	\$50,000
2018	\$0
2019	\$0
2020	\$0
2021	\$0
Total	\$50,000

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

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



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

1. Department / Function: **Housing - 2017**

Details of Project/Study: **Asphalt Lot and Retaining Wall (99 Argyle, Markdale)**

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. New parking lot surface will decrease slips and falls due to uneven surfaces. Retaining wall replacement, rotting wood in existing wall. 8 unit building with 6 parking spaces.

Cost of Proposed Capital Project/Study in 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$25,000	\$0	\$0	\$0	\$0	\$25,000
Net	\$25,000	\$0	\$0	\$0	\$0	\$25,000

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):

Asphalt reaching end of life cycle. Cracks and uneven surfaces create unsafe conditions to tenant. Increase of slips and falls. Increase in parking lot damage from freeze/thaw cycles as well as damage from snow removal.

6. Scheduling and Cost of Project/Study in 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$0	\$0	\$0	\$0	\$0	\$0
Net	\$0	\$0	\$0	\$0	\$0	\$0

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
2017	\$25,000
2018	\$0
2019	\$0
2020	\$0
2021	\$0
Total	\$25,000

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

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



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

1. Department / Function: **Housing - 2017**

Details of Project/Study: **Window Replacement (100 Margaret-Elizabeth Street, Markdale)**

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

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

New energy star rated windows to be installed to reduce overall heating costs to the units. Existing seals and caulking are showing signs of damage and in future could cause damage to the building envelope and structure of the building. 20 unit building with 45 windows to be replaced including windows in common areas.

Cost of Proposed Capital Project/Study in 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$50,000	\$0	\$0	\$0	\$0	\$50,000
Net	\$0	\$0	\$0	\$0	\$0	\$0

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):

At end of useful lifespan. Windows haven't been replaced since 1990. New windows to be installed are to have energy star rating to reduce heating consumption and reduce operating costs.

6. Scheduling and Cost of Project/Study in 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$0	\$50,000	\$0	\$0	\$0	\$50,000
Net	\$0	\$0	\$0	\$0	\$0	\$0

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

At end of useful lifespan, 26 year old windows. 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.

8. Identify Sources and Amounts of Funding

	From Reserve - Federal Gas Tax
2017	\$50,000
2018	\$0
2019	\$0
2020	\$0
2021	\$0
Total	\$50,000

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

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



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

1. Department / Function: **Housing - 2017**

Details of Project/Study: **Asphalt Parking Lot (17 Legion Road, Meaford)**

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. New parking lot surface will decrease slips and falls due to uneven surfaces. 30 unit building which has 18 parking spots plus interior driveway.

Cost of Proposed Capital Project/Study in 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$40,000	\$0	\$0	\$0	\$0	\$40,000
Net	\$40,000	\$0	\$0	\$0	\$0	\$40,000

3. Estimated Useful Life: 20 years

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

Facility Name / Address	Municipality
17 Legion Road	Municipality of Meaford

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

Asphalt reaching end of life cycle. Cracks and uneven surfaces create unsafe conditions to tenant. Increase risk of slips and falls. Increase in parking lot damage from freeze/thaw cycles as well as damage from snow removal.

6. Scheduling and Cost of Project/Study in 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$0	\$40,000	\$0	\$0	\$0	\$40,000
Net	\$0	\$40,000	\$0	\$0	\$0	\$40,000

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
2017	\$40,000
2018	\$0
2019	\$0
2020	\$0
2021	\$0
Total	\$40,000

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

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



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

1. Department / Function: **Housing - 2017**

Details of Project/Study: **Flooring Replacement (157 Nelson St, Meaford)**

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 reduce maintenance to reduce operating costs. Materials used come with a 10 year warranty. 8 unit building with approx. 760 sq.ft of flooring to be removed and replaced in corridor and common areas.

Cost of Proposed Capital Project/Study in 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$20,000	\$0	\$0	\$0	\$0	\$20,000
Net	\$20,000	\$0	\$0	\$0	\$0	\$20,000

3. Estimated Useful Life: 15 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):

Increase operating costs to clean the existing carpets. Traffic use from the use of scooters causes 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 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$0	\$0	\$0	\$0	\$0	\$0
Net	\$0	\$0	\$0	\$0	\$0	\$0

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
2017	\$20,000
2018	\$0
2019	\$0
2020	\$0
2021	\$0
Total	\$20,000

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

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



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

1. Department / Function: **Housing - 2017**

Details of Project/Study: **Window Replacement (Alpha Street, Owen Sound)**

2. Total Gross Cost of Proposed Capital Project/Study: \$250,000

Construction	Consultant/Contractor	Equipment	Other (Specify)
	\$250,000		

New energy star rated windows to be installed to reduce overall heating costs to the units. Existing seals and caulking are showing signs of damage and in future could cause damage to the building envelope and structure of the building. 68 units in total comprising of 10 - 4 Bedroom Units, 30 - 3 Bedroom Units and 28 - 2 Bedroom Units. Total number of windows to be replaced equals 332.

Cost of Proposed Capital Project/Study in 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$250,000	\$0	\$0	\$0	\$0	\$250,000
Net	\$0	\$0	\$0	\$0	\$0	\$0

3. Estimated Useful Life: 25 years

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

Facility Name / Address	Municipality
Alpha Street, Owen Sound	City of Owen Sound

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

Replace windows. Building Condition Assessment states aluminum windows should have a longer life expectancy however 50 % have failed and have condensation. This a family project where mould and mildew could present issues. New energy star rated windows to be installed to reduce heating costs for the units. 4 Bedroom units have 6 windows, 3 Bedroom units have 5 windows and 2 Bedroom units have 4 windows each.

6. Scheduling and Cost of Project/Study in 2016-2020 Capital Plan: 2013 - \$250,000

	2016	2017	2018	2019	2020	Total
Gross	\$0	\$250,000	\$0	\$0	\$0	\$250,000
Net	\$0	\$0	\$0	\$0	\$0	\$0

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 - Federal Gas Tax
2017	\$250,000
2018	\$0
2019	\$0
2020	\$0

2021	\$0
Total	\$250,000

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

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



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

1. Department / Function: **Housing - 2017**

Details of Project/Study: **Bath Rebuild (85 Lemon St, Thornbury)**

2. Total Gross Cost of Proposed Capital Project/Study: \$150,000

Construction	Consultant/Contractor	Equipment	Other (Specify)
	\$150,000		

Bathrooms are original for building in 1977. 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. 24 unit building with all bathrooms scheduled to be replaced.

Cost of Proposed Capital Project/Study in 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$150,000	\$0	\$0	\$0	\$0	\$150,000
Net	\$150,000	\$0	\$0	\$0	\$0	\$150,000

3. Estimated Useful Life: 15 years

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

Facility Name / Address	Municipality
85 Lemon St.	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 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$0	\$150,000	\$0	\$0	\$0	\$150,000
Net	\$0	\$150,000	\$0	\$0	\$0	\$150,000

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
2017	\$150,000
2018	\$0
2019	\$0
2020	\$0
2021	\$0
Total	\$150,000

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

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



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

1. Department / Function: **Housing -**

Details of Project/Study: **Basement/Foundation Repairs (General)**

2. Total Gross Cost of Proposed Capital Project/Study: \$25,000

Construction	Consultant/Contractor	Equipment	Other (Specify)
	\$25,000		

New waterproofing system to be installed when the unit is vacant due to leaks occurring in basements. New system includes water proof membrane, protection board, weeping tile system and sump pump.

Cost of Proposed Capital Project/Study in 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$25,000	\$0	\$0	\$0	\$0	\$25,000
Net	\$25,000	\$0	\$0	\$0	\$0	\$25,000

3. Estimated Useful Life:

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

Facility Name / Address	Municipality
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5. Need or Benefit(s) of Project (including safety issues):

Due to increase of water penetration through the existing foundation walls an increase of mould build up may be present in the units.

6. Scheduling and Cost of Project/Study in 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$0	\$0	\$0	\$0	\$0	\$0
Net	\$0	\$0	\$0	\$0	\$0	\$0

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

Health and safety concerns arise when the water leaks are not fixed. Mould and mildew may build up in the basements along with damage to the structure of the building.

8. Identify Sources and Amounts of Funding

	Taxation
2017	\$25,000
2018	\$0
2019	\$0
2020	\$0
2021	\$0
Total	\$25,000

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

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



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

1. Department / Function: **Housing -**

Details of Project/Study: **Transfer to Reserve - Future Infrastructure Needs**

2. Total Gross Cost of Proposed Capital Project/Study: \$1,786,266

Construction	Consultant/Contractor	Equipment	Other (Specify)
			\$1,786,266

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 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$633,278	\$367,092	\$241,196	\$394,756	\$149,944	\$1,786,266
Net	\$633,278	\$367,092	\$241,196	\$394,756	\$149,944	\$1,786,266

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 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$0	\$761,278	\$477,092	\$241,197	\$319,756	\$1,799,323
Net	\$0	\$761,278	\$477,092	\$241,197	\$319,756	\$1,799,323

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
2017	\$633,278
2018	\$367,092
2019	\$241,196
2020	\$394,756
2021	\$149,944
Total	\$1,786,266

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

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

Housing: 2018



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

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 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$50,000
Net	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$50,000

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 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$20,000	\$10,000	\$10,000	\$10,000	\$10,000	\$60,000
Net	\$20,000	\$10,000	\$10,000	\$10,000	\$10,000	\$60,000

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
2017	\$10,000
2018	\$10,000
2019	\$10,000
2020	\$10,000
2021	\$10,000
Total	\$50,000

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

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



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

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 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$40,000	\$30,000	\$30,000	\$40,000	\$40,000	\$180,000
Net	\$40,000	\$30,000	\$30,000	\$40,000	\$40,000	\$180,000

3. Estimated Useful Life: ongoing

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 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$30,000	\$40,000	\$30,000	\$30,000	\$40,000	\$170,000
Net	\$30,000	\$40,000	\$30,000	\$30,000	\$40,000	\$170,000

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
2017	\$40,000
2018	\$30,000
2019	\$30,000
2020	\$40,000
2021	\$40,000
Total	\$180,000

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):



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

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 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$25,000	\$25,000	\$25,000	\$25,000	\$25,000	\$125,000
Net	\$25,000	\$25,000	\$25,000	\$25,000	\$25,000	\$125,000

3. Estimated Useful Life: ongoing

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

Facility Name / Address	Municipality
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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 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$25,000	\$25,000	\$25,000	\$25,000	\$25,000	\$125,000
Net	\$25,000	\$25,000	\$25,000	\$25,000	\$25,000	\$125,000

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
2017	\$25,000
2018	\$25,000
2019	\$25,000
2020	\$25,000
2021	\$25,000
Total	\$125,000

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

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



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

1. Department / Function: **Housing -**

Details of Project/Study: **Consulting Fees (General)**

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 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$30,000	\$30,000	\$30,000	\$30,000	\$30,000	\$150,000
Net	\$30,000	\$30,000	\$30,000	\$30,000	\$30,000	\$150,000

3. Estimated Useful Life: ongoing

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

Facility Name / Address	Municipality
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5. Need or Benefit(s) of Project (including safety issues):

Currently approximately \$30,000 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 2016 budget requests \$40,000 with a portion of the funds proposed to conduct an assessment of some of the west side family units (bungalows).

6. Scheduling and Cost of Project/Study in 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$40,000	\$30,000	\$30,000	\$30,000	\$30,000	\$160,000
Net	\$40,000	\$30,000	\$30,000	\$30,000	\$30,000	\$160,000

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

Budget shortfall on project

8. Identify Sources and Amounts of Funding

	Taxation
2017	\$30,000
2018	\$30,000
2019	\$30,000
2020	\$30,000
2021	\$30,000
Total	\$150,000

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

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



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

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 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$50,000
Net	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$50,000

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 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$50,000
Net	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$50,000

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
2017	\$10,000
2018	\$10,000
2019	\$10,000
2020	\$10,000
2021	\$10,000
Total	\$50,000

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



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

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 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$15,000	\$15,000	\$15,000	\$15,000	\$15,000	\$75,000
Net	\$15,000	\$15,000	\$15,000	\$15,000	\$15,000	\$75,000

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 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$15,000	\$15,000	\$15,000	\$15,000	\$15,000	\$75,000
Net	\$15,000	\$15,000	\$15,000	\$15,000	\$15,000	\$75,000

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
2017	\$15,000
2018	\$15,000
2019	\$15,000
2020	\$15,000
2021	\$15,000
Total	\$75,000

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

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



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

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 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$50,000
Net	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$50,000

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 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$50,000
Net	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$50,000

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
2017	\$10,000
2018	\$10,000
2019	\$10,000
2020	\$10,000
2021	\$10,000
Total	\$50,000

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

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



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

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 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$20,000	\$20,000	\$20,000	\$20,000	\$20,000	\$100,000
Net	\$20,000	\$20,000	\$20,000	\$20,000	\$20,000	\$100,000

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 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$20,000	\$20,000	\$20,000	\$20,000	\$20,000	\$100,000
Net	\$20,000	\$20,000	\$20,000	\$20,000	\$20,000	\$100,000

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
2017	\$20,000
2018	\$20,000
2019	\$20,000
2020	\$20,000
2021	\$20,000
Total	\$100,000

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

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



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

1. Department / Function: **Housing -**

Details of Project/Study: **Exterior Painting - (Alpha Street, Owen Sound)**

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 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$50,000
Net	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$50,000

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 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$50,000
Net	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$50,000

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
2017	\$10,000
2018	\$10,000
2019	\$10,000
2020	\$10,000
2021	\$10,000
Total	\$50,000

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

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



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

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 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$500,000
Net	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$500,000

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 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$500,000
Net	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$500,000

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	Taxation	Taxation	Taxation	Taxation	Taxation
2017	\$0	\$100,000	\$0	\$0	\$0	\$0
2018	\$0	\$0	\$100,000	\$0	\$0	\$0
2019	\$0	\$0	\$0	\$100,000	\$0	\$0
2020	\$0	\$0	\$0	\$0	\$100,000	\$0
2021	\$0	\$0	\$0	\$0	\$0	\$100,000
Total	\$0	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000

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

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



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

1. Department / Function: **Housing -**

Details of Project/Study: **Basement/Foundation Repairs (General)**

2. Total Gross Cost of Proposed Capital Project/Study: \$25,000

Construction	Consultant/Contractor	Equipment	Other (Specify)
	\$25,000		

New waterproofing system to be installed when the unit is vacant due to leaks occurring in basements. New system includes water proof membrane, protection board, weeping tile system and sump pump.

Cost of Proposed Capital Project/Study in 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$25,000	\$0	\$0	\$0	\$0	\$25,000
Net	\$25,000	\$0	\$0	\$0	\$0	\$25,000

3. Estimated Useful Life:

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

Facility Name / Address	Municipality
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5. Need or Benefit(s) of Project (including safety issues):

Due to increase of water penetration through the existing foundation walls an increase of mould build up may be present in the units.

6. Scheduling and Cost of Project/Study in 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$0	\$0	\$0	\$0	\$0	\$0
Net	\$0	\$0	\$0	\$0	\$0	\$0

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

Health and safety concerns arise when the water leaks are not fixed. Mould and mildew may build up in the basements along with damage to the structure of the building.

8. Identify Sources and Amounts of Funding

	Taxation
2017	\$25,000
2018	\$0
2019	\$0
2020	\$0
2021	\$0
Total	\$25,000

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

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



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

1. Department / Function: **Housing -**

Details of Project/Study: **Transfer to Reserve - Future Infrastructure Needs**

2. Total Gross Cost of Proposed Capital Project/Study: \$1,786,266

Construction	Consultant/Contractor	Equipment	Other (Specify)
			\$1,786,266

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 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$633,278	\$367,092	\$241,196	\$394,756	\$149,944	\$1,786,266
Net	\$633,278	\$367,092	\$241,196	\$394,756	\$149,944	\$1,786,266

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 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$0	\$761,278	\$477,092	\$241,197	\$319,756	\$1,799,323
Net	\$0	\$761,278	\$477,092	\$241,197	\$319,756	\$1,799,323

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
2017	\$633,278
2018	\$367,092
2019	\$241,196
2020	\$394,756
2021	\$149,944
Total	\$1,786,266

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

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



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

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: \$14,000

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

New energy efficient Air Make Up Unit to be installed reducing operating costs.

Cost of Proposed Capital Project/Study in 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$0	\$14,000	\$0	\$0	\$0	\$14,000
Net	\$0	\$14,000	\$0	\$0	\$0	\$14,000

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 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$0	\$0	\$14,000	\$0	\$0	\$14,000
Net	\$0	\$0	\$14,000	\$0	\$0	\$14,000

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

Resident Comfort. Breakdowns, unscheduled repairs, increased operating expense

8. Identify Sources and Amounts of Funding

	Taxation
2017	\$0
2018	\$14,000
2019	\$0
2020	\$0
2021	\$0
Total	\$14,000

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

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



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

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 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$0	\$40,000	\$0	\$0	\$0	\$40,000
Net	\$0	\$40,000	\$0	\$0	\$0	\$40,000

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 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$0	\$0	\$40,000	\$0	\$0	\$40,000
Net	\$0	\$0	\$40,000	\$0	\$0	\$40,000

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

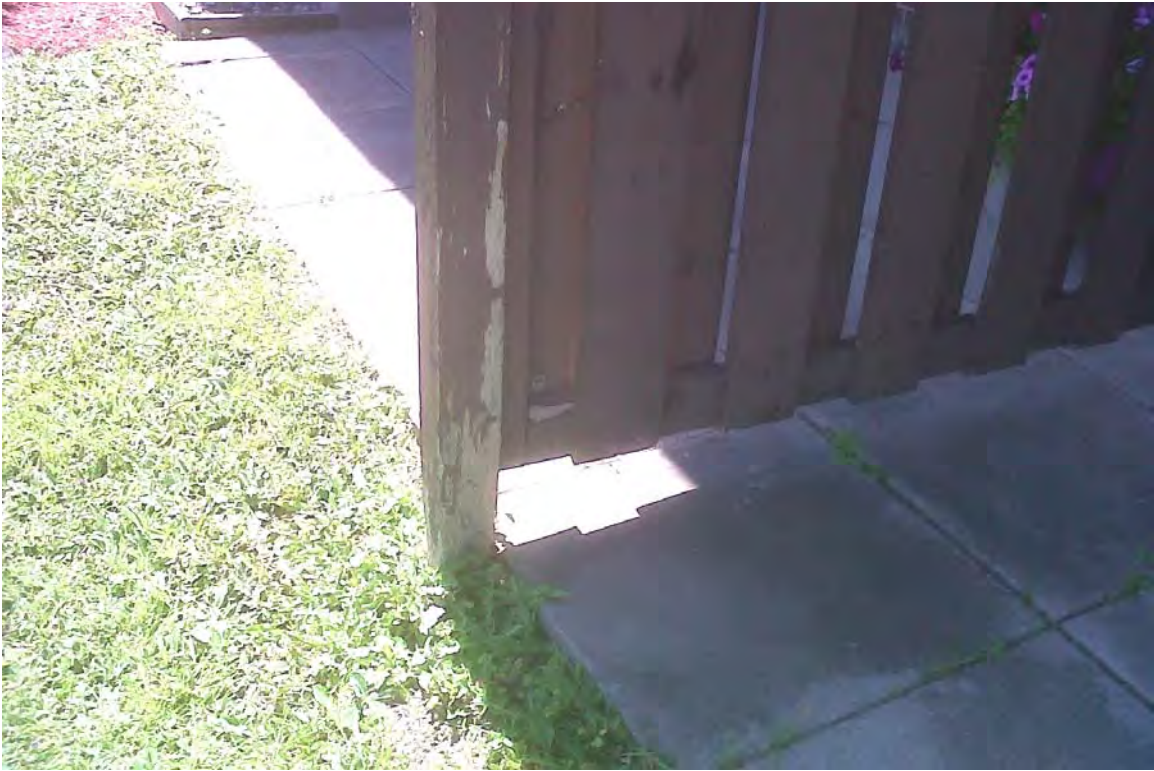
Trip hazard/ safety issue for residents and visitors.

8. Identify Sources and Amounts of Funding

	Taxation
2017	\$0
2018	\$40,000
2019	\$0
2020	\$0
2021	\$0
Total	\$40,000

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

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









CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

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 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$0	\$25,000	\$0	\$0	\$0	\$25,000
Net	\$0	\$25,000	\$0	\$0	\$0	\$25,000

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 to tenants

6. Scheduling and Cost of Project/Study in 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$0	\$25,000	\$0	\$0	\$0	\$25,000
Net	\$0	\$25,000	\$0	\$0	\$0	\$25,000

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
2017	\$0
2018	\$25,000
2019	\$0
2020	\$0
2021	\$0
Total	\$25,000

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

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



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

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 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$0	\$15,000	\$0	\$0	\$0	\$15,000
Net	\$0	\$15,000	\$0	\$0	\$0	\$15,000

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 to tenants

6. Scheduling and Cost of Project/Study in 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$0	\$0	\$15,000	\$0	\$0	\$15,000
Net	\$0	\$0	\$15,000	\$0	\$0	\$15,000

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
2017	\$0
2018	\$15,000
2019	\$0
2020	\$0
2021	\$0
Total	\$15,000

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

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



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

1. Department / Function: **Housing - 2018**

Details of Project/Study: **Roofing Replacement (392051 Main Street, Holstein)**

2. Total Gross Cost of Proposed Capital Project/Study: \$90,000

Construction	Consultant/Contractor	Equipment	Other (Specify)
	\$90,000		

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 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$0	\$90,000	\$0	\$0	\$0	\$90,000
Net	\$0	\$90,000	\$0	\$0	\$0	\$90,000

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 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$0	\$0	\$90,000	\$0	\$0	\$90,000
Net	\$0	\$0	\$90,000	\$0	\$0	\$90,000

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
2017	\$0
2018	\$90,000
2019	\$0
2020	\$0
2021	\$0
Total	\$90,000

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

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



**CORPORATION OF THE COUNTY OF GREY
2017-2021 CAPITAL PROJECT FORM**

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: \$16,000

Construction	Consultant/Contractor	Equipment	Other (Specify)
	\$16,000		

New energy star rated doors to be installed, replacing existing exterior wood doors.

Cost of Proposed Capital Project/Study in 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$0	\$16,000	\$0	\$0	\$0	\$16,000
Net	\$0	\$16,000	\$0	\$0	\$0	\$16,000

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 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$0	\$0	\$16,000	\$0	\$0	\$16,000
Net	\$0	\$0	\$16,000	\$0	\$0	\$16,000

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
2017	\$0
2018	\$16,000
2019	\$0
2020	\$0
2021	\$0
Total	\$16,000

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

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



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

1. Department / Function: **Housing - 2018**

Details of Project/Study: **Patio Surface/Dividers Upgrade (100 Margaret Elizabeth Street, Markdale)**

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

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

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 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$0	\$20,000	\$0	\$0	\$0	\$20,000
Net	\$0	\$20,000	\$0	\$0	\$0	\$20,000

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 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$0	\$0	\$20,000	\$0	\$0	\$20,000
Net	\$0	\$0	\$20,000	\$0	\$0	\$20,000

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
2017	\$0
2018	\$20,000
2019	\$0
2020	\$0
2021	\$0
Total	\$20,000

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

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



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

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 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$0	\$40,000	\$0	\$0	\$0	\$40,000
Net	\$0	\$40,000	\$0	\$0	\$0	\$40,000

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 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$0	\$0	\$40,000	\$0	\$0	\$40,000
Net	\$0	\$0	\$40,000	\$0	\$0	\$40,000

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
2017	\$0
2018	\$40,000
2019	\$0
2020	\$0
2021	\$0
Total	\$40,000

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

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



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

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 downs pout to be installed

Cost of Proposed Capital Project/Study in 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$0	\$120,000	\$0	\$0	\$0	\$120,000
Net	\$0	\$120,000	\$0	\$0	\$0	\$120,000

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 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$0	\$0	\$0	\$0	\$0	\$0
Net	\$0	\$0	\$0	\$0	\$0	\$0

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
2017	\$0
2018	\$120,000
2019	\$0
2020	\$0
2021	\$0
Total	\$120,000

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

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



**CORPORATION OF THE COUNTY OF GREY
2017-2021 CAPITAL PROJECT FORM**

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: \$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 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$0	\$20,000	\$0	\$0	\$0	\$20,000
Net	\$0	\$20,000	\$0	\$0	\$0	\$20,000

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 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$0	\$0	\$20,000	\$0	\$0	\$20,000
Net	\$0	\$0	\$20,000	\$0	\$0	\$20,000

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
2017	\$0
2018	\$20,000
2019	\$0
2020	\$0
2021	\$0
Total	\$20,000

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

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



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

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 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$0	\$165,000	\$0	\$0	\$0	\$165,000
Net	\$0	\$0	\$0	\$0	\$0	\$0

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 2016-2020 Capital Plan: n/a - new 2016

	2016	2017	2018	2019	2020	Total
Gross	\$0	\$0	\$165,000	\$0	\$0	\$165,000
Net	\$0	\$0	\$0	\$0	\$0	\$0

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
2017	\$0
2018	\$165,000
2019	\$0
2020	\$0
2021	\$0
Total	\$165,000

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

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



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

1. Department / Function: **Housing - 2018**

Details of Project/Study: **Air Makeup Replacement (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		

New energy efficient Air Make up Unit to be installed reducing operating costs.

Cost of Proposed Capital Project/Study in 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$0	\$60,000	\$0	\$0	\$0	\$60,000
Net	\$0	\$0	\$0	\$0	\$0	\$0

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):

To replace air make up system approaching end of service life. Gas fired, forced air. Replace with equivalent high efficiency unit

6. Scheduling and Cost of Project/Study in 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$0	\$0	\$60,000	\$0	\$0	\$60,000
Net	\$0	\$0	\$0	\$0	\$0	\$0

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

Continued repairs, poor air quality, higher energy usage and costs.

8. Identify Sources and Amounts of Funding

	From Reserve - Federal Gas Tax
2017	\$0
2018	\$60,000
2019	\$0
2020	\$0
2021	\$0
Total	\$60,000

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

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



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

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: \$280,000

Construction	Consultant/Contractor	Equipment	Other (Specify)
	\$280,000		

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 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$0	\$280,000	\$0	\$0	\$0	\$280,000
Net	\$0	\$280,000	\$0	\$0	\$0	\$280,000

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 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$0	\$0	\$280,000	\$0	\$0	\$280,000
Net	\$0	\$0	\$280,000	\$0	\$0	\$280,000

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

Health and safety (mould) Preventative maintenance

8. Identify Sources and Amounts of Funding

	Taxation
2017	\$0
2018	\$280,000
2019	\$0
2020	\$0
2021	\$0
Total	\$280,000

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

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



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

1. Department / Function: **Housing - 2018**

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 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$0	\$75,000	\$0	\$0	\$0	\$75,000
Net	\$0	\$75,000	\$0	\$0	\$0	\$75,000

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 to tenants

6. Scheduling and Cost of Project/Study in 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$0	\$0	\$75,000	\$0	\$0	\$75,000
Net	\$0	\$0	\$75,000	\$0	\$0	\$75,000

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
2017	\$0
2018	\$75,000
2019	\$0
2020	\$0
2021	\$0
Total	\$75,000

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

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



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

1. Department / Function: **Housing - 2018**

Details of Project/Study: **Building Condition Assessment**

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 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$0	\$125,000	\$0	\$0	\$0	\$125,000
Net	\$0	\$0	\$0	\$0	\$0	\$0

3. Estimated Useful Life: recommended to be completed every 5 years

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

Facility Name / Address	Municipality
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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 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$0	\$0	\$125,000	\$0	\$0	\$125,000
Net	\$0	\$0	\$0	\$0	\$0	\$0

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 - Federal Gas Tax
2017	\$0
2018	\$125,000
2019	\$0
2020	\$0
2021	\$0
Total	\$125,000

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

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

Housing: 2019



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

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 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$50,000
Net	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$50,000

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 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$20,000	\$10,000	\$10,000	\$10,000	\$10,000	\$60,000
Net	\$20,000	\$10,000	\$10,000	\$10,000	\$10,000	\$60,000

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
2017	\$10,000
2018	\$10,000
2019	\$10,000
2020	\$10,000
2021	\$10,000
Total	\$50,000

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

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



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

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 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$40,000	\$30,000	\$30,000	\$40,000	\$40,000	\$180,000
Net	\$40,000	\$30,000	\$30,000	\$40,000	\$40,000	\$180,000

3. Estimated Useful Life: ongoing

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 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$30,000	\$40,000	\$30,000	\$30,000	\$40,000	\$170,000
Net	\$30,000	\$40,000	\$30,000	\$30,000	\$40,000	\$170,000

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
2017	\$40,000
2018	\$30,000
2019	\$30,000
2020	\$40,000
2021	\$40,000
Total	\$180,000

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):



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

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 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$25,000	\$25,000	\$25,000	\$25,000	\$25,000	\$125,000
Net	\$25,000	\$25,000	\$25,000	\$25,000	\$25,000	\$125,000

3. **Estimated Useful Life:** ongoing

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

Facility Name / Address	Municipality
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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 2016-2020 Capital Plan:**

	2016	2017	2018	2019	2020	Total
Gross	\$25,000	\$25,000	\$25,000	\$25,000	\$25,000	\$125,000
Net	\$25,000	\$25,000	\$25,000	\$25,000	\$25,000	\$125,000

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
2017	\$25,000
2018	\$25,000
2019	\$25,000
2020	\$25,000
2021	\$25,000
Total	\$125,000

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

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



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

1. Department / Function: **Housing -**

Details of Project/Study: **Consulting Fees (General)**

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 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$30,000	\$30,000	\$30,000	\$30,000	\$30,000	\$150,000
Net	\$30,000	\$30,000	\$30,000	\$30,000	\$30,000	\$150,000

3. Estimated Useful Life: ongoing

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

Facility Name / Address	Municipality
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5. Need or Benefit(s) of Project (including safety issues):

Currently approximately \$30,000 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 2016 budget requests \$40,000 with a portion of the funds proposed to conduct an assessment of some of the west side family units (bungalows).

6. Scheduling and Cost of Project/Study in 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$40,000	\$30,000	\$30,000	\$30,000	\$30,000	\$160,000
Net	\$40,000	\$30,000	\$30,000	\$30,000	\$30,000	\$160,000

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

Budget shortfall on project

8. Identify Sources and Amounts of Funding

	Taxation
2017	\$30,000
2018	\$30,000
2019	\$30,000
2020	\$30,000
2021	\$30,000
Total	\$150,000

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

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



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

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 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$50,000
Net	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$50,000

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 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$50,000
Net	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$50,000

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
2017	\$10,000
2018	\$10,000
2019	\$10,000
2020	\$10,000
2021	\$10,000
Total	\$50,000

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



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

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 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$15,000	\$15,000	\$15,000	\$15,000	\$15,000	\$75,000
Net	\$15,000	\$15,000	\$15,000	\$15,000	\$15,000	\$75,000

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 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$15,000	\$15,000	\$15,000	\$15,000	\$15,000	\$75,000
Net	\$15,000	\$15,000	\$15,000	\$15,000	\$15,000	\$75,000

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
2017	\$15,000
2018	\$15,000
2019	\$15,000
2020	\$15,000
2021	\$15,000
Total	\$75,000

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

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



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

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 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$50,000
Net	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$50,000

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 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$50,000
Net	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$50,000

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
2017	\$10,000
2018	\$10,000
2019	\$10,000
2020	\$10,000
2021	\$10,000
Total	\$50,000

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

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



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

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 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$20,000	\$20,000	\$20,000	\$20,000	\$20,000	\$100,000
Net	\$20,000	\$20,000	\$20,000	\$20,000	\$20,000	\$100,000

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 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$20,000	\$20,000	\$20,000	\$20,000	\$20,000	\$100,000
Net	\$20,000	\$20,000	\$20,000	\$20,000	\$20,000	\$100,000

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
2017	\$20,000
2018	\$20,000
2019	\$20,000
2020	\$20,000
2021	\$20,000
Total	\$100,000

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

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



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

1. Department / Function: **Housing -**

Details of Project/Study: **Exterior Painting - (Alpha Street, Owen Sound)**

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 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$50,000
Net	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$50,000

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 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$50,000
Net	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$50,000

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
2017	\$10,000
2018	\$10,000
2019	\$10,000
2020	\$10,000
2021	\$10,000
Total	\$50,000

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

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



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

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 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$500,000
Net	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$500,000

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 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$500,000
Net	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$500,000

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	Taxation	Taxation	Taxation	Taxation	Taxation
2017	\$0	\$100,000	\$0	\$0	\$0	\$0
2018	\$0	\$0	\$100,000	\$0	\$0	\$0
2019	\$0	\$0	\$0	\$100,000	\$0	\$0
2020	\$0	\$0	\$0	\$0	\$100,000	\$0
2021	\$0	\$0	\$0	\$0	\$0	\$100,000
Total	\$0	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000

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

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



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

1. Department / Function: **Housing -**

Details of Project/Study: **Basement/Foundation Repairs (General)**

2. Total Gross Cost of Proposed Capital Project/Study: \$25,000

Construction	Consultant/Contractor	Equipment	Other (Specify)
	\$25,000		

New waterproofing system to be installed when the unit is vacant due to leaks occurring in basements. New system includes water proof membrane, protection board, weeping tile system and sump pump.

Cost of Proposed Capital Project/Study in 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$25,000	\$0	\$0	\$0	\$0	\$25,000
Net	\$25,000	\$0	\$0	\$0	\$0	\$25,000

3. Estimated Useful Life:

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

Facility Name / Address	Municipality
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5. Need or Benefit(s) of Project (including safety issues):

Due to increase of water penetration through the existing foundation walls an increase of mould build up may be present in the units.

6. Scheduling and Cost of Project/Study in 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$0	\$0	\$0	\$0	\$0	\$0
Net	\$0	\$0	\$0	\$0	\$0	\$0

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

Health and safety concerns arise when the water leaks are not fixed. Mould and mildew may build up in the basements along with damage to the structure of the building.

8. Identify Sources and Amounts of Funding

	Taxation
2017	\$25,000
2018	\$0
2019	\$0
2020	\$0
2021	\$0
Total	\$25,000

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

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



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

1. Department / Function: **Housing -**

Details of Project/Study: **Transfer to Reserve - Future Infrastructure Needs**

2. Total Gross Cost of Proposed Capital Project/Study: \$1,786,266

Construction	Consultant/Contractor	Equipment	Other (Specify)
			\$1,786,266

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 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$633,278	\$367,092	\$241,196	\$394,756	\$149,944	\$1,786,266
Net	\$633,278	\$367,092	\$241,196	\$394,756	\$149,944	\$1,786,266

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 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$0	\$761,278	\$477,092	\$241,197	\$319,756	\$1,799,323
Net	\$0	\$761,278	\$477,092	\$241,197	\$319,756	\$1,799,323

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
2017	\$633,278
2018	\$367,092
2019	\$241,196
2020	\$394,756
2021	\$149,944
Total	\$1,786,266

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

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



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

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 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$0	\$0	\$25,000	\$0	\$0	\$25,000
Net	\$0	\$0	\$25,000	\$0	\$0	\$25,000

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 to tenants

6. Scheduling and Cost of Project/Study in 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$0	\$0	\$0	\$25,000	\$0	\$25,000
Net	\$0	\$0	\$0	\$25,000	\$0	\$25,000

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
2017	\$0
2018	\$0
2019	\$25,000
2020	\$0
2021	\$0
Total	\$25,000

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

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



**CORPORATION OF THE COUNTY OF GREY
2017-2021 CAPITAL PROJECT FORM**

1. Department / Function: Housing - 2019

Details of Project/Study: Roofing Replacement - Steel (Durham Family Units)

2. Total Gross Cost of Proposed Capital Project/Study: \$35,000

Construction	Consultant/Contractor	Equipment	Other (Specify)
	\$35,000		

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 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$0	\$0	\$35,000	\$0	\$0	\$35,000
Net	\$0	\$0	\$35,000	\$0	\$0	\$35,000

3. Estimated Useful Life: 40 years

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

Facility Name / Address	Municipality
Durham Family Units	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 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$0	\$0	\$0	\$35,000	\$0	\$35,000
Net	\$0	\$0	\$0	\$35,000	\$0	\$35,000

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
2017	\$0
2018	\$0
2019	\$35,000
2020	\$0
2021	\$0
Total	\$35,000

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

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



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

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 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$0	\$0	\$15,000	\$0	\$0	\$15,000
Net	\$0	\$0	\$15,000	\$0	\$0	\$15,000

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 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$0	\$0	\$0	\$15,000	\$0	\$15,000
Net	\$0	\$0	\$0	\$15,000	\$0	\$15,000

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
2017	\$0
2018	\$0
2019	\$15,000
2020	\$0
2021	\$0
Total	\$15,000

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

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



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

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 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$0	\$0	\$70,000	\$0	\$0	\$70,000
Net	\$0	\$0	\$70,000	\$0	\$0	\$70,000

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 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$0	\$0	\$0	\$70,000	\$0	\$70,000
Net	\$0	\$0	\$0	\$70,000	\$0	\$70,000

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
2017	\$0
2018	\$0
2019	\$70,000
2020	\$0
2021	\$0
Total	\$70,000

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

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



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

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 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$0	\$0	\$10,000	\$0	\$0	\$10,000
Net	\$0	\$0	\$10,000	\$0	\$0	\$10,000

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 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$0	\$0	\$0	\$10,000	\$0	\$10,000
Net	\$0	\$0	\$0	\$10,000	\$0	\$10,000

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
2017	\$0
2018	\$0
2019	\$10,000
2020	\$0
2021	\$0
Total	\$10,000

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

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



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

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 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$0	\$0	\$60,000	\$0	\$0	\$60,000
Net	\$0	\$0	\$60,000	\$0	\$0	\$60,000

3. Estimated Useful Life:

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 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$0	\$0	\$0	\$60,000	\$0	\$60,000
Net	\$0	\$0	\$0	\$60,000	\$0	\$60,000

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
2017	\$0
2018	\$0
2019	\$60,000
2020	\$0
2021	\$0
Total	\$60,000

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

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



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

1. Department / Function: **Housing - 2019**

Details of Project/Study: **Ceiling/Lighting Replacement (214 11th Ave, Hanover)**

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

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

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 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$0	\$0	\$10,000	\$0	\$0	\$10,000
Net	\$0	\$0	\$10,000	\$0	\$0	\$10,000

3. Estimated Useful Life: 25 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):

Reduce energy consumption and provide greater visibility.

6. Scheduling and Cost of Project/Study in 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$0	\$0	\$0	\$10,000	\$0	\$10,000
Net	\$0	\$0	\$0	\$10,000	\$0	\$10,000

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

Increased energy costs.

8. Identify Sources and Amounts of Funding

	Taxation
2017	\$0
2018	\$0
2019	\$10,000
2020	\$0
2021	\$0
Total	\$10,000

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

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



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

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 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$0	\$0	\$20,000	\$0	\$0	\$20,000
Net	\$0	\$0	\$20,000	\$0	\$0	\$20,000

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 to tenants

6. Scheduling and Cost of Project/Study in 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$0	\$0	\$0	\$20,000	\$0	\$20,000
Net	\$0	\$0	\$0	\$20,000	\$0	\$20,000

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
2017	\$0
2018	\$0
2019	\$20,000
2020	\$0
2021	\$0
Total	\$20,000

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

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



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

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 existitng air makeup unit with a more energy efficient model to reduce energy costs.

Cost of Proposed Capital Project/Study in 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$0	\$0	\$25,000	\$0	\$0	\$25,000
Net	\$0	\$0	\$0	\$0	\$0	\$0

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 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$0	\$0	\$0	\$25,000	\$0	\$25,000
Net	\$0	\$0	\$0	\$0	\$0	\$0

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 - Federal Gas Tax
2017	\$0
2018	\$0
2019	\$25,000
2020	\$0
2021	\$0
Total	\$25,000

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

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



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

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 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$0	\$0	\$20,000	\$0	\$0	\$20,000
Net	\$0	\$0	\$20,000	\$0	\$0	\$20,000

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 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$0	\$0	\$0	\$20,000	\$0	\$20,000
Net	\$0	\$0	\$0	\$20,000	\$0	\$20,000

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
2017	\$0
2018	\$0
2019	\$20,000
2020	\$0
2021	\$0
Total	\$20,000

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

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



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

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 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$0	\$0	\$10,000	\$0	\$0	\$10,000
Net	\$0	\$0	\$10,000	\$0	\$0	\$10,000

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 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$0	\$0	\$0	\$10,000	\$0	\$10,000
Net	\$0	\$0	\$0	\$10,000	\$0	\$10,000

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
2017	\$0
2018	\$0
2019	\$10,000
2020	\$0
2021	\$0
Total	\$10,000

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

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



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

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: \$25,000

Construction	Consultant/Contractor	Equipment	Other (Specify)
	\$25,000		

Replace existing exterior new energy efficient doors. Front entrance redesign to meet current barrier free access.

Cost of Proposed Capital Project/Study in 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$0	\$0	\$25,000	\$0	\$0	\$25,000
Net	\$0	\$0	\$25,000	\$0	\$0	\$25,000

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 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$0	\$0	\$0	\$25,000	\$0	\$25,000
Net	\$0	\$0	\$0	\$25,000	\$0	\$25,000

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
2017	\$0
2018	\$0
2019	\$25,000
2020	\$0
2021	\$0
Total	\$25,000

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

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



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

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 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$0	\$0	\$50,000	\$0	\$0	\$50,000
Net	\$0	\$0	\$50,000	\$0	\$0	\$50,000

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 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$0	\$0	\$0	\$50,000	\$0	\$50,000
Net	\$0	\$0	\$0	\$50,000	\$0	\$50,000

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

Potential for trip and fall hazard.

8. Identify Sources and Amounts of Funding

	Taxation
2017	\$0
2018	\$0
2019	\$50,000
2020	\$0
2021	\$0
Total	\$50,000

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

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



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

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 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$0	\$0	\$60,000	\$0	\$0	\$60,000
Net	\$0	\$0	\$60,000	\$0	\$0	\$60,000

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 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$0	\$0	\$0	\$60,000	\$0	\$60,000
Net	\$0	\$0	\$0	\$60,000	\$0	\$60,000

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

Increase chances of slips and falls.

8. Identify Sources and Amounts of Funding

	Taxation
2017	\$0
2018	\$0
2019	\$60,000
2020	\$0
2021	\$0
Total	\$60,000

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

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



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

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 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$0	\$0	\$40,000	\$0	\$0	\$40,000
Net	\$0	\$0	\$40,000	\$0	\$0	\$40,000

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 to tenants

6. Scheduling and Cost of Project/Study in 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$0	\$0	\$0	\$40,000	\$0	\$40,000
Net	\$0	\$0	\$0	\$40,000	\$0	\$40,000

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
2017	\$0
2018	\$0
2019	\$40,000
2020	\$0
2021	\$0
Total	\$40,000

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

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



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

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: \$450,000

Construction	Consultant/Contractor	Equipment	Other (Specify)
	\$450,000		

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 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$0	\$0	\$450,000	\$0	\$0	\$450,000
Net	\$0	\$0	\$450,000	\$0	\$0	\$450,000

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 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$0	\$0	\$0	\$0	\$0	\$0
Net	\$0	\$0	\$0	\$0	\$0	\$0

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
2017	\$0
2018	\$0
2019	\$450,000
2020	\$0
2021	\$0
Total	\$450,000

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

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



**CORPORATION OF THE COUNTY OF GREY
2017-2021 CAPITAL PROJECT FORM**

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 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$0	\$0	\$50,000	\$0	\$0	\$50,000
Net	\$0	\$0	\$50,000	\$0	\$0	\$50,000

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 to tenants

6. Scheduling and Cost of Project/Study in 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$0	\$0	\$0	\$50,000	\$0	\$50,000
Net	\$0	\$0	\$0	\$50,000	\$0	\$50,000

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
2017	\$0
2018	\$0
2019	\$50,000
2020	\$0
2021	\$0
Total	\$50,000

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

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

Housing: 2020



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

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 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$50,000
Net	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$50,000

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 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$20,000	\$10,000	\$10,000	\$10,000	\$10,000	\$60,000
Net	\$20,000	\$10,000	\$10,000	\$10,000	\$10,000	\$60,000

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
2017	\$10,000
2018	\$10,000
2019	\$10,000
2020	\$10,000
2021	\$10,000
Total	\$50,000

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

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



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

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 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$40,000	\$30,000	\$30,000	\$40,000	\$40,000	\$180,000
Net	\$40,000	\$30,000	\$30,000	\$40,000	\$40,000	\$180,000

3. Estimated Useful Life: ongoing

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 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$30,000	\$40,000	\$30,000	\$30,000	\$40,000	\$170,000
Net	\$30,000	\$40,000	\$30,000	\$30,000	\$40,000	\$170,000

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
2017	\$40,000
2018	\$30,000
2019	\$30,000
2020	\$40,000
2021	\$40,000
Total	\$180,000

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):



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

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 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$25,000	\$25,000	\$25,000	\$25,000	\$25,000	\$125,000
Net	\$25,000	\$25,000	\$25,000	\$25,000	\$25,000	\$125,000

3. Estimated Useful Life: ongoing

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

Facility Name / Address	Municipality
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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 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$25,000	\$25,000	\$25,000	\$25,000	\$25,000	\$125,000
Net	\$25,000	\$25,000	\$25,000	\$25,000	\$25,000	\$125,000

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
2017	\$25,000
2018	\$25,000
2019	\$25,000
2020	\$25,000
2021	\$25,000
Total	\$125,000

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

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



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

1. Department / Function: **Housing -**

Details of Project/Study: **Consulting Fees (General)**

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 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$30,000	\$30,000	\$30,000	\$30,000	\$30,000	\$150,000
Net	\$30,000	\$30,000	\$30,000	\$30,000	\$30,000	\$150,000

3. Estimated Useful Life: ongoing

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

Facility Name / Address	Municipality
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5. Need or Benefit(s) of Project (including safety issues):

Currently approximately \$30,000 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 2016 budget requests \$40,000 with a portion of the funds proposed to conduct an assessment of some of the west side family units (bungalows).

6. Scheduling and Cost of Project/Study in 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$40,000	\$30,000	\$30,000	\$30,000	\$30,000	\$160,000
Net	\$40,000	\$30,000	\$30,000	\$30,000	\$30,000	\$160,000

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

Budget shortfall on project

8. Identify Sources and Amounts of Funding

	Taxation
2017	\$30,000
2018	\$30,000
2019	\$30,000
2020	\$30,000
2021	\$30,000
Total	\$150,000

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

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



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

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 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$50,000
Net	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$50,000

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 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$50,000
Net	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$50,000

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
2017	\$10,000
2018	\$10,000
2019	\$10,000
2020	\$10,000
2021	\$10,000
Total	\$50,000

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



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

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 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$15,000	\$15,000	\$15,000	\$15,000	\$15,000	\$75,000
Net	\$15,000	\$15,000	\$15,000	\$15,000	\$15,000	\$75,000

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 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$15,000	\$15,000	\$15,000	\$15,000	\$15,000	\$75,000
Net	\$15,000	\$15,000	\$15,000	\$15,000	\$15,000	\$75,000

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
2017	\$15,000
2018	\$15,000
2019	\$15,000
2020	\$15,000
2021	\$15,000
Total	\$75,000

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

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



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

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 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$50,000
Net	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$50,000

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 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$50,000
Net	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$50,000

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
2017	\$10,000
2018	\$10,000
2019	\$10,000
2020	\$10,000
2021	\$10,000
Total	\$50,000

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

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



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

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 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$20,000	\$20,000	\$20,000	\$20,000	\$20,000	\$100,000
Net	\$20,000	\$20,000	\$20,000	\$20,000	\$20,000	\$100,000

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 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$20,000	\$20,000	\$20,000	\$20,000	\$20,000	\$100,000
Net	\$20,000	\$20,000	\$20,000	\$20,000	\$20,000	\$100,000

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
2017	\$20,000
2018	\$20,000
2019	\$20,000
2020	\$20,000
2021	\$20,000
Total	\$100,000

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

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



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

1. Department / Function: **Housing -**

Details of Project/Study: **Exterior Painting - (Alpha Street, Owen Sound)**

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 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$50,000
Net	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$50,000

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 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$50,000
Net	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$50,000

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
2017	\$10,000
2018	\$10,000
2019	\$10,000
2020	\$10,000
2021	\$10,000
Total	\$50,000

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

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



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

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 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$500,000
Net	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$500,000

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 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$500,000
Net	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$500,000

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	Taxation	Taxation	Taxation	Taxation	Taxation
2017	\$0	\$100,000	\$0	\$0	\$0	\$0
2018	\$0	\$0	\$100,000	\$0	\$0	\$0
2019	\$0	\$0	\$0	\$100,000	\$0	\$0
2020	\$0	\$0	\$0	\$0	\$100,000	\$0
2021	\$0	\$0	\$0	\$0	\$0	\$100,000
Total	\$0	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000

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

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



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

1. Department / Function: **Housing -**

Details of Project/Study: **Basement/Foundation Repairs (General)**

2. Total Gross Cost of Proposed Capital Project/Study: \$25,000

Construction	Consultant/Contractor	Equipment	Other (Specify)
	\$25,000		

New waterproofing system to be installed when the unit is vacant due to leaks occurring in basements. New system includes water proof membrane, protection board, weeping tile system and sump pump.

Cost of Proposed Capital Project/Study in 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$25,000	\$0	\$0	\$0	\$0	\$25,000
Net	\$25,000	\$0	\$0	\$0	\$0	\$25,000

3. Estimated Useful Life:

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

Facility Name / Address	Municipality
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5. Need or Benefit(s) of Project (including safety issues):

Due to increase of water penetration through the existing foundation walls an increase of mould build up may be present in the units.

6. Scheduling and Cost of Project/Study in 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$0	\$0	\$0	\$0	\$0	\$0
Net	\$0	\$0	\$0	\$0	\$0	\$0

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

Health and safety concerns arise when the water leaks are not fixed. Mould and mildew may build up in the basements along with damage to the structure of the building.

8. Identify Sources and Amounts of Funding

	Taxation
2017	\$25,000
2018	\$0
2019	\$0
2020	\$0
2021	\$0
Total	\$25,000

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

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



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

1. Department / Function: **Housing -**

Details of Project/Study: **Transfer to Reserve - Future Infrastructure Needs**

2. Total Gross Cost of Proposed Capital Project/Study: \$1,786,266

Construction	Consultant/Contractor	Equipment	Other (Specify)
			\$1,786,266

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 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$633,278	\$367,092	\$241,196	\$394,756	\$149,944	\$1,786,266
Net	\$633,278	\$367,092	\$241,196	\$394,756	\$149,944	\$1,786,266

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 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$0	\$761,278	\$477,092	\$241,197	\$319,756	\$1,799,323
Net	\$0	\$761,278	\$477,092	\$241,197	\$319,756	\$1,799,323

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
2017	\$633,278
2018	\$367,092
2019	\$241,196
2020	\$394,756
2021	\$149,944
Total	\$1,786,266

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

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



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

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 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$0	\$0	\$0	\$30,000	\$0	\$30,000
Net	\$0	\$0	\$0	\$30,000	\$0	\$30,000

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 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$0	\$0	\$0	\$0	\$30,000	\$30,000
Net	\$0	\$0	\$0	\$0	\$30,000	\$30,000

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
2017	\$0
2018	\$0
2019	\$0
2020	\$30,000
2021	\$0
Total	\$30,000

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

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



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

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 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$0	\$0	\$0	\$15,000	\$0	\$15,000
Net	\$0	\$0	\$0	\$15,000	\$0	\$15,000

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 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$0	\$0	\$0	\$0	\$15,000	\$15,000
Net	\$0	\$0	\$0	\$0	\$15,000	\$15,000

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
2017	\$0
2018	\$0
2019	\$0
2020	\$15,000
2021	\$0
Total	\$15,000

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

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



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

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 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$0	\$0	\$0	\$10,000	\$0	\$10,000
Net	\$0	\$0	\$0	\$10,000	\$0	\$10,000

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 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$0	\$0	\$0	\$0	\$10,000	\$10,000
Net	\$0	\$0	\$0	\$0	\$10,000	\$10,000

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
2017	\$0
2018	\$0
2019	\$0
2020	\$10,000
2021	\$0
Total	\$10,000

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

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



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

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 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$0	\$0	\$0	\$25,000	\$0	\$25,000
Net	\$0	\$0	\$0	\$25,000	\$0	\$25,000

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 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$0	\$0	\$0	\$0	\$25,000	\$25,000
Net	\$0	\$0	\$0	\$0	\$25,000	\$25,000

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
2017	\$0
2018	\$0
2019	\$0
2020	\$25,000
2021	\$0
Total	\$25,000

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

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



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

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 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$0	\$0	\$0	\$80,000	\$0	\$80,000
Net	\$0	\$0	\$0	\$80,000	\$0	\$80,000

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 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$0	\$0	\$0	\$0	\$80,000	\$80,000
Net	\$0	\$0	\$0	\$0	\$80,000	\$80,000

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

Higher energy bills, future problems to building envelope.

8. Identify Sources and Amounts of Funding

	Taxation
2017	\$0
2018	\$0
2019	\$0
2020	\$80,000
2021	\$0
Total	\$80,000

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

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



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

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 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$0	\$0	\$0	\$12,000	\$0	\$12,000
Net	\$0	\$0	\$0	\$12,000	\$0	\$12,000

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 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$0	\$0	\$0	\$0	\$12,000	\$12,000
Net	\$0	\$0	\$0	\$0	\$12,000	\$12,000

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

Increase in maintenance costs.

8. Identify Sources and Amounts of Funding

	Taxation
2017	\$0
2018	\$0
2019	\$0
2020	\$12,000
2021	\$0
Total	\$12,000

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

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



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

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: \$50,000

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

Two Storey, 19 Unit Apartment

Cost of Proposed Capital Project/Study in 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$0	\$0	\$0	\$50,000	\$0	\$50,000
Net	\$0	\$0	\$0	\$50,000	\$0	\$50,000

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 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$0	\$0	\$0	\$0	\$50,000	\$50,000
Net	\$0	\$0	\$0	\$0	\$50,000	\$50,000

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
2017	\$0
2018	\$0
2019	\$0
2020	\$50,000
2021	\$0
Total	\$50,000

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

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



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

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 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$0	\$0	\$0	\$16,000	\$0	\$16,000
Net	\$0	\$0	\$0	\$16,000	\$0	\$16,000

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 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$0	\$0	\$0	\$0	\$16,000	\$16,000
Net	\$0	\$0	\$0	\$0	\$16,000	\$16,000

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

Increase in maintenance costs to repair doors.

8. Identify Sources and Amounts of Funding

	Taxation
2017	\$0
2018	\$0
2019	\$0
2020	\$16,000
2021	\$0
Total	\$16,000

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

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



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

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: \$50,000

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

Two Storey, 25 Unit Apartment

Cost of Proposed Capital Project/Study in 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$0	\$0	\$0	\$50,000	\$0	\$50,000
Net	\$0	\$0	\$0	\$50,000	\$0	\$50,000

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 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$0	\$0	\$0	\$0	\$50,000	\$50,000
Net	\$0	\$0	\$0	\$0	\$50,000	\$50,000

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
2017	\$0
2018	\$0
2019	\$0
2020	\$50,000
2021	\$0
Total	\$50,000

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

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



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

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 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$0	\$0	\$0	\$50,000	\$0	\$50,000
Net	\$0	\$0	\$0	\$50,000	\$0	\$50,000

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 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$0	\$0	\$0	\$0	\$50,000	\$50,000
Net	\$0	\$0	\$0	\$0	\$50,000	\$50,000

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
2017	\$0
2018	\$0
2019	\$0
2020	\$50,000
2021	\$0
Total	\$50,000

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

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



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

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: \$40,000

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

One Storey, 10 Unit Apartment

Cost of Proposed Capital Project/Study in 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$0	\$0	\$0	\$40,000	\$0	\$40,000
Net	\$0	\$0	\$0	\$40,000	\$0	\$40,000

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 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$0	\$0	\$0	\$0	\$40,000	\$40,000
Net	\$0	\$0	\$0	\$0	\$40,000	\$40,000

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
2017	\$0
2018	\$0
2019	\$0
2020	\$40,000
2021	\$0
Total	\$40,000

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

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



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

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 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$0	\$0	\$0	\$25,000	\$0	\$25,000
Net	\$0	\$0	\$0	\$25,000	\$0	\$25,000

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 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$0	\$0	\$0	\$0	\$25,000	\$25,000
Net	\$0	\$0	\$0	\$0	\$25,000	\$25,000

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

Increase in maintenance and hydro costs.

8. Identify Sources and Amounts of Funding

	Taxation
2017	\$0
2018	\$0
2019	\$0
2020	\$25,000
2021	\$0
Total	\$25,000

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

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



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

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: \$80,000

Construction	Consultant/Contractor	Equipment	Other (Specify)
	\$80,000		

Two Storey, 20 Unit Apartment

Cost of Proposed Capital Project/Study in 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$0	\$0	\$0	\$80,000	\$0	\$80,000
Net	\$0	\$0	\$0	\$80,000	\$0	\$80,000

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 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$0	\$0	\$0	\$0	\$80,000	\$80,000
Net	\$0	\$0	\$0	\$0	\$80,000	\$80,000

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
2017	\$0
2018	\$0
2019	\$0
2020	\$80,000
2021	\$0
Total	\$80,000

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

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



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

1. Department / Function: **Housing - 2020**

Details of Project/Study: **Exterior Doors (Family Units 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 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$0	\$0	\$0	\$25,000	\$0	\$25,000
Net	\$0	\$0	\$0	\$25,000	\$0	\$25,000

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 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$0	\$0	\$0	\$0	\$25,000	\$25,000
Net	\$0	\$0	\$0	\$0	\$25,000	\$25,000

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
2017	\$0
2018	\$0
2019	\$0
2020	\$25,000
2021	\$0
Total	\$25,000

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

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



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

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 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$0	\$0	\$0	\$15,000	\$0	\$15,000
Net	\$0	\$0	\$0	\$15,000	\$0	\$15,000

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 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$0	\$0	\$0	\$0	\$15,000	\$15,000
Net	\$0	\$0	\$0	\$0	\$15,000	\$15,000

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

Health and Safety concerns

8. Identify Sources and Amounts of Funding

	Taxation
2017	\$0
2018	\$0
2019	\$0
2020	\$15,000
2021	\$0
Total	\$15,000

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

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



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

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 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$0	\$0	\$0	\$60,000	\$0	\$60,000
Net	\$0	\$0	\$0	\$0	\$0	\$0

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 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$0	\$0	\$0	\$0	\$60,000	\$60,000
Net	\$0	\$0	\$0	\$0	\$0	\$0

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 - Federal Gas Tax
2017	\$0
2018	\$0
2019	\$0
2020	\$60,000
2021	\$0
Total	\$60,000

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

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



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

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 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$0	\$0	\$0	\$20,000	\$0	\$20,000
Net	\$0	\$0	\$0	\$20,000	\$0	\$20,000

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 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$0	\$0	\$0	\$0	\$20,000	\$20,000
Net	\$0	\$0	\$0	\$0	\$20,000	\$20,000

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
2017	\$0
2018	\$0
2019	\$0
2020	\$20,000
2021	\$0
Total	\$20,000

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

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



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

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 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$0	\$0	\$0	\$25,000	\$0	\$25,000
Net	\$0	\$0	\$0	\$25,000	\$0	\$25,000

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 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$0	\$0	\$0	\$0	\$25,000	\$25,000
Net	\$0	\$0	\$0	\$0	\$25,000	\$25,000

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
2017	\$0
2018	\$0
2019	\$0
2020	\$25,000
2021	\$0
Total	\$25,000

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

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



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

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 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$0	\$0	\$0	\$36,000	\$0	\$36,000
Net	\$0	\$0	\$0	\$36,000	\$0	\$36,000

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 is 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 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$0	\$0	\$0	\$0	\$36,000	\$36,000
Net	\$0	\$0	\$0	\$0	\$36,000	\$36,000

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
2017	\$0
2018	\$0
2019	\$0
2020	\$36,000
2021	\$0
Total	\$36,000

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

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



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

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: \$30,000

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

Two Storey, 56 Unit Apartment building located in Owen Sound.

Cost of Proposed Capital Project/Study in 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$0	\$0	\$0	\$30,000	\$0	\$30,000
Net	\$0	\$0	\$0	\$30,000	\$0	\$30,000

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 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$0	\$0	\$0	\$0	\$30,000	\$30,000
Net	\$0	\$0	\$0	\$0	\$30,000	\$30,000

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
2017	\$0
2018	\$0
2019	\$0
2020	\$30,000
2021	\$0
Total	\$30,000

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

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



**CORPORATION OF THE COUNTY OF GREY
2017-2021 CAPITAL PROJECT FORM**

1. Department / Function: Housing - 2020

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 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$0	\$0	\$0	\$125,000	\$0	\$125,000
Net	\$0	\$0	\$0	\$125,000	\$0	\$125,000

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 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$0	\$0	\$0	\$0	\$125,000	\$125,000
Net	\$0	\$0	\$0	\$0	\$125,000	\$125,000

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

Safety issue with deterioration of existing flooring

8. Identify Sources and Amounts of Funding

	Taxation
2017	\$0
2018	\$0
2019	\$0
2020	\$125,000
2021	\$0
Total	\$125,000

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

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



**CORPORATION OF THE COUNTY OF GREY
2017-2021 CAPITAL PROJECT FORM**

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 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$0	\$0	\$0	\$100,000	\$0	\$100,000
Net	\$0	\$0	\$0	\$100,000	\$0	\$100,000

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 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$0	\$0	\$0	\$0	\$100,000	\$100,000
Net	\$0	\$0	\$0	\$0	\$100,000	\$100,000

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
2017	\$0
2018	\$0
2019	\$0
2020	\$100,000
2021	\$0
Total	\$100,000

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

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

Housing: 2021



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

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 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$50,000
Net	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$50,000

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 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$20,000	\$10,000	\$10,000	\$10,000	\$10,000	\$60,000
Net	\$20,000	\$10,000	\$10,000	\$10,000	\$10,000	\$60,000

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
2017	\$10,000
2018	\$10,000
2019	\$10,000
2020	\$10,000
2021	\$10,000
Total	\$50,000

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

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



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

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 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$40,000	\$30,000	\$30,000	\$40,000	\$40,000	\$180,000
Net	\$40,000	\$30,000	\$30,000	\$40,000	\$40,000	\$180,000

3. Estimated Useful Life: ongoing

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 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$30,000	\$40,000	\$30,000	\$30,000	\$40,000	\$170,000
Net	\$30,000	\$40,000	\$30,000	\$30,000	\$40,000	\$170,000

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
2017	\$40,000
2018	\$30,000
2019	\$30,000
2020	\$40,000
2021	\$40,000
Total	\$180,000

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):



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

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 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$25,000	\$25,000	\$25,000	\$25,000	\$25,000	\$125,000
Net	\$25,000	\$25,000	\$25,000	\$25,000	\$25,000	\$125,000

3. Estimated Useful Life: ongoing

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

Facility Name / Address	Municipality
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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 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$25,000	\$25,000	\$25,000	\$25,000	\$25,000	\$125,000
Net	\$25,000	\$25,000	\$25,000	\$25,000	\$25,000	\$125,000

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
2017	\$25,000
2018	\$25,000
2019	\$25,000
2020	\$25,000
2021	\$25,000
Total	\$125,000

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

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



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

1. Department / Function: **Housing -**

Details of Project/Study: **Consulting Fees (General)**

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 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$30,000	\$30,000	\$30,000	\$30,000	\$30,000	\$150,000
Net	\$30,000	\$30,000	\$30,000	\$30,000	\$30,000	\$150,000

3. Estimated Useful Life: ongoing

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

Facility Name / Address	Municipality
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5. Need or Benefit(s) of Project (including safety issues):

Currently approximately \$30,000 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 2016 budget requests \$40,000 with a portion of the funds proposed to conduct an assessment of some of the west side family units (bungalows).

6. Scheduling and Cost of Project/Study in 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$40,000	\$30,000	\$30,000	\$30,000	\$30,000	\$160,000
Net	\$40,000	\$30,000	\$30,000	\$30,000	\$30,000	\$160,000

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

Budget shortfall on project

8. Identify Sources and Amounts of Funding

	Taxation
2017	\$30,000
2018	\$30,000
2019	\$30,000
2020	\$30,000
2021	\$30,000
Total	\$150,000

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

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



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

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 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$50,000
Net	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$50,000

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 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$50,000
Net	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$50,000

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
2017	\$10,000
2018	\$10,000
2019	\$10,000
2020	\$10,000
2021	\$10,000
Total	\$50,000

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



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

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 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$15,000	\$15,000	\$15,000	\$15,000	\$15,000	\$75,000
Net	\$15,000	\$15,000	\$15,000	\$15,000	\$15,000	\$75,000

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 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$15,000	\$15,000	\$15,000	\$15,000	\$15,000	\$75,000
Net	\$15,000	\$15,000	\$15,000	\$15,000	\$15,000	\$75,000

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
2017	\$15,000
2018	\$15,000
2019	\$15,000
2020	\$15,000
2021	\$15,000
Total	\$75,000

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

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



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

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 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$50,000
Net	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$50,000

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 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$50,000
Net	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$50,000

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
2017	\$10,000
2018	\$10,000
2019	\$10,000
2020	\$10,000
2021	\$10,000
Total	\$50,000

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

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



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

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 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$20,000	\$20,000	\$20,000	\$20,000	\$20,000	\$100,000
Net	\$20,000	\$20,000	\$20,000	\$20,000	\$20,000	\$100,000

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 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$20,000	\$20,000	\$20,000	\$20,000	\$20,000	\$100,000
Net	\$20,000	\$20,000	\$20,000	\$20,000	\$20,000	\$100,000

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
2017	\$20,000
2018	\$20,000
2019	\$20,000
2020	\$20,000
2021	\$20,000
Total	\$100,000

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

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



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

1. Department / Function: **Housing -**

Details of Project/Study: **Exterior Painting - (Alpha Street, Owen Sound)**

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 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$50,000
Net	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$50,000

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 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$50,000
Net	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$50,000

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
2017	\$10,000
2018	\$10,000
2019	\$10,000
2020	\$10,000
2021	\$10,000
Total	\$50,000

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

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



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

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 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$500,000
Net	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$500,000

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 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$500,000
Net	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$500,000

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	Taxation	Taxation	Taxation	Taxation	Taxation
2017	\$0	\$100,000	\$0	\$0	\$0	\$0
2018	\$0	\$0	\$100,000	\$0	\$0	\$0
2019	\$0	\$0	\$0	\$100,000	\$0	\$0
2020	\$0	\$0	\$0	\$0	\$100,000	\$0
2021	\$0	\$0	\$0	\$0	\$0	\$100,000
Total	\$0	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000

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

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



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

1. Department / Function: **Housing -**

Details of Project/Study: **Basement/Foundation Repairs (General)**

2. Total Gross Cost of Proposed Capital Project/Study: \$25,000

Construction	Consultant/Contractor	Equipment	Other (Specify)
	\$25,000		

New waterproofing system to be installed when the unit is vacant due to leaks occurring in basements. New system includes water proof membrane, protection board, weeping tile system and sump pump.

Cost of Proposed Capital Project/Study in 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$25,000	\$0	\$0	\$0	\$0	\$25,000
Net	\$25,000	\$0	\$0	\$0	\$0	\$25,000

3. Estimated Useful Life:

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

Facility Name / Address	Municipality
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5. Need or Benefit(s) of Project (including safety issues):

Due to increase of water penetration through the existing foundation walls an increase of mould build up may be present in the units.

6. Scheduling and Cost of Project/Study in 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$0	\$0	\$0	\$0	\$0	\$0
Net	\$0	\$0	\$0	\$0	\$0	\$0

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

Health and safety concerns arise when the water leaks are not fixed. Mould and mildew may build up in the basements along with damage to the structure of the building.

8. Identify Sources and Amounts of Funding

	Taxation
2017	\$25,000
2018	\$0
2019	\$0
2020	\$0
2021	\$0
Total	\$25,000

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

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



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

1. Department / Function: **Housing -**

Details of Project/Study: **Transfer to Reserve - Future Infrastructure Needs**

2. Total Gross Cost of Proposed Capital Project/Study: \$1,786,266

Construction	Consultant/Contractor	Equipment	Other (Specify)
			\$1,786,266

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 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$633,278	\$367,092	\$241,196	\$394,756	\$149,944	\$1,786,266
Net	\$633,278	\$367,092	\$241,196	\$394,756	\$149,944	\$1,786,266

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 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$0	\$761,278	\$477,092	\$241,197	\$319,756	\$1,799,323
Net	\$0	\$761,278	\$477,092	\$241,197	\$319,756	\$1,799,323

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
2017	\$633,278
2018	\$367,092
2019	\$241,196
2020	\$394,756
2021	\$149,944
Total	\$1,786,266

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

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



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

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: \$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.

Cost of Proposed Capital Project/Study in 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$0	\$0	\$0	\$0	\$40,000	\$40,000
Net	\$0	\$0	\$0	\$0	\$40,000	\$40,000

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 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$0	\$0	\$0	\$0	\$0	\$0
Net	\$0	\$0	\$0	\$0	\$0	\$0

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
2017	\$0
2018	\$0
2019	\$0
2020	\$0
2021	\$40,000
Total	\$40,000

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

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



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

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 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$0	\$0	\$0	\$0	\$150,000	\$150,000
Net	\$0	\$0	\$0	\$0	\$150,000	\$150,000

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 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$0	\$0	\$0	\$0	\$0	\$0
Net	\$0	\$0	\$0	\$0	\$0	\$0

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
2017	\$0
2018	\$0
2019	\$0
2020	\$0
2021	\$150,000
Total	\$150,000

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

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



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

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: \$20,000

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

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 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$0	\$0	\$0	\$0	\$20,000	\$20,000
Net	\$0	\$0	\$0	\$0	\$20,000	\$20,000

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 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$0	\$0	\$0	\$0	\$0	\$0
Net	\$0	\$0	\$0	\$0	\$0	\$0

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
2017	\$0
2018	\$0
2019	\$0
2020	\$0
2021	\$20,000
Total	\$20,000

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

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



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

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 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$0	\$0	\$0	\$0	\$20,000	\$20,000
Net	\$0	\$0	\$0	\$0	\$20,000	\$20,000

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 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$0	\$0	\$0	\$0	\$0	\$0
Net	\$0	\$0	\$0	\$0	\$0	\$0

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
2017	\$0
2018	\$0
2019	\$0
2020	\$0
2021	\$20,000
Total	\$20,000

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

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



**CORPORATION OF THE COUNTY OF GREY
2017-2021 CAPITAL PROJECT FORM**

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: \$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. Install new LED lighting to reduce hydro consumption.

Cost of Proposed Capital Project/Study in 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$0	\$0	\$0	\$0	\$55,000	\$55,000
Net	\$0	\$0	\$0	\$0	\$55,000	\$55,000

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 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$0	\$0	\$0	\$0	\$0	\$0
Net	\$0	\$0	\$0	\$0	\$0	\$0

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
2017	\$0
2018	\$0
2019	\$0
2020	\$0
2021	\$55,000
Total	\$55,000

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

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



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

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 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$0	\$0	\$0	\$0	\$25,000	\$25,000
Net	\$0	\$0	\$0	\$0	\$25,000	\$25,000

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 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$0	\$0	\$0	\$0	\$0	\$0
Net	\$0	\$0	\$0	\$0	\$0	\$0

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
2017	\$0
2018	\$0
2019	\$0
2020	\$0
2021	\$25,000
Total	\$25,000

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

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



**CORPORATION OF THE COUNTY OF GREY
2017-2021 CAPITAL PROJECT FORM**

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 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$0	\$0	\$0	\$0	\$100,000	\$100,000
Net	\$0	\$0	\$0	\$0	\$100,000	\$100,000

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 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$0	\$0	\$0	\$0	\$0	\$0
Net	\$0	\$0	\$0	\$0	\$0	\$0

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
2017	\$0
2018	\$0
2019	\$0
2020	\$0
2021	\$100,000
Total	\$100,000

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

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



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

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 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$0	\$0	\$0	\$0	\$35,000	\$35,000
Net	\$0	\$0	\$0	\$0	\$35,000	\$35,000

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 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$0	\$0	\$0	\$0	\$0	\$0
Net	\$0	\$0	\$0	\$0	\$0	\$0

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
2017	\$0
2018	\$0
2019	\$0
2020	\$0
2021	\$35,000
Total	\$35,000

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

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



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

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 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$0	\$0	\$0	\$0	\$75,000	\$75,000
Net	\$0	\$0	\$0	\$0	\$75,000	\$75,000

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 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$0	\$0	\$0	\$0	\$0	\$0
Net	\$0	\$0	\$0	\$0	\$0	\$0

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
2017	\$0
2018	\$0
2019	\$0
2020	\$0
2021	\$75,000
Total	\$75,000

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

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



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

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 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$0	\$0	\$0	\$0	\$60,000	\$60,000
Net	\$0	\$0	\$0	\$0	\$60,000	\$60,000

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 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$0	\$0	\$0	\$0	\$0	\$0
Net	\$0	\$0	\$0	\$0	\$0	\$0

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
2017	\$0
2018	\$0
2019	\$0
2020	\$0
2021	\$60,000
Total	\$60,000

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

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



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

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: \$30,000

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

Replace existing steel railing which are original to the building with new low maintenance aluminum railings.

Cost of Proposed Capital Project/Study in 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$0	\$0	\$0	\$0	\$30,000	\$30,000
Net	\$0	\$0	\$0	\$0	\$30,000	\$30,000

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 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$0	\$0	\$0	\$0	\$0	\$0
Net	\$0	\$0	\$0	\$0	\$0	\$0

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
2017	\$0
2018	\$0
2019	\$0
2020	\$0
2021	\$30,000
Total	\$30,000

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

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



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

1. Department / Function: **Housing - 2021**

Details of Project/Study: **Concrete Replacement, 481 11th Street, Hanover**

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

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

Replace existing concrete pavers with solid concrete slab. 5" thick concrete with expansion and control joints.

Cost of Proposed Capital Project/Study in 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$0	\$0	\$0	\$0	\$20,000	\$20,000
Net	\$0	\$0	\$0	\$0	\$20,000	\$20,000

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 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$0	\$0	\$0	\$0	\$0	\$0
Net	\$0	\$0	\$0	\$0	\$0	\$0

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
2017	\$0
2018	\$0
2019	\$0
2020	\$0
2021	\$20,000
Total	\$20,000

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

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



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

1. Department / Function: **Housing - 2021**

Details of Project/Study: **Emergency Generator (250 12th Ave Hanover)**

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 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$0	\$0	\$0	\$0	\$25,000	\$25,000
Net	\$0	\$0	\$0	\$0	\$25,000	\$25,000

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 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$0	\$0	\$0	\$0	\$0	\$0
Net	\$0	\$0	\$0	\$0	\$0	\$0

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
2017	\$0
2018	\$0
2019	\$0
2020	\$0
2021	\$25,000
Total	\$25,000

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

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



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

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: \$25,000

Construction	Consultant/Contractor	Equipment	Other (Specify)
	\$25,000		

Replace existing steel railing which are original to the building with new low maintenance aluminum railings.

Cost of Proposed Capital Project/Study in 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$0	\$0	\$0	\$0	\$25,000	\$25,000
Net	\$0	\$0	\$0	\$0	\$25,000	\$25,000

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 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$0	\$0	\$0	\$0	\$0	\$0
Net	\$0	\$0	\$0	\$0	\$0	\$0

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

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8. Identify Sources and Amounts of Funding

	Taxation
2017	\$0
2018	\$0
2019	\$0
2020	\$0
2021	\$25,000
Total	\$25,000

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

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



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

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 sold steel doors with a higher fire rating. With ongoing issues with scooters interiors wood doors damage much easier.

Cost of Proposed Capital Project/Study in 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$0	\$0	\$0	\$0	\$20,000	\$20,000
Net	\$0	\$0	\$0	\$0	\$20,000	\$20,000

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 then 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 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$0	\$0	\$0	\$0	\$0	\$0
Net	\$0	\$0	\$0	\$0	\$0	\$0

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
2017	\$0
2018	\$0
2019	\$0
2020	\$0
2021	\$20,000
Total	\$20,000

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

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



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

1. Department / Function: **Housing - 2021**

Details of Project/Study: **Kitchen Rebuilds (159 Parker Street Meaford)**

2. Total Gross Cost of Proposed Capital Project/Study: \$120,000

Construction	Consultant/Contractor	Equipment	Other (Specify)
	\$120,000		

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 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$0	\$0	\$0	\$0	\$120,000	\$120,000
Net	\$0	\$0	\$0	\$0	\$120,000	\$120,000

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 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$0	\$0	\$0	\$0	\$0	\$0
Net	\$0	\$0	\$0	\$0	\$0	\$0

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
2017	\$0
2018	\$0
2019	\$0
2020	\$0
2021	\$120,000
Total	\$120,000

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

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



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

1. Department / Function: **Housing - 2021**

Details of Project/Study: **Roof Replacement (Alpha Street, Owen Sound)**

2. Total Gross Cost of Proposed Capital Project/Study: \$150,000

Construction	Consultant/Contractor	Equipment	Other (Specify)
	\$150,000		

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 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$0	\$0	\$0	\$0	\$150,000	\$150,000
Net	\$0	\$0	\$0	\$0	\$150,000	\$150,000

3. Estimated Useful Life: 40 years

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

Facility Name / Address	Municipality
Alpha Street	City of Owen Sound

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 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$0	\$0	\$0	\$0	\$0	\$0
Net	\$0	\$0	\$0	\$0	\$0	\$0

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
2017	\$0
2018	\$0
2019	\$0
2020	\$0
2021	\$150,000
Total	\$150,000

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

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



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

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: \$15,000

Construction	Consultant/Contractor	Equipment	Other (Specify)
	\$15,000		

Replace existing steel railing which are original to the building with new low maintenance aluminum railings.

Cost of Proposed Capital Project/Study in 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$0	\$0	\$0	\$0	\$15,000	\$15,000
Net	\$0	\$0	\$0	\$0	\$15,000	\$15,000

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 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$0	\$0	\$0	\$0	\$0	\$0
Net	\$0	\$0	\$0	\$0	\$0	\$0

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
2017	\$0
2018	\$0
2019	\$0
2020	\$0
2021	\$15,000
Total	\$15,000

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

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



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

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 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$0	\$0	\$0	\$0	\$60,000	\$60,000
Net	\$0	\$0	\$0	\$0	\$60,000	\$60,000

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 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$0	\$0	\$0	\$0	\$0	\$0
Net	\$0	\$0	\$0	\$0	\$0	\$0

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
2017	\$0
2018	\$0
2019	\$0
2020	\$0
2021	\$60,000
Total	\$60,000

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

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



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

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 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$0	\$0	\$0	\$0	\$55,000	\$55,000
Net	\$0	\$0	\$0	\$0	\$55,000	\$55,000

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 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$0	\$0	\$0	\$0	\$0	\$0
Net	\$0	\$0	\$0	\$0	\$0	\$0

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
2017	\$0
2018	\$0
2019	\$0
2020	\$0
2021	\$55,000
Total	\$55,000

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

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



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

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: \$30,000

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

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 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$0	\$0	\$0	\$0	\$30,000	\$30,000
Net	\$0	\$0	\$0	\$0	\$30,000	\$30,000

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 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$0	\$0	\$0	\$0	\$0	\$0
Net	\$0	\$0	\$0	\$0	\$0	\$0

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
2017	\$0
2018	\$0
2019	\$0
2020	\$0
2021	\$30,000
Total	\$30,000

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

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



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

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 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$0	\$0	\$0	\$0	\$50,000	\$50,000
Net	\$0	\$0	\$0	\$0	\$50,000	\$50,000

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 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$0	\$0	\$0	\$0	\$0	\$0
Net	\$0	\$0	\$0	\$0	\$0	\$0

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
2017	\$0
2018	\$0
2019	\$0
2020	\$0
2021	\$50,000
Total	\$50,000

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

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

Grey Gables



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

1. Department / Function: **Grey Gables**

Details of Project/Study: **Interior Lighting**

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 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$0	\$0	\$0	\$0	\$0	\$0
Net	\$0	\$0	\$0	\$0	\$0	\$0

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):

The current lighting in the building is T8 fluorescent lighting fixtures which are original to the building construction. The lighting does not currently meet the Long Term Care Homes Act legislated requirement for lux for common areas and in suites. This project would allow for a lighting retrofit increasing the lux of light in the Home as well as improving the energy efficiency of the lighting.

6. Scheduling and Cost of Project/Study in 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$30,000	\$0	\$0	\$0	\$0	\$30,000
Net	\$0	\$0	\$0	\$0	\$0	\$0

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

Low lighting and not meeting the MOHLTC requirement for lighting lux. Providing well lit corridors and home areas will reduce risk and make the environment safer for residents, staff and visitors.

8. Identify Sources and Amounts of Funding

	Taxation	From Reserve - Grey Gables Reserve
2017	\$0	\$0
2018	\$0	\$0
2019	\$0	\$0
2020	\$0	\$0
2021	\$0	\$0
Total	\$0	\$0

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):



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

1. Department / Function: **Grey Gables**

Details of Project/Study: **Fire Code Upgrades**

2. Total Gross Cost of Proposed Capital Project/Study: \$15,000

Construction	Consultant/Contractor	Equipment	Other (Specify)
	\$15,000		

Cost of Proposed Capital Project/Study in 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$0	\$0	\$0	\$0	\$0	\$0
Net	\$0	\$0	\$0	\$0	\$0	\$0

3. Estimated Useful Life: 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):

Eight items were identified through the Municipal fire inspection conducted in 2015 that require repair or upgrade in order to comply with fire code. Specifically, for this project, a fire separation needs to be built around the ventilation HVAC unit in the tenant space. Additionally, 6 additional smoke detectors are required in all tenant spaces as well as additional carbon monoxide detectors in the mechanical rooms. The total project is estimated to cost \$15,000.

6. Scheduling and Cost of Project/Study in 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$15,000	\$0	\$0	\$0	\$0	\$15,000
Net	\$15,000	\$0	\$0	\$0	\$0	\$15,000

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

The health and safety of the residents, staff and tenants of Grey Gables. Non compliance of fire code.

8. Identify Sources and Amounts of Funding

	Taxation
2017	\$0
2018	\$0
2019	\$0
2020	\$0
2021	\$0
Total	\$0

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):



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

1. Department / Function: **Grey Gables**

Details of Project/Study: **Communication Hub**

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 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$10,000	\$0	\$0	\$0	\$0	\$10,000
Net	\$10,000	\$0	\$0	\$0	\$0	\$10,000

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):

In 2016, in response to satisfaction survey results as well as the MOHLTC RQI inspection, renovations were completed in the main nursing station to create an improved private space where residents charts are kept and staff, physicians and contracted service providers can privately share report and have confidential clinical discussions.

This project is a continuation of the work completed in 2016 and proposes the purchase of security cameras to improve the safety of residents and staff related to unobserved falls and/or behaviours. Cameras are proposed for the front entrance, the back entrance 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 will display on a monitor in the communication hub.

6. Scheduling and Cost of Project/Study in 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$15,000	\$0	\$0	\$0	\$0	\$15,000
Net	\$15,000	\$0	\$0	\$0	\$0	\$15,000

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

Non compliance with privacy legislation and continued dissatisfaction from residents and family members regarding privacy. Potential risk to residents and staff related to unobserved falls and/or increased behaviours.

8. Identify Sources and Amounts of Funding

	Taxation
2017	\$10,000
2018	\$0
2019	\$0
2020	\$0
2021	\$0
Total	\$10,000

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):



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

1. Department / Function: **Grey Gables**

Details of Project/Study: **Debenture Payment - Roof**

2. Total Gross Cost of Proposed Capital Project/Study: \$1,025,276

Construction	Consultant/Contractor	Equipment	Other (Specify)
			\$1,025,276

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 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$73,234	\$73,234	\$73,234	\$73,234	\$73,234	\$366,170
Net	\$73,234	\$73,234	\$73,234	\$73,234	\$73,234	\$366,170

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 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$73,234	\$73,234	\$73,234	\$73,234	\$73,234	\$366,170
Net	\$73,234	\$73,234	\$73,234	\$73,234	\$73,234	\$366,170

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

Repayment of self funded debenture

8. Identify Sources and Amounts of Funding

	Debenture Payment
2017	\$73,234
2018	\$73,234
2019	\$73,234
2020	\$73,234
2021	\$73,234
Total	\$366,170

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

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



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

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 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$15,000	\$15,000	\$15,000	\$15,000	\$15,000	\$75,000
Net	\$15,000	\$15,000	\$15,000	\$15,000	\$15,000	\$75,000

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):

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. By 2017, we will have this style of bed for every resident, at which time capital will be used to replace beds and mattresses 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 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$15,000	\$15,000	\$15,000	\$15,000	\$15,000	\$75,000
Net	\$15,000	\$15,000	\$15,000	\$15,000	\$15,000	\$75,000

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
2017	\$15,000
2018	\$15,000
2019	\$15,000
2020	\$15,000
2021	\$15,000
Total	\$75,000

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):



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

1. **Department / Function:** **Grey Gables**
Details of Project/Study: **Dietary Equipment**

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 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$14,000	\$5,000	\$15,000	\$5,000	\$5,000	\$44,000
Net	\$14,000	\$5,000	\$15,000	\$5,000	\$5,000	\$44,000

3. **Estimated Useful Life:** convection oven 5-7 years, refrigerators 5 years, commercial mixer 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):**

In the main kitchen there are two walk-in refrigerators and a walk in freezer. In 2014 one of the refrigerator compressors had to be replaced due to breakdown. This plans for the replacement of the remaining one compressors in 2017 at approximately \$5,000.

The steam table in the main kitchen will require replacement in 2017. It is original to the building and has reached the end of its life cycle. The steam table is used to safely hold foods to ensure they are served at proper temperatures. The three steam tables (one in each home area dining room) were replaced in 2014.

In 2018 the robo coupe blixer, used to prepare therapeutic textures, will be at the end of it's 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.

6. **Scheduling and Cost of Project/Study in 2016-2020 Capital Plan:**

	2016	2017	2018	2019	2020	Total
Gross	\$22,000	\$11,500	\$0	\$15,000	\$5,000	\$53,500
Net	\$22,000	\$11,500	\$0	\$15,000	\$5,000	\$53,500

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 - From Grey Gables Reserve
2017	\$14,000	\$0
2018	\$5,000	\$0
2019	\$15,000	\$0

2020	\$5,000	\$0
2021	\$5,000	\$0
Total	\$44,000	\$0

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):



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

1. Department / Function: **Grey Gables**
Details of Project/Study: **Computers**

2. Total Gross Cost of Proposed Capital Project/Study: \$101,100

Construction	Consultant/Contractor	Equipment	Other (Specify)
		\$101,100	

Cost of Proposed Capital Project/Study in 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$22,500	\$15,000	\$33,600	\$15,000	\$15,000	\$101,100
Net	\$22,500	\$15,000	\$33,600	\$15,000	\$15,000	\$101,100

3. Estimated Useful Life: 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 Point of Care tablets every 4 years to ensure the tools required for the operations of the home are effective. Note, the previously budgeted \$5,000 has been increased to \$7,500 to appropriately cover the costs of the required replacements.

In 2017, the additional funds will be used to replace OTN (Ontario Telemedicine Network) equipment. In 2018, 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 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$7,500	\$22,500	\$15,000	\$33,600	\$7,500	\$86,100
Net	\$7,500	\$22,500	\$15,000	\$33,600	\$7,500	\$86,100

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
2017	\$22,500
2018	\$15,000
2019	\$33,600
2020	\$15,000
2021	\$15,000
Total	\$101,100

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.



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

1. Department / Function: **Grey Gables**

Details of Project/Study: **Heating and/or Cooling systems**

2. Total Gross Cost of Proposed Capital Project/Study: \$88,000

Construction	Consultant/Contractor	Equipment	Other (Specify)
		\$88,000	

Cost of Proposed Capital Project/Study in 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$22,000	\$22,000	\$22,000	\$22,000	\$0	\$88,000
Net	\$22,000	\$22,000	\$22,000	\$22,000	\$0	\$88,000

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):

This project is a continuation of previous work on the HVAC system to include the replacement of 11 of the 14 three ton cooling units and 3 larger 5 ton cooling units over the next four years. 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). The new units would use an approved and available coolant.

6. Scheduling and Cost of Project/Study in 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$25,200	\$0	\$0	\$0	\$0	\$25,200
Net	\$25,200	\$0	\$0	\$0	\$0	\$25,200

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
2017	\$22,000
2018	\$22,000
2019	\$22,000
2020	\$22,000
2021	\$0
Total	\$88,000

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):



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

1. Department / Function: **Grey Gables**
Details of Project/Study: **Resident Lift**

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 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$25,000	\$25,000	\$25,000	\$0	\$25,000	\$100,000
Net	\$25,000	\$25,000	\$25,000	\$0	\$25,000	\$100,000

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.

Please note that the budgeted amounts for 2017, 2018 and 2019 have been increased by \$5000.00 to account for the increasing cost of the equipment. 2021 will begin the replacement cycle again.

6. Scheduling and Cost of Project/Study in 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$0	\$20,000	\$20,000	\$20,000	\$0	\$60,000
Net	\$0	\$20,000	\$20,000	\$20,000	\$0	\$60,000

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	From Reserve - Grey Gables Reserve
2017	\$25,000	\$0
2018	\$25,000	\$0
2019	\$25,000	\$0
2020	\$0	\$0
2021	\$25,000	\$0
Total	\$100,000	\$0

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.



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

1. Department / Function: **Grey Gables**
Details of Project/Study: **Tub/Shower Room**

2. Total Gross Cost of Proposed Capital Project/Study: \$85,000

Construction	Consultant/Contractor	Equipment	Other (Specify)
	\$85,000		

Cost of Proposed Capital Project/Study in 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$85,000	\$0	\$0	\$0	\$0	\$85,000
Net	\$0	\$0	\$0	\$0	\$0	\$0

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 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$45,000	\$85,000	\$0	\$0	\$0	\$130,000
Net	\$18,206	\$0	\$0	\$0	\$0	\$18,206

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
2017	\$0	\$85,000
2018	\$0	\$0
2019	\$0	\$0
2020	\$0	\$0
2021	\$0	\$0
Total	\$0	\$85,000

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):



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

1. **Department / Function:** **Grey Gables**
Details of Project/Study: **Security System**

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 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$10,000	\$0	\$0	\$0	\$0	\$10,000
Net	\$10,000	\$0	\$0	\$0	\$0	\$10,000

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 purchase of security cameras 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 will display on a monitor in the communication hub.

6. **Scheduling and Cost of Project/Study in 2016-2020 Capital Plan:**

	2016	2017	2018	2019	2020	Total
Gross	\$0	\$0	\$0	\$0	\$0	\$0
Net	\$0	\$0	\$0	\$0	\$0	\$0

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
2017	\$10,000
2018	\$0
2019	\$0
2020	\$0
2021	\$0
Total	\$10,000

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):**



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

1. Department / Function: **Grey Gables**

Details of Project/Study: **Boiler 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 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$45,000	\$0	\$0	\$0	\$0	\$45,000
Net	\$45,000	\$0	\$0	\$0	\$0	\$45,000

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):

Replacing one of our three boilers with a condensing boiler would save dollars on our heating costs and give us a needed backup for heating our domestic hot water. This project will tie in with the completed improvements made to the hot water heating system as recommended by the engineering consultation completed in 2014.

6. Scheduling and Cost of Project/Study in 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$0	\$0	\$0	\$0	\$0	\$0
Net	\$0	\$0	\$0	\$0	\$0	\$0

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

Cost more to heat building and gives us no back up for domestic hot water heating. Loss of hot water, non compliance with new TSSA standards.

8. Identify Sources and Amounts of Funding

	Taxation
2017	\$45,000
2018	\$0
2019	\$0
2020	\$0
2021	\$0
Total	\$45,000

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):



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

1. Department / Function: **Grey Gables**

Details of Project/Study: **Ceilings - common areas and in suites**

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 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$60,000	\$0	\$0	\$0	\$0	\$60,000
Net	\$0	\$0	\$0	\$0	\$0	\$0

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 Building Condition Assessment Study notes that the ceilings in the common and service areas and in resident rooms be repainted in 15 year intervals. The study indicates that this will help to extend the life of ceilings.

6. Scheduling and Cost of Project/Study in 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$0	\$60,000	\$0	\$0	\$0	\$60,000
Net	\$0	\$0	\$0	\$0	\$0	\$0

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

shorten the life span of ceilings resulting in increased repairs

8. Identify Sources and Amounts of Funding

	From Reserve - Grey Gables Reserve
2017	\$60,000
2018	\$0
2019	\$0
2020	\$0
2021	\$0
Total	\$60,000

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):



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

1. Department / Function: **Grey Gables**

Details of Project/Study: **Energy Management System**

2. Total Gross Cost of Proposed Capital Project/Study: \$7,500

Construction	Consultant/Contractor	Equipment	Other (Specify)
		\$7,500	

Cost of Proposed Capital Project/Study in 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$7,500	\$0	\$0	\$0	\$0	\$7,500
Net	\$7,500	\$0	\$0	\$0	\$0	\$7,500

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):

An automated building control system was put into place at Grey Gables in 2014. This project would add monitoring and remote controlling capabilities to items such as the HVAC system in the tenant spaces, add fan units and provide opportunity to save energy by scheduling usage. This will improve the monitoring and control of the energy systems in place.

6. Scheduling and Cost of Project/Study in 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$0	\$7,500	\$0	\$0	\$0	\$7,500
Net	\$0	\$7,500	\$0	\$0	\$0	\$7,500

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

No energy savings and lack of control of HVAC systems.

8. Identify Sources and Amounts of Funding

	Taxation
2017	\$7,500
2018	\$0
2019	\$0
2020	\$0
2021	\$0
Total	\$7,500

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):



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

1. Department / Function: **Grey Gables**

Details of Project/Study: **Washer-disinfector**

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 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$20,000	\$0	\$0	\$0	\$0	\$20,000
Net	\$10,000	\$0	\$0	\$0	\$0	\$10,000

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 washer-disinfector is equipment used for emptying, flushing, cleaning and thermally disinfecting by steam, human waste containers intended for re-use such as bedpans, urine bottles etc. The particular model we are looking at can clean a wide range of items making it very versatile. The amount budgeted also allows for some modifications in the utility room (plumbing/electrical). This would allow us to purchase the final unit for the Home.

6. Scheduling and Cost of Project/Study in 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$20,000	\$20,000	\$0	\$0	\$0	\$40,000
Net	\$1,500	\$20,000	\$0	\$0	\$0	\$21,500

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

Infection control issues - items not getting properly cleaned and/or disinfected.

8. Identify Sources and Amounts of Funding

	Taxation	From Reserve - Grey Gables Reserve
2017	\$10,000	\$10,000
2018	\$0	\$0
2019	\$0	\$0
2020	\$0	\$0
2021	\$0	\$0
Total	\$10,000	\$10,000

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):



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

1. Department / Function: **Grey Gables**

Details of Project/Study: **Drapes and Blinds**

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 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$15,000	\$15,000	\$0	\$0	\$0	\$30,000
Net	\$15,000	\$15,000	\$0	\$0	\$0	\$30,000

3. Estimated Useful Life: 8-10

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):

This is a life cycle replacement of existing window coverings, blinds and curtains and privacy curtains that are original to the building. As a result of regular cleaning and exposure to the sun, it is requested that the window coverings will continue to be replaced in 2017 and 2018.

6. Scheduling and Cost of Project/Study in 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$15,000	\$15,000	\$15,000	\$0	\$0	\$45,000
Net	\$15,000	\$15,000	\$15,000	\$0	\$0	\$45,000

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

Failure to replace draperies at the end of its life cycle will result in a poor environment for the Resident's and may result in non-compliance to Ministry of Health and Long Term Care regulations.

8. Identify Sources and Amounts of Funding

	Taxation
2017	\$15,000
2018	\$15,000
2019	\$0
2020	\$0
2021	\$0
Total	\$30,000

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

goal #6 - achieving excellence in governance and service

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

Potential non-compliance with Ministry of Health and Long Term Care regulations and the compromise the homes attractiveness in comparison to other homes in the community.



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

1. Department / Function: **Grey Gables**

Details of Project/Study: **Railings and Balconies**

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 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$10,000	\$10,000	\$0	\$0	\$0	\$20,000
Net	\$10,000	\$10,000	\$0	\$0	\$0	\$20,000

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 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$10,000	\$10,000	\$10,000	\$0	\$0	\$30,000
Net	\$10,000	\$10,000	\$10,000	\$0	\$0	\$30,000

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
2017	\$10,000
2018	\$10,000
2019	\$0
2020	\$0
2021	\$0
Total	\$20,000

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):



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

1. Department / Function: **Grey Gables**

Details of Project/Study: **Bathroom fixtures**

2. Total Gross Cost of Proposed Capital Project/Study: \$18,000

Construction	Consultant/Contractor	Equipment	Other (Specify)
		\$18,000	

Cost of Proposed Capital Project/Study in 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$6,000	\$6,000	\$6,000	\$0	\$0	\$18,000
Net	\$6,000	\$6,000	\$6,000	\$0	\$0	\$18,000

3. Estimated Useful Life:

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 fixtures in each bathroom are original to the building and are ending their useful life. We are no longer able to get tank repair parts for our existing Toilets. The faucets have been rebuilt many times and are in need of updating. This project proposes that the fixtures be replaced for the building over three years.

6. Scheduling and Cost of Project/Study in 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$0	\$0	\$0	\$0	\$0	\$0
Net	\$0	\$0	\$0	\$0	\$0	\$0

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

We will have more emergency repairs and possible floods. 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
2017	\$6,000
2018	\$6,000
2019	\$6,000
2020	\$0
2021	\$0
Total	\$18,000

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):



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

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 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$10,000	\$10,000	\$10,000	\$0	\$0	\$30,000
Net	\$0	\$0	\$0	\$0	\$0	\$0

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 2017 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 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$25,000	\$8,000	\$0	\$0	\$0	\$33,000
Net	\$0	\$0	\$0	\$0	\$0	\$0

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 - Grey Gables Donation Reserve
2017	\$10,000
2018	\$10,000
2019	\$10,000

2020	\$0
2021	\$0
Total	\$30,000

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):



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

1. Department / Function: **Grey Gables**

Details of Project/Study: **Furniture and Equipment 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 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$15,000	\$15,000	\$15,000	\$0	\$0	\$45,000
Net	\$15,000	\$15,000	\$15,000	\$0	\$0	\$45,000

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 2017 will be the 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 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$0	\$0	\$0	\$0	\$0	\$0
Net	\$0	\$0	\$0	\$0	\$0	\$0

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
2017	\$15,000
2018	\$15,000
2019	\$15,000
2020	\$0
2021	\$0
Total	\$45,000

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):



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

1. Department / Function: **Grey Gables**

Details of Project/Study: **Copper Piping Replacement**

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 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$20,000	\$20,000	\$20,000	\$0	\$0	\$60,000
Net	\$20,000	\$20,000	\$20,000	\$0	\$0	\$60,000

3. Estimated Useful Life: n/a

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 have developed a plan to begin the needed replacement of copper piping. The \$10,000 previously approved in 2016 for consultation will be reallocated to initiate the project.

6. Scheduling and Cost of Project/Study in 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$10,000	\$0	\$0	\$0	\$0	\$10,000
Net	\$10,000	\$0	\$0	\$0	\$0	\$10,000

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
2017	\$20,000
2018	\$20,000
2019	\$20,000
2020	\$0
2021	\$0
Total	\$60,000

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):



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

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 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$0	\$10,000	\$10,000	\$10,000	\$0	\$30,000
Net	\$0	\$10,000	\$10,000	\$10,000	\$0	\$30,000

3. Estimated Useful Life: 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 floors in some resident bathrooms are stained and in need of repair. The seams of the flooring have been repaired several times; however water and waste have been deposited beneath some of the flooring. 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. This plan would replace all bedroom and bathroom flooring in all three wings by the end of 2017. The replacement will be scheduled based on the amount of wear and risk in each room. In 2018-2020 funds are requested for the replacement of flooring in public washrooms, staff areas and office spaces.

6. Scheduling and Cost of Project/Study in 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$167,300	\$0	\$10,000	\$10,000	\$10,000	\$197,300
Net	\$0	\$0	\$10,000	\$10,000	\$10,000	\$30,000

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 - From Grey Gables Reserve
2017	\$0	\$0
2018	\$10,000	\$0
2019	\$10,000	\$0

2020	\$10,000	\$0
2021	\$0	\$0
Total	\$30,000	\$0

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):



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

1. Department / Function: **Grey Gables**

Details of Project/Study: **Elevator Upgrades**

2. Total Gross Cost of Proposed Capital Project/Study: \$15,000

Construction	Consultant/Contractor	Equipment	Other (Specify)
	\$15,000		

Cost of Proposed Capital Project/Study in 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$0	\$15,000	\$0	\$0	\$0	\$15,000
Net	\$0	\$15,000	\$0	\$0	\$0	\$15,000

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.

6. Scheduling and Cost of Project/Study in 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$0	\$0	\$0	\$0	\$0	\$0
Net	\$0	\$0	\$0	\$0	\$0	\$0

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
2017	\$0
2018	\$15,000
2019	\$0
2020	\$0
2021	\$0
Total	\$15,000

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.



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

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 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$0	\$30,000	\$0	\$0	\$0	\$30,000
Net	\$0	\$30,000	\$0	\$0	\$0	\$30,000

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.

6. Scheduling and Cost of Project/Study in 2016-2020 Capital Plan: not in plan

	2016	2017	2018	2019	2020	Total
Gross	\$0	\$0	\$30,000	\$0	\$0	\$30,000
Net	\$0	\$0	\$30,000	\$0	\$0	\$30,000

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
2017	\$0	\$0
2018	\$30,000	\$0
2019	\$0	\$0
2020	\$0	\$0
2021	\$0	\$0
Total	\$30,000	\$0

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



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

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 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$0	\$20,000	\$20,000	\$0	\$0	\$40,000
Net	\$0	\$20,000	\$20,000	\$0	\$0	\$40,000

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 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$0	\$0	\$25,000	\$25,000	\$0	\$50,000
Net	\$0	\$0	\$25,000	\$25,000	\$0	\$50,000

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
2017	\$0
2018	\$20,000
2019	\$20,000
2020	\$0
2021	\$0
Total	\$40,000

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.



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

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 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$0	\$0	\$0	\$0	\$453,500	\$453,500
Net	\$0	\$0	\$0	\$0	\$193,091	\$193,091

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):

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 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$0	\$0	\$0	\$0	\$380,000	\$380,000
Net	\$0	\$0	\$0	\$0	\$181,987	\$181,987

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
2017	\$0	\$0
2018	\$0	\$0
2019	\$0	\$0
2020	\$0	\$0
2021	\$193,091	\$260,409
Total	\$193,091	\$260,409

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):



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

1. Department / Function: **Grey Gables**

Details of Project/Study: **Building Condition Assessment - Future Funding**

2. Total Gross Cost of Proposed Capital Project/Study: \$217,705

Construction	Consultant/Contractor	Equipment	Other (Specify)
			\$217,705

Transfer to reserve for future funding of capital projects

Cost of Proposed Capital Project/Study in 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$0	\$0	\$47,153	\$170,552	\$0	\$217,705
Net	\$0	\$0	\$47,153	\$170,552	\$0	\$217,705

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 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$13,044	\$73,735	\$68,658	\$104,153	\$18,065	\$277,655
Net	\$13,044	\$73,735	\$68,658	\$104,153	\$18,065	\$277,655

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

	Taxation
2017	\$0
2018	\$0
2019	\$47,153
2020	\$170,552
2021	\$0
Total	\$217,705

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

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

Rockwood Terrace



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

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 2016 budget, at a cost of \$10,000. The work will not be undertaken in 2016, and has been re-scheduled for 2017, at a cost of \$10,200, assuming 2% inflation.

Cost of Proposed Capital Project/Study in 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$10,200	\$0	\$0	\$0	\$0	\$10,200
Net	\$0	\$0	\$0	\$0	\$0	\$0

3. Estimated Useful Life:

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 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$0	\$0	\$0	\$0	\$0	\$0
Net	\$0	\$0	\$0	\$0	\$0	\$0

7. Consequences/Implications of Not Undertaking Project (including alternatives):
End of useful life.

8. Identify Sources and Amounts of Funding

	From Reserve - Rockwood Terrace Reserve
2017	\$10,200
2018	\$0
2019	\$0
2020	\$0
2021	\$0
Total	\$10,200

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

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



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

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 2016 budget, at a cost of \$24,750. The work will not be undertaken in 2016, and has been re-scheduled for 2017, at a cost of \$25,250, assuming 2% inflation.

Cost of Proposed Capital Project/Study in 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$25,250	\$0	\$0	\$0	\$0	\$25,250
Net	\$0	\$0	\$0	\$0	\$0	\$0

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 and buttons are sticking

6. **Scheduling and Cost of Project/Study in 2016-2020 Capital Plan:** 2014 Project carried forward

	2016	2017	2018	2019	2020	Total
Gross	\$0	\$0	\$0	\$0	\$0	\$0
Net	\$0	\$0	\$0	\$0	\$0	\$0

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 - Rockwood Terrace Reserve
2017	\$25,250
2018	\$0
2019	\$0
2020	\$0
2021	\$0
Total	\$25,250

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):



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

1. Department / Function: **Rockwood Terrace**
Details of Project/Study: **Exterior Door Replacement**

2. Total Gross Cost of Proposed Capital Project/Study: \$15,100

Construction	Consultant/Contractor	Equipment	Other (Specify)
	\$15,100		

This project was in the 2016 budget, at a cost of \$39,800. It is estimated that \$25,000 will be spent in 2016, with the rest of the work re-scheduled for 2017, at a cost of \$15,100, assuming 2% inflation.

Cost of Proposed Capital Project/Study in 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$15,100	\$0	\$0	\$0	\$0	\$15,100
Net	\$0	\$0	\$0	\$0	\$0	\$0

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 exterior doors are original with the building. They are starting to show signs of deterioration-broken seals and cloudiness between the panes of glass. These doors are also not very energy efficient. This project has been modified based on the 2011 Building Condition Assessment Report. The cost was updated to account for inflation.

6. Scheduling and Cost of Project/Study in 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$39,800	\$0	\$0	\$0	\$0	\$39,800
Net	\$0	\$0	\$0	\$0	\$0	\$0

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

Loss of energy, public relations and comfort.

8. Identify Sources and Amounts of Funding

	From Reserve - Rockwood Terrace Reserve
2017	\$15,100
2018	\$0
2019	\$0
2020	\$0
2021	\$0
Total	\$15,100

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):



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

1. Department / Function: **Rockwood Terrace**

Details of Project/Study: **Vinyl Flooring Replacement**

2. Total Gross Cost of Proposed Capital Project/Study: \$453,300

Construction	Consultant/Contractor	Equipment	Other (Specify)
	\$453,300		

This project was in the 2016 budget, at a cost of \$444,400. The work will not be undertaken in 2016, and has been re-scheduled for 2017, at a cost of \$453,300, assuming 2% inflation.

Cost of Proposed Capital Project/Study in 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$453,300	\$0	\$0	\$0	\$0	\$453,300
Net	\$0	\$0	\$0	\$0	\$0	\$0

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 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$444,400	\$0	\$0	\$0	\$0	\$444,400
Net	\$0	\$0	\$0	\$0	\$0	\$0

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
2017	\$0	\$453,300
2018	\$0	\$0
2019	\$0	\$0
2020	\$0	\$0
2021	\$0	\$0
Total	\$0	\$453,300

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):



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

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: \$178,700

Construction	Consultant/Contractor	Equipment	Other (Specify)
	\$178,700		

This project was in the 2016 budget, at a cost of \$225,200. It is estimated that \$50,000 will be spent in 2016, with the remainder of the work re-scheduled for 2017, at a cost of \$178,700, assuming 2% inflation.

Cost of Proposed Capital Project/Study in 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$178,700	\$0	\$0	\$0	\$0	\$178,700
Net	\$0	\$0	\$0	\$0	\$0	\$0

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 \$1500.00 (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 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$225,200	\$0	\$0	\$0	\$0	\$225,200
Net	\$0	\$0	\$0	\$0	\$0	\$0

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 - Rockwood Terrace Reserve
2017	\$0	\$178,700
2018	\$0	\$0
2019	\$0	\$0
2020	\$0	\$0

2021	\$0	\$0
Total	\$0	\$178,700

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):



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

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 2016 budget, at a cost of \$234,600. It is estimated that \$20,000 will be spent in 2016, and the rest of the work will be re-scheduled for 2017, at a cost of \$219,000, assuming 2% inflation.

Cost of Proposed Capital Project/Study in 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$219,000	\$0	\$0	\$0	\$0	\$219,000
Net	\$0	\$0	\$0	\$0	\$0	\$0

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 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$234,600	\$0	\$0	\$0	\$0	\$234,600
Net	\$0	\$0	\$0	\$0	\$0	\$0

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 - Rockwood Terrace Reserve
2017	\$219,000
2018	\$0
2019	\$0
2020	\$0
2021	\$0
Total	\$219,000

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.



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

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 2016 budget, at a cost of \$160,000. The work will not be undertaken in 2016, and has been re-scheduled for 2017, at a cost of \$163,300, assuming 2% inflation.

Cost of Proposed Capital Project/Study in 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$163,300	\$0	\$0	\$0	\$0	\$163,300
Net	\$0	\$0	\$0	\$0	\$0	\$0

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 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$160,000	\$0	\$0	\$0	\$0	\$160,000
Net	\$0	\$0	\$0	\$0	\$0	\$0

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 - Rockwood Terrace Reserve
2017	\$163,300
2018	\$0
2019	\$0
2020	\$0
2021	\$0
Total	\$163,300

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.



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

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 2016 budget, at a cost of \$212,000. The work will not be undertaken in 2016, and has been re-scheduled for 2017, at a cost of \$216,200, assuming 2% inflation.

Cost of Proposed Capital Project/Study in 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$216,200	\$0	\$0	\$0	\$0	\$216,200
Net	\$0	\$0	\$0	\$0	\$0	\$0

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 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$212,000	\$0	\$0	\$0	\$0	\$212,000
Net	\$157,170	\$0	\$0	\$0	\$0	\$157,170

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
2017	\$0	\$216,200
2018	\$0	\$0
2019	\$0	\$0
2020	\$0	\$0
2021	\$0	\$0
Total	\$0	\$216,200

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

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



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

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 2016 budget, at a cost of \$34,800. The work will not be undertaken in 2016, and has been re-scheduled for 2017, at a cost of \$35,500, assuming 2% inflation.

Cost of Proposed Capital Project/Study in 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$35,500	\$0	\$0	\$0	\$0	\$35,500
Net	\$0	\$0	\$0	\$0	\$0	\$0

3. Estimated Useful Life:

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

Facility Name / Address	Municipality
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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 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$34,800	\$0	\$0	\$0	\$0	\$34,800
Net	\$0	\$0	\$0	\$0	\$0	\$0

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

End of Life

8. Identify Sources and Amounts of Funding

	From Reserve - Rockwood Reserve
2017	\$35,500
2018	\$0
2019	\$0
2020	\$0
2021	\$0
Total	\$35,500

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

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



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

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 2016 budget, at a cost of \$19,400. The work will not be undertaken in 2016, and has been re-scheduled for 2017, at a cost of \$19,800, assuming 2% inflation.

Cost of Proposed Capital Project/Study in 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$19,800	\$0	\$0	\$0	\$0	\$19,800
Net	\$0	\$0	\$0	\$0	\$0	\$0

3. Estimated Useful Life:

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

Facility Name / Address	Municipality
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5. Need or Benefit(s) of Project (including safety issues):

End of life, health and safety.

6. Scheduling and Cost of Project/Study in 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$19,400	\$0	\$0	\$0	\$0	\$19,400
Net	\$0	\$0	\$0	\$0	\$0	\$0

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 - Rockwood Terrace Reserve
2017	\$0	\$19,800
2018	\$0	\$0
2019	\$0	\$0
2020	\$0	\$0
2021	\$0	\$0
Total	\$0	\$19,800

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

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



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

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		

Cost of Proposed Capital Project/Study in 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$24,600	\$0	\$0	\$0	\$0	\$24,600
Net	\$0	\$0	\$0	\$0	\$0	\$0

3. Estimated Useful Life:

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

Facility Name / Address	Municipality
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5. Need or Benefit(s) of Project (including safety issues):

End of useful life.

6. Scheduling and Cost of Project/Study in 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$24,200	\$0	\$0	\$0	\$0	\$24,200
Net	\$0	\$0	\$0	\$0	\$0	\$0

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

End of useful life.

8. Identify Sources and Amounts of Funding

	From Reserve - Rockwood Terrace Reserve
2017	\$24,600
2018	\$0
2019	\$0
2020	\$0
2021	\$0
Total	\$24,600

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

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



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

1. Department / Function: **Rockwood Terrace**

Details of Project/Study: **Radiator Valve Replacement**

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 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$60,000	\$0	\$0	\$0	\$0	\$60,000
Net	\$60,000	\$0	\$0	\$0	\$0	\$60,000

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):

Radiator valves have become corroded over time making it difficult to adjust the heat in individual rooms.

6. Scheduling and Cost of Project/Study in 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$0	\$0	\$0	\$0	\$0	\$0
Net	\$0	\$0	\$0	\$0	\$0	\$0

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

If residents and staff are unable to adjust the temperature within rooms it could result in rooms being too hot or too cold and waste energy.

8. Identify Sources and Amounts of Funding

	Taxation
2017	\$60,000
2018	\$0
2019	\$0
2020	\$0
2021	\$0
Total	\$60,000

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):

See #7 above.



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

1. Department / Function: **Rockwood Terrace**
Details of Project/Study: **Home Enhancements**

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 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$20,000	\$0	\$0	\$0	\$0	\$20,000
Net	\$20,000	\$0	\$0	\$0	\$0	\$20,000

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, finishing's (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 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$0	\$0	\$0	\$0	\$0	\$0
Net	\$0	\$0	\$0	\$0	\$0	\$0

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
2017	\$20,000
2018	\$0
2019	\$0
2020	\$0
2021	\$0
Total	\$20,000

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):



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

1. **Department / Function:** Rockwood Terrace
Details of Project/Study: Ration Cook Centre

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 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$25,000	\$0	\$0	\$0	\$0	\$25,000
Net	\$25,000	\$0	\$0	\$0	\$0	\$25,000

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):**

This centre would replace 2 steamers currently reaching the end of useful life. This cooking centre can be used as a steamer or oven which makes it very versatile-we currently have 1 of these units in use. It is preferred over steamer replacement due to the fact that it is safer to use and requires less preventative maintenance.

6. **Scheduling and Cost of Project/Study in 2016-2020 Capital Plan:**

	2016	2017	2018	2019	2020	Total
Gross	\$0	\$0	\$0	\$0	\$0	\$0
Net	\$0	\$0	\$0	\$0	\$0	\$0

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

Loss of steamers would require staff to boil items on top of the stove providing a decreased food quality and increased risk of staff injury.

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

	Taxation
2017	\$25,000
2018	\$0
2019	\$0
2020	\$0
2021	\$0
Total	\$25,000

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):**



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

1. Department / Function: **Rockwood Terrace**

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

2. Total Gross Cost of Proposed Capital Project/Study: \$320,000

Construction	Consultant/Contractor	Equipment	Other (Specify)
	\$320,000		

Propose replacing windows over three years (one floor per year) at a cost of \$100,000 per year commencing in 2016.

Cost of Proposed Capital Project/Study in 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$100,000	\$120,000	\$0	\$0	\$0	\$220,000
Net	\$100,000	\$120,000	\$0	\$0	\$0	\$220,000

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.

6. Scheduling and Cost of Project/Study in 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$100,000	\$100,000	\$120,000	\$0	\$0	\$320,000
Net	\$0	\$100,000	\$120,000	\$0	\$0	\$220,000

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
2017	\$100,000	\$0
2018	\$120,000	\$0
2019	\$0	\$0
2020	\$0	\$0
2021	\$0	\$0
Total	\$220,000	\$0

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

This capital investment complies with Goals 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.



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

1. Department / Function: **Rockwood Terrace**
Details of Project/Study: **Resident Lifts**

2. Total Gross Cost of Proposed Capital Project/Study: \$171,000

Construction	Consultant/Contractor	Equipment	Other (Specify)
		\$171,000	

Cost of Proposed Capital Project/Study in 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$40,500	\$40,750	\$57,000	\$16,250	\$16,500	\$171,000
Net	\$40,500	\$40,750	\$57,000	\$16,250	\$16,500	\$171,000

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. In 2017, these funds would be used to purchase a floor lift, two ceiling lifts for tub rooms and five slings. 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 2017, 2018 and 2019.

6. Scheduling and Cost of Project/Study in 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$13,000	\$13,000	\$13,000	\$26,000	\$13,000	\$78,000
Net	\$13,000	\$13,000	\$13,000	\$26,000	\$13,000	\$78,000

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
2017	\$40,500
2018	\$40,750
2019	\$57,000
2020	\$16,250
2021	\$16,500
Total	\$171,000

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.



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

1. Department / Function: **Rockwood Terrace**

Details of Project/Study: **Computers**

2. Total Gross Cost of Proposed Capital Project/Study: \$126,850

Construction	Consultant/Contractor	Equipment	Other (Specify)
		\$126,850	

Cost of Proposed Capital Project/Study in 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$36,640	\$20,000	\$40,000	\$15,000	\$15,210	\$126,850
Net	\$36,640	\$20,000	\$40,000	\$15,000	\$15,210	\$126,850

3. Estimated Useful Life: 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 2017, replacement computers will be required for the Administrator, Nutrition Manager, RAI Coordinator, Nursing (2), Medical Advisor and staff room. In 2017, the additional funds will be used to replace OTN (Ontario Telemedicine Network) equipment. In 2018, 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 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$15,000	\$36,640	\$20,000	\$40,000	\$15,000	\$126,640
Net	\$12,000	\$15,000	\$18,000	\$40,000	\$15,000	\$100,000

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 - Rockwood Terrace Reserve
2017	\$36,640	\$0
2018	\$20,000	\$0
2019	\$40,000	\$0
2020	\$15,000	\$0
2021	\$15,210	\$0
Total	\$126,850	\$0

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.



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

1. Department / Function: **Rockwood Terrace**

Details of Project/Study: **High-Low Beds/Mattresses**

2. Total Gross Cost of Proposed Capital Project/Study: \$108,500

Construction	Consultant/Contractor	Equipment	Other (Specify)
		\$108,500	

Cost of Proposed Capital Project/Study in 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$21,000	\$21,000	\$22,000	\$22,000	\$22,500	\$108,500
Net	\$21,000	\$21,000	\$22,000	\$22,000	\$22,500	\$108,500

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):

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 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$21,000	\$21,000	\$21,000	\$22,000	\$22,000	\$107,000
Net	\$0	\$21,000	\$21,000	\$22,000	\$22,000	\$86,000

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	Taxation
2017	\$21,000	\$0
2018	\$21,000	\$0
2019	\$22,000	\$0
2020	\$22,000	\$0
2021	\$22,500	\$0
Total	\$108,500	\$0

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.



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

1. **Department / Function:** Rockwood Terrace
Details of Project/Study: Whirlpool Tub

2. **Total Gross Cost of Proposed Capital Project/Study:** \$68,000

Construction	Consultant/Contractor	Equipment	Other (Specify)
		\$68,000	

Cost of Proposed Capital Project/Study in 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$0	\$0	\$33,000	\$0	\$35,000	\$68,000
Net	\$0	\$0	\$33,000	\$0	\$35,000	\$68,000

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 tub that will be reaching the end of life expectancy (14 years). The amount for 2019 has been reduced based on the request for ceiling lifts in the tub rooms, thereby eliminating the need for a tub lift.

6. **Scheduling and Cost of Project/Study in 2016-2020 Capital Plan:**

	2016	2017	2018	2019	2020	Total
Gross	\$0	\$0	\$0	\$45,000	\$0	\$45,000
Net	\$0	\$0	\$0	\$45,000	\$0	\$45,000

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
2017	\$0
2018	\$0
2019	\$33,000
2020	\$0
2021	\$35,000
Total	\$68,000

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.



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

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 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$0	\$0	\$0	\$8,600	\$0	\$8,600
Net	\$0	\$0	\$0	\$8,600	\$0	\$8,600

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 2016-2020 Capital Plan:**

	2016	2017	2018	2019	2020	Total
Gross	\$0	\$0	\$0	\$0	\$7,500	\$7,500
Net	\$0	\$0	\$0	\$0	\$7,500	\$7,500

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

Potential for interruption of service to residents and EMS department.

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

	Taxation
2017	\$0
2018	\$0
2019	\$0
2020	\$8,600
2021	\$0
Total	\$8,600

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.



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

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 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$0	\$0	\$0	\$13,500	\$0	\$13,500
Net	\$0	\$0	\$0	\$13,500	\$0	\$13,500

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 2016-2020 Capital Plan:**

	2016	2017	2018	2019	2020	Total
Gross	\$0	\$0	\$0	\$0	\$13,500	\$13,500
Net	\$0	\$0	\$0	\$0	\$13,500	\$13,500

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
2017	\$0
2018	\$0
2019	\$0
2020	\$13,500
2021	\$0
Total	\$13,500

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.



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

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		

This project was in the 2016 budget, at a cost of \$38,700. It is estimated that \$15,000 will be spent in 2016, and the rest of the work will be re-scheduled for 2021, at a cost of \$26,200, assuming 2% inflation per year.

Cost of Proposed Capital Project/Study in 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$0	\$0	\$0	\$0	\$26,200	\$26,200
Net	\$0	\$0	\$0	\$0	\$0	\$0

3. Estimated Useful Life:

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

Facility Name / Address	Municipality
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5. Need or Benefit(s) of Project (including safety issues):
Health and Safety

6. Scheduling and Cost of Project/Study in 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$38,700	\$0	\$0	\$0	\$0	\$38,700
Net	\$0	\$0	\$0	\$0	\$0	\$0

7. Consequences/Implications of Not Undertaking Project (including alternatives):
Health and Safety.

8. Identify Sources and Amounts of Funding

	From Reserve - Rockwood Terrace Reserve
2017	\$0
2018	\$0
2019	\$0
2020	\$0
2021	\$26,200
Total	\$26,200

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

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



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

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		

This project was in the 2016 budget, at a cost of \$163,200. This figure was incorrect, and should have been \$83,200. The work will not be undertaken in 2016, and has been re-scheduled for 2021, at a cost of \$92,000, assuming 2% inflation per year.

Cost of Proposed Capital Project/Study in 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$0	\$0	\$0	\$0	\$92,000	\$92,000
Net	\$0	\$0	\$0	\$0	\$0	\$0

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 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$83,200	\$0	\$0	\$0	\$0	\$83,200
Net	\$0	\$0	\$0	\$0	\$0	\$0

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

Sprinklers have been proven to save lives and reduce damage due to fire and smoke. May be legislated to install in the future.

8. Identify Sources and Amounts of Funding

	From Reserve - Rockwood Terrace Reserve
2017	\$0
2018	\$0
2019	\$0
2020	\$0
2021	\$92,000
Total	\$92,000

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):



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

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 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$0	\$0	\$0	\$0	\$54,855	\$54,855
Net	\$0	\$0	\$0	\$0	\$54,855	\$54,855

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 2016-2020 Capital Plan:**

	2016	2017	2018	2019	2020	Total
Gross	\$0	\$0	\$0	\$0	\$0	\$0
Net	\$0	\$0	\$0	\$0	\$0	\$0

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
2017	\$0
2018	\$0
2019	\$0
2020	\$0
2021	\$54,855
Total	\$54,855

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.



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

1. **Department / Function:** Rockwood Terrace
Details of Project/Study: Redevelopment Project

2. **Total Gross Cost of Proposed Capital Project/Study:** \$23,000,000

Construction	Consultant/Contractor	Equipment	Other (Specify)
\$23,000,000			

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 3B (rebuild Rockwood Terrace 100 beds on same or different 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 (\$23,000,000); \$2,800,000 in reserve funding will be available for the project with the remaining \$20,200,000 funded by 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, Rockwood Terrace 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 increases to \$1,361,010 in 2017 as the second Lee Manor debenture will be 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 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$1,361,010	\$1,361,010	\$1,361,010	\$23,611,946	\$611,946	\$28,306,922
Net	\$1,361,010	\$1,361,010	\$1,361,010	\$611,946	\$611,946	\$5,306,922

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):**

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 2016-2020 Capital Plan:**

	2016	2017	2018	2019	2020	Total
Gross	\$12,246,690	\$633,799	\$633,799	\$633,799	\$633,799	\$14,781,886
Net	\$746,690	\$633,799	\$633,799	\$633,799	\$633,799	\$3,281,886

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

	To Reserve - Rockwood Terrace Reserve	Debenture Payment - Less MOHLTC & Preferred Accommodation Funding.	From Reserve - From Rockwood Terrace Reserve	Debenture
2017	\$1,361,010	\$0	\$0	\$0
2018	\$1,361,010	\$0	\$0	\$0
2019	\$1,361,010	\$0	\$0	\$0
2020	\$0	\$611,946	\$2,800,000	\$20,200,000
2021	\$0	\$611,946	\$0	\$0
Total	\$4,083,030	\$1,223,892	\$2,800,000	\$20,200,000

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 and Preferred Accommodation Funding \$1,417,046 Debenture Payment, less \$635,100 MOHLTC Construction Funding and \$170,000 Preferred Accommodation Funding for a net amount of \$611,946,



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

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: \$781,684

Construction	Consultant/Contractor	Equipment	Other (Specify)
			\$781,684

Transfer to reserve to fund future capital repairs

Cost of Proposed Capital Project/Study in 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$17,549	\$117,759	\$177,610	\$263,648	\$205,118	\$781,684
Net	\$17,549	\$117,759	\$177,610	\$263,648	\$205,118	\$781,684

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 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$11,820	\$161,689	\$148,009	\$196,610	\$268,498	\$786,626
Net	\$11,820	\$161,689	\$148,009	\$196,610	\$268,498	\$786,626

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 - Rockwood Terrace Reserve
2017	\$17,549
2018	\$117,759
2019	\$177,610
2020	\$263,648
2021	\$205,118

Total	\$781,684
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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.

Lee Manor



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

1. Department / Function: **Lee Manor**

Details of Project/Study: **High-Low Beds/Mattresses**

2. Total Gross Cost of Proposed Capital Project/Study: \$162,500

Construction	Consultant/Contractor	Equipment	Other (Specify)
		\$162,500	

Cost of Proposed Capital Project/Study in 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$32,500	\$32,500	\$32,500	\$32,500	\$32,500	\$162,500
Net	\$0	\$609	\$12,500	\$32,500	\$32,500	\$78,109

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. High grade pressure relief mattresses are no longer covered under the MOHLTC High Intensity Needs Program. The increase in capital will allow for the purchase of these 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 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$32,500	\$32,500	\$32,500	\$32,500	\$32,500	\$162,500
Net	\$0	\$0	\$609	\$32,500	\$32,500	\$65,609

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 - Lee Manor Reserve	Taxation
2017	\$32,500	\$0

2018	\$31,891	\$609
2019	\$20,000	\$12,500
2020	\$0	\$32,500
2021	\$0	\$32,500
Total	\$84,391	\$78,109

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.



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

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 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$45,000	\$0	\$0	\$0	\$45,000	\$90,000
Net	\$0	\$0	\$0	\$0	\$45,000	\$45,000

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. The capital plan includes the replacement of a recently purchased whirlpool tub (2012) as a result of lowest tender purchase. This whirlpool tub has not met the needs of our resident population and has required frequent servicing.

6. Scheduling and Cost of Project/Study in 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$45,000	\$45,000	\$0	\$0	\$0	\$90,000
Net	\$45,000	\$0	\$0	\$0	\$0	\$45,000

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
2017	\$0	\$45,000
2018	\$0	\$0
2019	\$0	\$0
2020	\$0	\$0
2021	\$45,000	\$0
Total	\$45,000	\$45,000

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.



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

1. Department / Function: **Lee Manor**
Details of Project/Study: **Computers**

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 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$20,000	\$57,000	\$60,000	\$20,000	\$20,000	\$177,000
Net	\$5,000	\$57,000	\$60,000	\$20,000	\$20,000	\$162,000

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 computers and tablets for example: Point of Care Kiosks, Menu boards, 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 and 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 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$15,000	\$15,000	\$52,000	\$55,000	\$15,000	\$152,000
Net	\$0	\$0	\$52,000	\$55,000	\$15,000	\$122,000

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
2017	\$5,000	\$15,000
2018	\$57,000	\$0
2019	\$60,000	\$0
2020	\$20,000	\$0
2021	\$20,000	\$0
Total	\$162,000	\$15,000

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.



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

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 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$25,000	\$25,000	\$25,000	\$25,000	\$25,000	\$125,000
Net	\$0	\$25,000	\$25,000	\$25,000	\$25,000	\$100,000

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 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$25,000	\$25,000	\$25,000	\$25,000	\$25,000	\$125,000
Net	\$1,031	\$0	\$25,000	\$25,000	\$25,000	\$76,031

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
2017	\$0	\$25,000
2018	\$25,000	\$0
2019	\$25,000	\$0
2020	\$25,000	\$0
2021	\$25,000	\$0
Total	\$100,000	\$25,000

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.



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

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 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$20,000	\$20,000	\$20,000	\$20,000	\$20,000	\$100,000
Net	\$0	\$20,000	\$20,000	\$20,000	\$20,000	\$80,000

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, finishing's (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 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$20,000	\$20,000	\$20,000	\$20,000	\$20,000	\$100,000
Net	\$20,000	\$0	\$20,000	\$20,000	\$20,000	\$80,000

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 - From Lee Manor Operations Reserve
2017	\$0	\$20,000
2018	\$20,000	\$0
2019	\$20,000	\$0
2020	\$20,000	\$0
2021	\$20,000	\$0

Total	\$80,000	\$20,000
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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.



**CORPORATION OF THE COUNTY OF GREY
2017-2021 CAPITAL PROJECT FORM**

1. Department / Function: **Lee Manor**

Details of Project/Study: **Emergency Generator Re-furbishment**

2. Total Gross Cost of Proposed Capital Project/Study: \$13,500

Construction	Consultant/Contractor	Equipment	Other (Specify)
	\$13,500		

As per Building Condition Assessment completed in 2011 by The Stonewell Group Inc and Byrne Engineering Inc.

Cost of Proposed Capital Project/Study in 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$13,500	\$0	\$0	\$0	\$0	\$13,500
Net	\$0	\$0	\$0	\$0	\$0	\$0

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 emergency generator provides power to essential circuits during a power failure. The system is tested on a regular schedule. Recommendation is for regularly scheduled refurbishment of generator components.

6. Scheduling and Cost of Project/Study in 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$0	\$13,500	\$0	\$0	\$0	\$13,500
Net	\$0	\$0	\$0	\$0	\$0	\$0

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

Potential health and safety risk to residents and staff related to generator failure during power outage.

8. Identify Sources and Amounts of Funding

	Taxation	From Reserve - Lee Manor Reserve
2017	\$0	\$13,500
2018	\$0	\$0
2019	\$0	\$0
2020	\$0	\$0
2021	\$0	\$0
Total	\$0	\$13,500

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):

Potential for system failure and noncompliance of MOHLTC regulations related to generators.



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

1. Department / Function: **Lee Manor**

Details of Project/Study: **Storm Water Management**

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

Construction	Consultant/Contractor	Equipment	Other (Specify)
\$40,000	\$5,000		

Cost of Proposed Capital Project/Study in 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$40,000	\$0	\$0	\$0	\$0	\$40,000
Net	\$27,737	\$0	\$0	\$0	\$0	\$27,737

3. Estimated Useful Life:

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):

Fluctuation in weather conditions (rain and snow) is causing an increase amount of water run off from the hills around the east side of the building. Run off controls are necessary to reduce the risk of flooding into the east wing of building. Consultant required to survey the grade for proper sloping and plants to control the water run off. See attached pictures.

6. Scheduling and Cost of Project/Study in 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$5,000	\$40,000	\$0	\$0	\$0	\$45,000
Net	\$5,000	\$22,737	\$0	\$0	\$0	\$27,737

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

Potential risk to residents and staff related to flooding into resident home area, main floor, east side of the building.

8. Identify Sources and Amounts of Funding

	Taxation	From Reserve - Lee Manor Reserve
2017	\$27,737	\$12,263
2018	\$0	\$0
2019	\$0	\$0
2020	\$0	\$0
2021	\$0	\$0
Total	\$27,737	\$12,263

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):

Potential health and safety risk to residents and staff. Costly repairs related to water damage caused by flooding.











CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

1. Department / Function: **Lee Manor**

Details of Project/Study: **Replacement of Mechanical air make-up system**

2. Total Gross Cost of Proposed Capital Project/Study: \$15,000

Construction	Consultant/Contractor	Equipment	Other (Specify)
\$15,000			

As per Building Condition Assessment completed in 2011 by The Stonewell Group Inc and Byrne Engineering Inc.

Cost of Proposed Capital Project/Study in 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$15,000	\$0	\$0	\$0	\$0	\$15,000
Net	\$0	\$0	\$0	\$0	\$0	\$0

3. Estimated Useful Life: 25 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):

Recommendation for replacement of air make-up system that supplies and removes air to the gas operated dryers in the basement laundry room. The air make-up system is serviced annually and is coming to the end of useful life.

6. Scheduling and Cost of Project/Study in 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$0	\$15,000	\$0	\$0	\$0	\$15,000
Net	\$0	\$0	\$0	\$0	\$0	\$0

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

Potential health and safety risk to residents/staff and disruption to laundry service to the residents and EMS.

8. Identify Sources and Amounts of Funding

	Taxation	From Reserve - Lee Manor Reserve
2017	\$0	\$15,000
2018	\$0	\$0
2019	\$0	\$0
2020	\$0	\$0
2021	\$0	\$0
Total	\$0	\$15,000

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):

Health and safety risk to staff and inefficient operation of the dryers related to gas build-up.



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

1. Department / Function: **Lee Manor**

Details of Project/Study: **Fire system heat and smoke detectors**

2. Total Gross Cost of Proposed Capital Project/Study: \$95,000

Construction	Consultant/Contractor	Equipment	Other (Specify)
		\$95,000	

As per Building Condition Assessment completed in 2011 by The Stonewell Group Inc and Byrne Engineering Inc.

Cost of Proposed Capital Project/Study in 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$0	\$95,000	\$0	\$0	\$0	\$95,000
Net	\$0	\$90,000	\$0	\$0	\$0	\$90,000

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):

Ceiling mounted heat and smoke detectors are installed in all occupied and selected areas, as well as all air handling ductwork. There are 192 smoke detectors and 133 heat detectors. This is a end of useful life replacement.

6. Scheduling and Cost of Project/Study in 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$0	\$0	\$95,000	\$0	\$0	\$95,000
Net	\$0	\$0	\$95,000	\$0	\$0	\$95,000

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
2017	\$0	\$0
2018	\$90,000	\$5,000
2019	\$0	\$0
2020	\$0	\$0
2021	\$0	\$0
Total	\$90,000	\$5,000

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):



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

1. Department / Function: **Lee Manor**

Details of Project/Study: **Sanitary waste removal system**

2. Total Gross Cost of Proposed Capital Project/Study: \$29,500

Construction	Consultant/Contractor	Equipment	Other (Specify)
\$29,500			

As per Building Condition Assessment completed in 2011 by The Stonewell Group Inc and Byrne Engineering Inc.

Cost of Proposed Capital Project/Study in 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$0	\$11,500	\$0	\$0	\$0	\$11,500
Net	\$0	\$11,500	\$0	\$0	\$0	\$11,500

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):

Replacement of the old two sump pump system (one motor does all the work, second motor is for back-up if first motor fails), with a new system where the two pumps are working alternatively. The pumps control the water from 1st floor, basement, roof and all service water. Recommending the installation of four pumps (two pumps will be considered back-up in case of system failure). Assessment recommendation is to power flush all drains every two years.

6. Scheduling and Cost of Project/Study in 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$18,000	\$0	\$11,500	\$0	\$0	\$29,500
Net	\$18,000	\$0	\$11,500	\$0	\$0	\$29,500

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	From Reserve - Lee Manor Reserve
2017	\$0	\$0
2018	\$11,500	\$0
2019	\$0	\$0
2020	\$0	\$0
2021	\$0	\$0
Total	\$11,500	\$0

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):

Potential for system failure affecting the operations of the facility.



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

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 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$0	\$0	\$55,000	\$0	\$0	\$55,000
Net	\$0	\$0	\$55,000	\$0	\$0	\$55,000

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 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$0	\$0	\$0	\$55,000	\$0	\$55,000
Net	\$0	\$0	\$0	\$55,000	\$0	\$55,000

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

	Taxation
2017	\$0
2018	\$0
2019	\$55,000
2020	\$0
2021	\$0
Total	\$55,000

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):

Health and safety risk to residents and staff.



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

1. Department / Function: **Lee Manor**

Details of Project/Study: **Front Parking Lot resurfacing catch basin replacement**

2. Total Gross Cost of Proposed Capital Project/Study: \$72,500

Construction	Consultant/Contractor	Equipment	Other (Specify)
\$70,000	\$2,500		

Cost of Proposed Capital Project/Study in 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$0	\$0	\$72,500	\$0	\$0	\$72,500
Net	\$0	\$0	\$18,182	\$0	\$0	\$18,182

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 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$0	\$0	\$0	\$72,500	\$0	\$72,500
Net	\$0	\$0	\$0	\$18,182	\$0	\$18,182

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
2017	\$0	\$0
2018	\$0	\$0
2019	\$18,182	\$54,318
2020	\$0	\$0
2021	\$0	\$0
Total	\$18,182	\$54,318

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):

Potential for injury to residents, the public and staff.



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

1. Department / Function: **Lee Manor**

Details of Project/Study: **Replacement of Fridge in Dining Room Servery (5 areas)**

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 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$0	\$0	\$20,000	\$0	\$0	\$20,000
Net	\$0	\$0	\$20,000	\$0	\$0	\$20,000

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 5 Fridges 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.

6. Scheduling and Cost of Project/Study in 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$0	\$0	\$0	\$20,000	\$0	\$20,000
Net	\$0	\$0	\$0	\$20,000	\$0	\$20,000

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
2017	\$0
2018	\$0
2019	\$20,000
2020	\$0
2021	\$0
Total	\$20,000

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



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

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 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$0	\$0	\$0	\$12,000	\$0	\$12,000
Net	\$0	\$0	\$0	\$12,000	\$0	\$12,000

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):

All new parking lots in 2006. The joint in the asphalt seam at the front of the building has separated and there are some cracks at the catch basin. The Building Condition Assessment recommends repair work to concrete and driveways, as required, to ensure life expectancy.

6. Scheduling and Cost of Project/Study in 2016-2020 Capital Plan: 2014 Project carried forward

	2016	2017	2018	2019	2020	Total
Gross	\$0	\$0	\$0	\$0	\$12,000	\$12,000
Net	\$0	\$0	\$0	\$0	\$12,000	\$12,000

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

Further damage of asphalt and concrete sidewalk, potential health and safety risk.

8. Identify Sources and Amounts of Funding

	From Reserve - Lee Manor Reserve	Taxation
2017	\$0	\$0
2018	\$0	\$0
2019	\$0	\$0
2020	\$0	\$12,000
2021	\$0	\$0
Total	\$0	\$12,000

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

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.



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

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 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$15,000	\$15,000	\$15,000	\$15,000	\$15,000	\$75,000
Net	\$15,000	\$15,000	\$15,000	\$15,000	\$15,000	\$75,000

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 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$0	\$15,000	\$15,000	\$0	\$0	\$30,000
Net	\$0	\$15,000	\$15,000	\$0	\$0	\$30,000

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
2017	\$15,000
2018	\$15,000
2019	\$15,000
2020	\$15,000
2021	\$15,000
Total	\$75,000

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.



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

1. Department / Function: **Lee Manor**

Details of Project/Study: **Kitchen Renovation**

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 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$150,000	\$0	\$0	\$0	\$0	\$150,000
Net	\$150,000	\$0	\$0	\$0	\$0	\$150,000

3. Estimated Useful Life:

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 renovate the kitchen. This project includes replacement of kitchen flooring, equipment and workstations. The kitchen floor that was installed during the 2004 renovations is showing signs of wear and tear; the seams are splitting and lifting areas of the floor. This is a health and safety and infection control hazard. Several pieces of equipment, shelving and workstations were not replaced during renovations and are at the end of their life cycle. This includes the compressors, shelving and flooring for the fridge/freezer. A Kitchen Designer/Consultant will be used to assess the current design of the kitchen and make recommendations for flooring, equipment and workflow, as well as, oversee the project.

6. Scheduling and Cost of Project/Study in 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$0	\$150,000	\$0	\$0	\$0	\$150,000
Net	\$0	\$150,000	\$0	\$0	\$0	\$150,000

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

Potential non-compliance to MOHLTC, MOL, and Public Health regulations

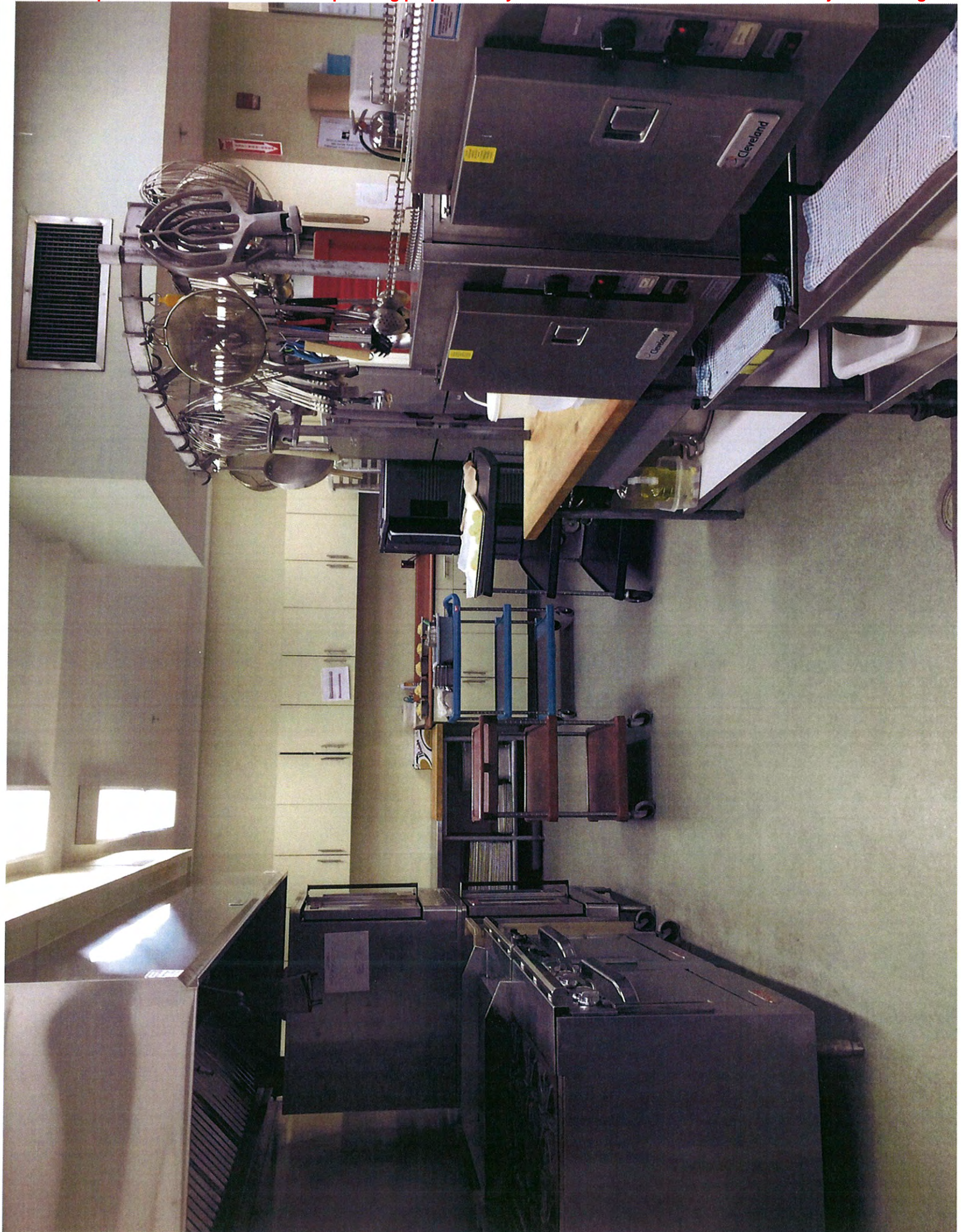
8. Identify Sources and Amounts of Funding

	Taxation
2017	\$150,000
2018	\$0
2019	\$0
2020	\$0
2021	\$0
Total	\$150,000

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

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

Health and safety risk for staff. Potential for non-compliance to MOHLTC, MOL and Public Health regulations





CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

1. Department / Function: **Lee Manor**

Details of Project/Study: **Kitchen Floor Replacement (Dish Room)**

2. Total Gross Cost of Proposed Capital Project/Study: \$15,000

Construction	Consultant/Contractor	Equipment	Other (Specify)
\$15,000			

Cost of Proposed Capital Project/Study in 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$15,000	\$0	\$0	\$0	\$0	\$15,000
Net	\$15,000	\$0	\$0	\$0	\$0	\$15,000

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 capital funds are to replace the existing flooring, at the end of useful life, and to install a floor drain in the kitchen dish room. The installation of a drain will ensure the dish room is in compliance with MOHLTC environmental regulations. Replacement of kitchen floor (dishroom) moved from 2016 to 2017 as part of the kitchen renovation project.

6. Scheduling and Cost of Project/Study in 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$0	\$15,000	\$0	\$0	\$0	\$15,000
Net	\$0	\$15,000	\$0	\$0	\$0	\$15,000

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

Potential health and safety risk to staff and infection control concerns.

8. Identify Sources and Amounts of Funding

	Taxation
2017	\$15,000
2018	\$0
2019	\$0
2020	\$0
2021	\$0
Total	\$15,000

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 with Ministry of Labour related to providing a safe work environment

and Ministry of Health and Long Term Care, Environment regulations regarding drainage in dish washing room.





CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

1. Department / Function: **Lee Manor**

Details of Project/Study: **Gas Range Stoves (2)**

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 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$30,000	\$0	\$0	\$0	\$0	\$30,000
Net	\$0	\$0	\$0	\$0	\$0	\$0

3. Estimated Useful Life: 10-15 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):

To replace the existing 2 gas range stoves that will be at the end of their useful life. The new gas range stoves will ensure consistent cooking and productivity. Replacement of gas range stoves moved from 2016 to 2017 as part of the kitchen renovation project.

6. Scheduling and Cost of Project/Study in 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$0	\$30,000	\$0	\$0	\$0	\$30,000
Net	\$0	\$0	\$0	\$0	\$0	\$0

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

Potential for costly repairs and interruption to resident meal service.

8. Identify Sources and Amounts of Funding

	Taxation	From Reserve - Lee Manor Reserve
2017	\$0	\$30,000
2018	\$0	\$0
2019	\$0	\$0
2020	\$0	\$0
2021	\$0	\$0
Total	\$0	\$30,000

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 to Ministry of Health and Long Term Care and Public Health regulations





CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

1. Department / Function: **Lee Manor**

Details of Project/Study: **Convection Ovens (2)**

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 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$40,000	\$0	\$0	\$0	\$0	\$40,000
Net	\$0	\$0	\$0	\$0	\$0	\$0

3. Estimated Useful Life: 10-15 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 2 convection ovens that will be at the end of their useful life and to eliminate costly repairs. The new convection ovens will ensure consistent cooking and productivity. Replacement of convection ovens moved from 2019 to 2017 as part of the kitchen renovation project.

6. Scheduling and Cost of Project/Study in 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$0	\$40,000	\$0	\$0	\$0	\$40,000
Net	\$0	\$0	\$0	\$0	\$0	\$0

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

Potential for costly repairs and interruption to Resident meal service

8. Identify Sources and Amounts of Funding

	From Reserve - Lee Manor Reserve
2017	\$40,000
2018	\$0
2019	\$0
2020	\$0
2021	\$0
Total	\$40,000

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 to Ministry of Health and Long Term Care and Public Health regulations





CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

1. Department / Function: **Lee Manor**

Details of Project/Study: **Fire Alarm System (pull station replacement)**

2. Total Gross Cost of Proposed Capital Project/Study: \$31,000

Construction	Consultant/Contractor	Equipment	Other (Specify)
\$31,000			

As per Building Condition Assessment completed in 2011 by The Stonewell Group Inc and Byrne Engineering Inc.

Cost of Proposed Capital Project/Study in 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$0	\$0	\$0	\$0	\$31,000	\$31,000
Net	\$0	\$0	\$0	\$0	\$0	\$0

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):

Replacement of pull stations will allow the facility to remain current with new technology and fire code.

6. Scheduling and Cost of Project/Study in 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$0	\$0	\$0	\$0	\$0	\$0
Net	\$0	\$0	\$0	\$0	\$0	\$0

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

Possible failure of devices because of age and old technology

8. Identify Sources and Amounts of Funding

	From Reserve - from reserve
2017	\$0
2018	\$0
2019	\$0
2020	\$0
2021	\$31,000
Total	\$31,000

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):

Health and safety risk to residents and staff. Non-compliance with MOHLTC regulations and Fire Code.



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

1. Department / Function: **Lee Manor**

Details of Project/Study: **Fire Alarm System (horns and strobes)**

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 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$0	\$0	\$0	\$0	\$60,000	\$60,000
Net	\$0	\$0	\$0	\$0	\$0	\$0

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):

Emergency alarm horns/strobes are installed throughout the building. This is an end of life cycle replacement to ensure life saving system remains compliant with fire code.

6. Scheduling and Cost of Project/Study in 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$0	\$0	\$0	\$0	\$0	\$0
Net	\$0	\$0	\$0	\$0	\$0	\$0

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

Possible failure of fire sounding and visual devices require for life safety

8. Identify Sources and Amounts of Funding

	From Reserve - from reserve
2017	\$0
2018	\$0
2019	\$0
2020	\$0
2021	\$60,000
Total	\$60,000

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):

Health and safety risk to residents and staff. Non-compliance with MOHLTC regulations and Fire Code.



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

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: \$39,570

Construction	Consultant/Contractor	Equipment	Other (Specify)
\$36,570	\$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 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$0	\$0	\$0	\$0	\$39,570	\$39,570
Net	\$0	\$0	\$0	\$0	\$0	\$0

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 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$0	\$0	\$0	\$0	\$0	\$0
Net	\$0	\$0	\$0	\$0	\$0	\$0

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 - from reserve
2017	\$0
2018	\$0
2019	\$0
2020	\$0
2021	\$39,570
Total	\$39,570

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):

Health and safety risk to residents, staff and general public. Potential violation of TSSA standards.



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

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

As per 2011 Building Condition Assessment and Reserve Fund schedules.

Cost of Proposed Capital Project/Study in 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$0	\$0	\$0	\$107,952	\$81,926	\$189,878
Net	\$0	\$0	\$0	\$107,952	\$81,926	\$189,878

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 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$0	\$0	\$0	\$0	\$127,952	\$127,952
Net	\$0	\$0	\$0	\$0	\$127,952	\$127,952

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 - Lee Manor Reserve
2017	\$0
2018	\$0
2019	\$0
2020	\$107,952
2021	\$81,926
Total	\$189,878

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

Transportation and Public Safety Committee

Construction, Resurfacing and Minor Capital: 2017



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

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 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$600,000	\$600,000	\$600,000	\$600,000	\$600,000	\$3,000,000
Net	\$600,000	\$600,000	\$600,000	\$600,000	\$600,000	\$3,000,000

3. Estimated Useful Life: 15-20 years

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

Facility Name / Address	Municipality
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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) and unforeseen projects where deterioration is more severe than anticipated.

6. Scheduling and Cost of Project/Study in 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$600,000	\$600,000	\$600,000	\$600,000	\$600,000	\$3,000,000
Net	\$600,000	\$600,000	\$600,000	\$600,000	\$600,000	\$3,000,000

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
2017	\$600,000
2018	\$600,000
2019	\$600,000
2020	\$600,000
2021	\$600,000
Total	\$3,000,000

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):



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

1. **Department / Function:** **Construction, Resurfacing and Minor Capital -**
Details of Project/Study: **Culverts under 3 m**

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

Construction	Consultant/Contractor	Equipment	Other (Specify)
\$2,000,000			

The County is responsible for maintaining more than 1,300 culverts with diameter less than 3 metres. The cost of lining a culvert is \$7,000 to \$9,000. The cost to excavate and replace a culvert is \$25,000 to \$30,000. The work plan for 2016 will see 27 culverts replaced or lined. The new culverts and liners are made of high-density polyethylene (HDPE).

Cost of Proposed Capital Project/Study in 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$400,000	\$400,000	\$400,000	\$400,000	\$400,000	\$2,000,000
Net	\$400,000	\$400,000	\$400,000	\$400,000	\$400,000	\$2,000,000

3. **Estimated Useful Life:** 50-100 years

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

Facility Name / Address	Municipality
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5. **Need or Benefit(s) of Project (including safety issues):**

The existing culverts have been in place for a number of years and warrant replacement. If they are not replaced culvert failure could occur. Grey County frequently lines existing culverts reducing replacement costs and impact on the environment and impact on the existing road surface.

6. **Scheduling and Cost of Project/Study in 2016-2020 Capital Plan:**

	2016	2017	2018	2019	2020	Total
Gross	\$200,000	\$200,000	\$200,000	\$200,000	\$200,000	\$1,000,000
Net	\$200,000	\$200,000	\$200,000	\$200,000	\$200,000	\$1,000,000

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

Not replacing culverts could result in failure.

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

	Taxation
2017	\$400,000
2018	\$400,000
2019	\$400,000
2020	\$400,000
2021	\$400,000
Total	\$2,000,000

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

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



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

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 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$2,500,000
Net	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$2,500,000

3. **Estimated Useful Life:** 80 years

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

Facility Name / Address	Municipality
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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. The attached document shows the planned 2016 projects to be undertaken by the County's bridge crew.

6. **Scheduling and Cost of Project/Study in 2016-2020 Capital Plan:**

	2016	2017	2018	2019	2020	Total
Gross	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$2,500,000
Net	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$2,500,000

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
2017	\$500,000
2018	\$500,000
2019	\$500,000
2020	\$500,000
2021	\$500,000
Total	\$2,500,000

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.

Bridge Crew Projects 2016

Bridge/Culvert Number	Description of Work
Br.900-003	Remove Concrete rails from Bridge for Georgian Bluffs as per TR-TAPS-08-06 agreement
Br.40-079	Remove asphalt and existing waterproofing. Repair deck and prepare for waterproofing. Mark the edge of the deck on the curbs for future asphalt cut. Install new posts and thrie -beam on existing curbs, repair curbs if nesasary.
Br. 031-139	Remove asphalt and fill. Repair deck and drains as needed - waterproof and replace fill.
Br. 900-363	Reinforce north and south/east wing walls. Repair southwest wing wall.
Br. 900-188	Replace outside steel beams and bracing north and south west quardrant
Br.004-209	North sidewalk resurface. Resurface curb facia, soffit and deck soffit. Paint steel hand rails.
Br. 013-068	Deck soffit repairs including drip edge
Br.015-023	Deck soffit repairs outside curb replace, repair
Br.007-136	Considering route and seal until Road section is redone...
Br.900-213	Pressure wash and seal, patch if needed
Br.18-038	Pressure wash and seal, patch if needed. Prepare and paint steel hand rails
Br.030-127	Chip patch and seal concrete.
Br.030-126	Seal concrete curb. Berm clean up.
Br.18-415	Paint steel hand rails, Chip patch and seal concrete.
Br.12-588	Paint steel hand rails, Chip patch and seal concrete.
Cu. 029-903	Wide crack to be filled - possibly grout pumped
Br.900-271	Detailed inspection, and consider replacing deck. 10 yrs old and had a expected life of 5 yrs.
Br. 10-185	Remove and replace backside of curb
Cu. 15-901	Continue to monitor and patch
Cu. 900-907	Remove surface treatment and fill to expose concrete deck, patch and waterproof. Remove pressure treated 8x8s and replace with a cast-in-place concrete retaining curb
all bridges	New Bridge washing program
Various	Collision damage, routine maintenance as reported and observed. Painting, vegetation trimming and berm cleanup as needed. Replace signage.
Projects are subject to change. Dates to be determined.	



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

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: \$250,000

Construction	Consultant/Contractor	Equipment	Other (Specify)
	\$250,000		

Cost of Proposed Capital Project/Study in 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$250,000
Net	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$250,000

3. **Estimated Useful Life:** Typically new structures would have a service life of 100 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 2016-2020 Capital Plan:**

	2016	2017	2018	2019	2020	Total
Gross	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$250,000
Net	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$250,000

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
2017	\$50,000
2018	\$50,000
2019	\$50,000
2020	\$50,000
2021	\$50,000
Total	\$250,000

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

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



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

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 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$250,000
Net	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$250,000

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 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$250,000
Net	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$250,000

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

8. Identify Sources and Amounts of Funding

	Taxation	From Reserve - Transportation General
2017	\$50,000	\$0
2018	\$50,000	\$0
2019	\$50,000	\$0
2020	\$50,000	\$0
2021	\$50,000	\$0
Total	\$250,000	\$0

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

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



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

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: \$1,500,000

Construction	Consultant/Contractor	Equipment	Other (Specify)
			\$1,500,000

Pre-Engineering

Cost of Proposed Capital Project/Study in 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$310,000	\$320,000	\$330,000	\$330,000	\$330,000	\$1,620,000
Net	\$310,000	\$320,000	\$330,000	\$330,000	\$330,000	\$1,620,000

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 items such as minor property purchases, field investigations for permits, drainage investigations, preliminary surveys, encroachment permit reviews, planning reviews, geotechnical investigations, meetings, investigating issues forwarded by residents.

6. Scheduling and Cost of Project/Study in 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$300,000	\$300,000	\$300,000	\$300,000	\$300,000	\$1,500,000
Net	\$300,000	\$300,000	\$300,000	\$300,000	\$300,000	\$1,500,000

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

Typically the ongoing activities of the Engineering Department to carry on the daily business of the Transportation Services Department. Frequently this item relates directly to the level of customer service provided by Engineering staff.

8. Identify Sources and Amounts of Funding

	Taxation
2017	\$310,000
2018	\$320,000
2019	\$330,000
2020	\$330,000
2021	\$330,000
Total	\$1,620,000

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):



**CORPORATION OF THE COUNTY OF GREY
2017-2021 CAPITAL PROJECT FORM**

1. Department / Function: Construction, Resurfacing and Minor Capital - 2017

Details of Project/Study: **Grey Road 3 and Grey Road 16 Intersection Improvements - Keady (16-006,16-009,3-057,3-058)**

2. Total Gross Cost of Proposed Capital Project/Study: \$663,993

Construction	Consultant/Contractor	Equipment	Other (Specify)
	\$663,993		

Cost of Proposed Capital Project/Study in 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$683,993	\$0	\$0	\$0	\$0	\$683,993
Net	\$564,495	\$0	\$0	\$0	\$0	\$564,495

3. Estimated Useful Life: 20 years

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

Facility Name / Address	Municipality
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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 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$0	\$0	\$0	\$0	\$0	\$0
Net	\$0	\$0	\$0	\$0	\$0	\$0

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
2017	\$119,498	\$564,495
2018	\$0	\$0
2019	\$0	\$0
2020	\$0	\$0
2021	\$0	\$0
Total	\$119,498	\$564,495

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):



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

1. Department / Function: Construction, Resurfacing and Minor Capital - 2017

Details of Project/Study: **Grey Road 10 - Hanover - 12th St. to 16th St. (10030)**

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 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$150,000	\$0	\$0	\$0	\$0	\$150,000
Net	\$150,000	\$0	\$0	\$0	\$0	\$150,000

3. Estimated Useful Life: 15 years

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

Facility Name / Address	Municipality
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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 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$0	\$0	\$0	\$0	\$0	\$0
Net	\$0	\$0	\$0	\$0	\$0	\$0

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
2017	\$150,000
2018	\$0
2019	\$0
2020	\$0
2021	\$0
Total	\$150,000

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

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



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

1. Department / Function: **Construction, Resurfacing and Minor Capital - 2017**

Details of Project/Study: **Grey Road 10 Structures 10590 & 10900: 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 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$900,000	\$0	\$0	\$0	\$0	\$900,000
Net	\$0	\$0	\$0	\$0	\$0	\$0

3. Estimated Useful Life: 100 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):

10-590 BCI of 26.82 in 2013 Structure Inspections. 10-900 BCI of 35.69 in 2013/2014 41.76 in 2011/2012 Structure Inspections. Relocating the municipal drain is the preferred option as it removes two major assets (structures over 3m) from the Grey County inventory.

6. Scheduling and Cost of Project/Study in 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$900,000	\$0	\$0	\$0	\$0	\$900,000
Net	\$450,000	\$0	\$0	\$0	\$0	\$450,000

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

	Taxation	Partners - Bruce County	From Reserve - Transportation General
2017	\$0	\$450,000	\$450,000
2018	\$0	\$0	\$0
2019	\$0	\$0	\$0
2020	\$0	\$0	\$0
2021	\$0	\$0	\$0
Total	\$0	\$450,000	\$450,000

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

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



**CORPORATION OF THE COUNTY OF GREY
2017-2021 CAPITAL PROJECT FORM**

1. Department / Function: Construction, Resurfacing and Minor Capital - 2017

Details of Project/Study: Grey Road 18 Pulverize & Pave/Cold-In-Place Rehabilitation: Highway 21 - Grey Road 5 (18003-18006)

2. Total Gross Cost of Proposed Capital Project/Study: \$1,621,724

Construction	Consultant/Contractor	Equipment	Other (Specify)
	\$1,621,724		

Cost of Proposed Capital Project/Study in 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$1,621,724	\$0	\$0	\$0	\$0	\$1,621,724
Net	\$395,181	\$0	\$0	\$0	\$0	\$395,181

3. Estimated Useful Life: 18 Years

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

Facility Name / Address	Municipality
N/A	Township of Georgian Bluffs

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

PCI 38; Rough ride, multiple surface defects – exceeded functional service life – rehabilitate/reconstruct. Will implement fully paved shoulders to support active transportation and decrease maintenance costs.

6. Scheduling and Cost of Project/Study in 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$1,149,252	\$0	\$0	\$0	\$0	\$1,149,252
Net	\$10,049	\$0	\$0	\$0	\$0	\$10,049

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 2	Taxation - Federal Gas Tax	Fed/Prov Grants - OCIF Grant
2017	\$902,028	\$395,181	\$324,515
2018	\$0	\$0	\$0
2019	\$0	\$0	\$0
2020	\$0	\$0	\$0
2021	\$0	\$0	\$0
Total	\$902,028	\$395,181	\$324,515

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

Embraces active transportation principles and reduces ongoing maintenance.

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



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

1. Department / Function: Construction, Resurfacing and Minor Capital - 2017

Details of Project/Study: **Grey Road 18 Structures 018118 & 018376: North & South of Grey Road 5**

2. Total Gross Cost of Proposed Capital Project/Study: \$1,161,279

Construction	Consultant/Contractor	Equipment	Other (Specify)
	\$1,161,279		

Cost of Proposed Capital Project/Study in 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$1,161,279	\$0	\$0	\$0	\$0	\$1,161,279
Net	\$1,161,279	\$0	\$0	\$0	\$0	\$1,161,279

3. Estimated Useful Life: 80 years

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

Facility Name / Address	Municipality
N/A	Township of Georgian Bluffs

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

Structure 18-118 BCI of 52.43 in 2011/12 and 51.88 in 2013/14

6. Scheduling and Cost of Project/Study in 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$825,000	\$0	\$0	\$0	\$0	\$825,000
Net	\$825,000	\$0	\$0	\$0	\$0	\$825,000

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

Grey would need to address the structures after paving of Grey Road 18 resulting in multiple years of driver inconvenience and additional expenses.

8. Identify Sources and Amounts of Funding

	Taxation
2017	\$1,161,279
2018	\$0
2019	\$0
2020	\$0
2021	\$0
Total	\$1,161,279

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

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



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

1. Department / Function: Construction, Resurfacing and Minor Capital - 2017

Details of Project/Study: **Grey Road 25 Pulverize & Pave Rehabilitation: Grey Road 3 - Highway 6 (25006-25015)**

2. Total Gross Cost of Proposed Capital Project/Study: \$1,897,177

Construction	Consultant/Contractor	Equipment	Other (Specify)
	\$1,897,177		

Cost of Proposed Capital Project/Study in 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$1,897,177	\$0	\$0	\$0	\$0	\$1,897,177
Net	\$597,177	\$0	\$0	\$0	\$0	\$597,177

3. Estimated Useful Life: 15 Years

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

Facility Name / Address	Municipality
N/A	Township of Chatsworth

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

Surface Treatment is deteriorating. Rehabilitate deteriorated road to a County standard.

6. Scheduling and Cost of Project/Study in 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$0	\$0	\$0	\$1,745,584	\$0	\$1,745,584
Net	\$0	\$0	\$0	\$445,584	\$0	\$445,584

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

Road deterioration will lead to increased maintenance costs and possible safety issues. May require significant maintenance costs if not completed soon.

8. Identify Sources and Amounts of Funding

	From Reserve - Federal Gas Tax	Taxation
2017	\$1,300,000	\$597,177
2018	\$0	\$0
2019	\$0	\$0
2020	\$0	\$0
2021	\$0	\$0
Total	\$1,300,000	\$597,177

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

Investing in Grey County assets.

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



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

1. Department / Function: Construction, Resurfacing and Minor Capital - 2017

Details of Project/Study: **Grey Road 112 Structure 112-900: 1 km north of Highway 26**

2. Total Gross Cost of Proposed Capital Project/Study: \$812,900

Construction	Consultant/Contractor	Equipment	Other (Specify)
\$812,900			

Cost of Proposed Capital Project/Study in 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$1,094,000	\$0	\$0	\$0	\$0	\$1,094,000
Net	\$1,094,000	\$0	\$0	\$0	\$0	\$1,094,000

3. Estimated Useful Life: 100 years

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

Facility Name / Address	Municipality
N/A	Municipality of Meaford

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

BCI of 63.46 in 2011/12 and 48.59 in 2013/14 and 25.26 in 2015. Constitutes part of an important route to Land Force Central Area Training Centre Meaford.

6. Scheduling and Cost of Project/Study in 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$0	\$812,900	\$0	\$0	\$0	\$812,900
Net	\$0	\$812,900	\$0	\$0	\$0	\$812,900

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

Safety concern if not addressed.

8. Identify Sources and Amounts of Funding

	Taxation
2017	\$1,094,000
2018	\$0
2019	\$0
2020	\$0
2021	\$0
Total	\$1,094,000

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

Protect the economic impact of the Land Force Central Area Training Centre Meaford. Investments in Grey County Infrastructure.

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



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

1. Department / Function: Construction, Resurfacing and Minor Capital - 2017

Details of Project/Study: **Grey Road 119 Pulverize & Pave Rehabilitation: Grey Road 2 - 4th Line (119018-119021)**

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 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$2,500,000	\$0	\$0	\$0	\$0	\$2,500,000
Net	\$1,155,000	\$0	\$0	\$0	\$0	\$1,155,000

3. Estimated Useful Life: 15 Years

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

Facility Name / Address	Municipality
N/A	The Blue Mountains

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

This road is surface treatment. Current road deteriorated and needs to be improved. Grey County is proceeding under the assumption that this section will be included in the paved shoulder policy (3.25m lanes and 1.2m fully paved shoulders). Some geometric deficiency repairs are also being investigated.

6. Scheduling and Cost of Project/Study in 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$1,084,380	\$0	\$0	\$0	\$0	\$1,084,380
Net	\$84,380	\$0	\$0	\$0	\$0	\$84,380

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

Road deterioration will lead to increased maintenance costs and possible safety issues. Omitting the paved shoulders may negatively impact tourism and the

8. Identify Sources and Amounts of Funding

	From Reserve - Construction Reserve	From Reserve - Federal Gas Tax	Taxation
2017	\$600,000	\$745,000	\$1,155,000
2018	\$0	\$0	\$0
2019	\$0	\$0	\$0
2020	\$0	\$0	\$0
2021	\$0	\$0	\$0
Total	\$600,000	\$745,000	\$1,155,000

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

Embracing active transportation principles and supporting economic development and healthy communities through investing in Grey County assets.

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



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

1. Department / Function: Construction, Resurfacing and Minor Capital - 2017

Details of Project/Study: **Grey Road 119 Hot Mix Overlay: Grey Road 13 - Grey Road 2(119003-119015)**

2. Total Gross Cost of Proposed Capital Project/Study: \$1,377,447

Construction	Consultant/Contractor	Equipment	Other (Specify)
	\$1,377,447		

Cost of Proposed Capital Project/Study in 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$1,276,573	\$0	\$0	\$0	\$0	\$1,276,573
Net	\$676,573	\$0	\$0	\$0	\$0	\$676,573

3. Estimated Useful Life: 15 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):

This road is surface treatment which is currently in fair condition. Will improve ride quality, safety and decrease maintenance and continue to improve active transportation. Lanes to be constructed are 3.25m with 1.2m paved shoulders.

6. Scheduling and Cost of Project/Study in 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$0	\$0	\$0	\$0	\$1,377,447	\$1,377,447
Net	\$0	\$0	\$0	\$0	\$177,447	\$177,447

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

Ride quality, safety and maintenance concerns and expenses will continue to rise. The majority of the project can be completed via hot mix overlay if completed in 2017. Otherwise, an increasing amount of the project will require a (more expensive) pulverize and pave treatment.

8. Identify Sources and Amounts of Funding

	Taxation	From Reserve - Federal Gas Tax
2017	\$676,573	\$600,000
2018	\$0	\$0
2019	\$0	\$0
2020	\$0	\$0
2021	\$0	\$0
Total	\$676,573	\$600,000

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

Fully paved shoulders will continue the effort to improve active transportation and decrease ongoing maintenance costs.

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



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

1. Department / Function: **Construction, Resurfacing and Minor Capital -**
Details of Project/Study: **Transfer to Transportation General Reserve for Future Infrastructure Needs**

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 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$0	\$0	\$325,000	\$0	\$250,000	\$575,000
Net	\$0	\$0	\$325,000	\$0	\$250,000	\$575,000

3. Estimated Useful Life:

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

Facility Name / Address	Municipality
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5. Need or Benefit(s) of Project (including safety issues):

To set aside money for future infrastructure needs.

6. Scheduling and Cost of Project/Study in 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$0	\$0	\$767,000	\$1,480,000	\$1,918,000	\$4,165,000
Net	\$0	\$0	\$767,000	\$1,480,000	\$1,918,000	\$4,165,000

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

If funds are not available for future infrastructure needs, the County's infrastructure will deteriorate.

8. Identify Sources and Amounts of Funding

	Taxation
2017	\$0
2018	\$0
2019	\$325,000
2020	\$0
2021	\$250,000
Total	\$575,000

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

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

Construction, Resurfacing and Minor Capital: 2018



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

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 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$600,000	\$600,000	\$600,000	\$600,000	\$600,000	\$3,000,000
Net	\$600,000	\$600,000	\$600,000	\$600,000	\$600,000	\$3,000,000

3. Estimated Useful Life: 15-20 years

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

Facility Name / Address	Municipality
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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) and unforeseen projects where deterioration is more severe than anticipated.

6. Scheduling and Cost of Project/Study in 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$600,000	\$600,000	\$600,000	\$600,000	\$600,000	\$3,000,000
Net	\$600,000	\$600,000	\$600,000	\$600,000	\$600,000	\$3,000,000

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
2017	\$600,000
2018	\$600,000
2019	\$600,000
2020	\$600,000
2021	\$600,000
Total	\$3,000,000

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):



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

1. **Department / Function:** **Construction, Resurfacing and Minor Capital -**
Details of Project/Study: **Culverts under 3 m**

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

Construction	Consultant/Contractor	Equipment	Other (Specify)
\$2,000,000			

The County is responsible for maintaining more than 1,300 culverts with diameter less than 3 metres. The cost of lining a culvert is \$7,000 to \$9,000. The cost to excavate and replace a culvert is \$25,000 to \$30,000. The work plan for 2016 will see 27 culverts replaced or lined. The new culverts and liners are made of high-density polyethylene (HDPE).

Cost of Proposed Capital Project/Study in 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$400,000	\$400,000	\$400,000	\$400,000	\$400,000	\$2,000,000
Net	\$400,000	\$400,000	\$400,000	\$400,000	\$400,000	\$2,000,000

3. **Estimated Useful Life:** 50-100 years

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

Facility Name / Address	Municipality
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5. **Need or Benefit(s) of Project (including safety issues):**

The existing culverts have been in place for a number of years and warrant replacement. If they are not replaced culvert failure could occur. Grey County frequently lines existing culverts reducing replacement costs and impact on the environment and impact on the existing road surface.

6. **Scheduling and Cost of Project/Study in 2016-2020 Capital Plan:**

	2016	2017	2018	2019	2020	Total
Gross	\$200,000	\$200,000	\$200,000	\$200,000	\$200,000	\$1,000,000
Net	\$200,000	\$200,000	\$200,000	\$200,000	\$200,000	\$1,000,000

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

Not replacing culverts could result in failure.

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

	Taxation
2017	\$400,000
2018	\$400,000
2019	\$400,000
2020	\$400,000
2021	\$400,000
Total	\$2,000,000

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

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



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

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 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$2,500,000
Net	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$2,500,000

3. **Estimated Useful Life:** 80 years

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

Facility Name / Address	Municipality
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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. The attached document shows the planned 2016 projects to be undertaken by the County's bridge crew.

6. **Scheduling and Cost of Project/Study in 2016-2020 Capital Plan:**

	2016	2017	2018	2019	2020	Total
Gross	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$2,500,000
Net	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$2,500,000

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
2017	\$500,000
2018	\$500,000
2019	\$500,000
2020	\$500,000
2021	\$500,000
Total	\$2,500,000

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.

Bridge Crew Projects 2016

Bridge/Culvert Number	Description of Work
Br.900-003	Remove Concrete rails from Bridge for Georgian Bluffs as per TR-TAPS-08-06 agreement
Br.40-079	Remove asphalt and existing waterproofing. Repair deck and prepare for waterproofing. Mark the edge of the deck on the curbs for future asphalt cut. Install new posts and thrie -beam on existing curbs, repair curbs if nesasary.
Br. 031-139	Remove asphalt and fill. Repair deck and drains as needed - waterproof and replace fill.
Br. 900-363	Reinforce north and south/east wing walls. Repair southwest wing wall.
Br. 900-188	Replace outside steel beams and bracing north and south west quardrant
Br.004-209	North sidewalk resurface. Resurface curb facia, soffit and deck soffit. Paint steel hand rails.
Br. 013-068	Deck soffit repairs including drip edge
Br.015-023	Deck soffit repairs outside curb replace, repair
Br.007-136	Considering route and seal until Road section is redone...
Br.900-213	Pressure wash and seal, patch if needed
Br.18-038	Pressure wash and seal, patch if needed. Prepare and paint steel hand rails
Br.030-127	Chip patch and seal concrete.
Br.030-126	Seal concrete curb. Berm clean up.
Br.18-415	Paint steel hand rails, Chip patch and seal concrete.
Br.12-588	Paint steel hand rails, Chip patch and seal concrete.
Cu. 029-903	Wide crack to be filled - possibly grout pumped
Br.900-271	Detailed inspection, and consider replacing deck. 10 yrs old and had a expected life of 5 yrs.
Br. 10-185	Remove and replace backside of curb
Cu. 15-901	Continue to monitor and patch
Cu. 900-907	Remove surface treatment and fill to expose concrete deck, patch and waterproof. Remove pressure treated 8x8s and replace with a cast-in-place concrete retaining curb
all bridges	New Bridge washing program
Various	Collision damage, routine maintenance as reported and observed. Painting, vegetation trimming and berm cleanup as needed. Replace signage.
Projects are subject to change. Dates to be determined.	



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

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: \$250,000

Construction	Consultant/Contractor	Equipment	Other (Specify)
	\$250,000		

Cost of Proposed Capital Project/Study in 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$250,000
Net	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$250,000

3. **Estimated Useful Life:** Typically new structures would have a service life of 100 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 2016-2020 Capital Plan:**

	2016	2017	2018	2019	2020	Total
Gross	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$250,000
Net	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$250,000

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
2017	\$50,000
2018	\$50,000
2019	\$50,000
2020	\$50,000
2021	\$50,000
Total	\$250,000

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

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



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

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 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$250,000
Net	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$250,000

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 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$250,000
Net	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$250,000

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

8. Identify Sources and Amounts of Funding

	Taxation	From Reserve - Transportation General
2017	\$50,000	\$0
2018	\$50,000	\$0
2019	\$50,000	\$0
2020	\$50,000	\$0
2021	\$50,000	\$0
Total	\$250,000	\$0

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

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



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

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: \$1,500,000

Construction	Consultant/Contractor	Equipment	Other (Specify)
			\$1,500,000

Pre-Engineering

Cost of Proposed Capital Project/Study in 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$310,000	\$320,000	\$330,000	\$330,000	\$330,000	\$1,620,000
Net	\$310,000	\$320,000	\$330,000	\$330,000	\$330,000	\$1,620,000

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 items such as minor property purchases, field investigations for permits, drainage investigations, preliminary surveys, encroachment permit reviews, planning reviews, geotechnical investigations, meetings, investigating issues forwarded by residents.

6. Scheduling and Cost of Project/Study in 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$300,000	\$300,000	\$300,000	\$300,000	\$300,000	\$1,500,000
Net	\$300,000	\$300,000	\$300,000	\$300,000	\$300,000	\$1,500,000

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

Typically the ongoing activities of the Engineering Department to carry on the daily business of the Transportation Services Department. Frequently this item relates directly to the level of customer service provided by Engineering staff.

8. Identify Sources and Amounts of Funding

	Taxation
2017	\$310,000
2018	\$320,000
2019	\$330,000
2020	\$330,000
2021	\$330,000
Total	\$1,620,000

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):



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

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: \$163,813

Construction	Consultant/Contractor	Equipment	Other (Specify)
	\$163,813		

Cost of Proposed Capital Project/Study in 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$0	\$163,813	\$0	\$0	\$0	\$163,813
Net	\$0	\$163,813	\$0	\$0	\$0	\$163,813

3. Estimated Useful Life: 15 Years

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

Facility Name / Address	Municipality
N/A	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 may be completing some watermain work in 2017, pavement rehabilitation to be completed in 2018

6. Scheduling and Cost of Project/Study in 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$0	\$0	\$0	\$100,000	\$0	\$100,000
Net	\$0	\$0	\$0	\$100,000	\$0	\$100,000

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
2017	\$0
2018	\$163,813
2019	\$0
2020	\$0
2021	\$0
Total	\$163,813

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

Investment in Grey County assets.

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



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

1. Department / Function: Construction, Resurfacing and Minor Capital - 2018

Details of Project/Study: **Grey Road 4 - Lambton St to Chester Street in Durham (4036)**

2. Total Gross Cost of Proposed Capital Project/Study: \$146,753

Construction	Consultant/Contractor	Equipment	Other (Specify)
	\$146,753		

Cost of Proposed Capital Project/Study in 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$0	\$146,753	\$0	\$0	\$0	\$146,753
Net	\$0	\$101,591	\$0	\$0	\$0	\$101,591

3. Estimated Useful Life: 15 years

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

Facility Name / Address	Municipality
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5. Need or Benefit(s) of Project (including safety issues):

PCI is 45. In addition West Grey is proposing completing some watermain and/or storm sewer work.

6. Scheduling and Cost of Project/Study in 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$0	\$0	\$0	\$0	\$0	\$0
Net	\$0	\$0	\$0	\$0	\$0	\$0

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

Loss of 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
2017	\$0	\$0
2018	\$101,591	\$45,162
2019	\$0	\$0
2020	\$0	\$0
2021	\$0	\$0
Total	\$101,591	\$45,162

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):



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

1. Department / Function: **Construction, Resurfacing and Minor Capital - 2018**

Details of Project/Study: **Grey Road 10: Microsurface (10042)**

2. Total Gross Cost of Proposed Capital Project/Study: \$177,500

Construction	Consultant/Contractor	Equipment	Other (Specify)
	\$177,500		

Cost of Proposed Capital Project/Study in 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$0	\$177,500	\$0	\$0	\$0	\$177,500
Net	\$0	\$88,750	\$0	\$0	\$0	\$88,750

3. Estimated Useful Life: increase in life of the pavement 2-5 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):

Will prevent further pavement ravelling and deterioration

6. Scheduling and Cost of Project/Study in 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$0	\$0	\$191,700	\$0	\$0	\$191,700
Net	\$0	\$0	\$95,850	\$0	\$0	\$95,850

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

Rehabilitation needed sooner.

8. Identify Sources and Amounts of Funding

	Taxation	Partners - Bruce County
2017	\$0	\$0
2018	\$88,750	\$88,750
2019	\$0	\$0
2020	\$0	\$0
2021	\$0	\$0
Total	\$88,750	\$88,750

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

Investing in Grey County assets.

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



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

1. Department / Function: Construction, Resurfacing and Minor Capital - 2018

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: \$369,039

Construction	Consultant/Contractor	Equipment	Other (Specify)
	\$369,039		

Cost of Proposed Capital Project/Study in 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$0	\$369,039	\$0	\$0	\$0	\$369,039
Net	\$0	\$369,039	\$0	\$0	\$0	\$369,039

3. Estimated Useful Life: 15 Years

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

Facility Name / Address	Municipality
N/A	Municipality of Meaford

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

PCI 47, 49,83; Rough ride, multiple surface defects – met functional service life – rehabilitate/reconstruct

6. Scheduling and Cost of Project/Study in 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$0	\$0	\$369,039	\$0	\$0	\$369,039
Net	\$0	\$0	\$369,039	\$0	\$0	\$369,039

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
2017	\$0
2018	\$369,039
2019	\$0
2020	\$0
2021	\$0
Total	\$369,039

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

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



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

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 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$0	\$500,000	\$0	\$0	\$0	\$500,000
Net	\$0	\$500,000	\$0	\$0	\$0	\$500,000

3. Estimated Useful Life: 15 years

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

Facility Name / Address	Municipality
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5. Need or Benefit(s) of Project (including safety issues):

Project was not completed previously due to the water treatment plant project. Surface is in need of rehabilitation.

6. Scheduling and Cost of Project/Study in 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$0	\$0	\$0	\$0	\$0	\$0
Net	\$0	\$0	\$0	\$0	\$0	\$0

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

Will continue to deteriorate and require more maintenance.

8. Identify Sources and Amounts of Funding

	Taxation
2017	\$0
2018	\$500,000
2019	\$0
2020	\$0
2021	\$0
Total	\$500,000

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

Working with municipal partners.

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



**CORPORATION OF THE COUNTY OF GREY
2017-2021 CAPITAL PROJECT FORM**

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 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$0	\$1,106,915	\$0	\$0	\$0	\$1,106,915
Net	\$0	\$406,915	\$0	\$0	\$0	\$406,915

3. Estimated Useful Life: 18 Years

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

Facility Name / Address	Municipality
N/A	Township of Georgian Bluffs

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

PCI 49-69; Rough ride, multiple surface defects – approaching functional service life – rehabilitate/reconstruct.

6. Scheduling and Cost of Project/Study in 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$0	\$1,072,862	\$0	\$0	\$0	\$1,072,862
Net	\$0	\$897,862	\$0	\$0	\$0	\$897,862

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
2017	\$0	\$0
2018	\$700,000	\$406,915
2019	\$0	\$0
2020	\$0	\$0
2021	\$0	\$0
Total	\$700,000	\$406,915

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

Investing in County assets.

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



**CORPORATION OF THE COUNTY OF GREY
2017-2021 CAPITAL PROJECT FORM**

1. Department / Function: Construction, Resurfacing and Minor Capital - 2018

Details of Project/Study: Grey Road 17 Pulverize & Pave Rehabilitation: 0.9 km South of Mountain Lake Drive - 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 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$0	\$2,654,058	\$0	\$0	\$0	\$2,654,058
Net	\$0	\$854,058	\$0	\$0	\$0	\$854,058

3. Estimated Useful Life: 15 Years

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

Facility Name / Address	Municipality
N/A	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 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$0	\$2,441,987	\$0	\$0	\$0	\$2,441,987
Net	\$0	\$937,472	\$0	\$0	\$0	\$937,472

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

	From Reserve - Federal Gas Tax	Taxation	Fed/Prov Grants - OCIF Grant	From Reserve - Construction Reserve re GR 4
2017	\$0	\$0	\$0	\$0
2018	\$1,800,000	\$854,058	\$0	\$0
2019	\$0	\$0	\$0	\$0
2020	\$0	\$0	\$0	\$0
2021	\$0	\$0	\$0	\$0
Total	\$1,800,000	\$854,058	\$0	\$0

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):



**CORPORATION OF THE COUNTY OF GREY
2017-2021 CAPITAL PROJECT FORM**

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: \$1,382,925

Construction	Consultant/Contractor	Equipment	Other (Specify)
	\$1,382,925		

Cost of Proposed Capital Project/Study in 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$0	\$1,382,925	\$0	\$0	\$0	\$1,382,925
Net	\$0	\$966,737	\$0	\$0	\$0	\$966,737

3. Estimated Useful Life: 15 Years

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

Facility Name / Address	Municipality
N/A	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 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$0	\$0	\$1,272,423	\$0	\$0	\$1,272,423
Net	\$0	\$0	\$1,272,423	\$0	\$0	\$1,272,423

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 - DC Category 3	Fed/Prov Grants - OCIF Grant
2017	\$0	\$0	\$0
2018	\$966,737	\$91,673	\$324,515
2019	\$0	\$0	\$0
2020	\$0	\$0	\$0
2021	\$0	\$0	\$0
Total	\$966,737	\$91,673	\$324,515

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

Maintaining Grey County's assets.

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



**CORPORATION OF THE COUNTY OF GREY
2017-2021 CAPITAL PROJECT FORM**

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: \$2,868,805

Construction	Consultant/Contractor	Equipment	Other (Specify)
	\$2,868,805		

Cost of Proposed Capital Project/Study in 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$0	\$2,868,805	\$0	\$0	\$0	\$2,868,805
Net	\$0	\$1,889,063	\$0	\$0	\$0	\$1,889,063

3. Estimated Useful Life: 15 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):

.Surface Treatment is deteriorating and the treatments are inconsistent. Maintenance costs will be reduced.

6. Scheduling and Cost of Project/Study in 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$0	\$0	\$0	\$1,677,018	\$0	\$1,677,018
Net	\$0	\$0	\$0	\$1,677,018	\$0	\$1,677,018

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

Edge loss will create safety issues.

8. Identify Sources and Amounts of Funding

	Taxation	From Reserve - DC Category 4
2017	\$0	\$0
2018	\$1,889,063	\$979,742
2019	\$0	\$0
2020	\$0	\$0
2021	\$0	\$0
Total	\$1,889,063	\$979,742

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

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



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

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: \$927,059

Construction	Consultant/Contractor	Equipment	Other (Specify)
	\$927,059		

Cost of Proposed Capital Project/Study in 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$0	\$927,059	\$0	\$0	\$0	\$927,059
Net	\$0	\$927,059	\$0	\$0	\$0	\$927,059

3. Estimated Useful Life: 15 Years

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

Facility Name / Address	Municipality
N/A	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 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$0	\$852,983	\$0	\$0	\$0	\$852,983
Net	\$0	\$852,983	\$0	\$0	\$0	\$852,983

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
2017	\$0
2018	\$927,059
2019	\$0
2020	\$0
2021	\$0
Total	\$927,059

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

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



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

1. Department / Function: **Construction, Resurfacing and Minor Capital -**
Details of Project/Study: **Transfer to Transportation General Reserve for Future Infrastructure Needs**

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 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$0	\$0	\$325,000	\$0	\$250,000	\$575,000
Net	\$0	\$0	\$325,000	\$0	\$250,000	\$575,000

3. Estimated Useful Life:

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

Facility Name / Address	Municipality
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5. Need or Benefit(s) of Project (including safety issues):

To set aside money for future infrastructure needs.

6. Scheduling and Cost of Project/Study in 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$0	\$0	\$767,000	\$1,480,000	\$1,918,000	\$4,165,000
Net	\$0	\$0	\$767,000	\$1,480,000	\$1,918,000	\$4,165,000

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

If funds are not available for future infrastructure needs, the County's infrastructure will deteriorate.

8. Identify Sources and Amounts of Funding

	Taxation
2017	\$0
2018	\$0
2019	\$325,000
2020	\$0
2021	\$250,000
Total	\$575,000

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

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

Construction, Resurfacing and Minor Capital: 2019



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

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 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$600,000	\$600,000	\$600,000	\$600,000	\$600,000	\$3,000,000
Net	\$600,000	\$600,000	\$600,000	\$600,000	\$600,000	\$3,000,000

3. Estimated Useful Life: 15-20 years

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

Facility Name / Address	Municipality
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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) and unforeseen projects where deterioration is more severe than anticipated.

6. Scheduling and Cost of Project/Study in 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$600,000	\$600,000	\$600,000	\$600,000	\$600,000	\$3,000,000
Net	\$600,000	\$600,000	\$600,000	\$600,000	\$600,000	\$3,000,000

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
2017	\$600,000
2018	\$600,000
2019	\$600,000
2020	\$600,000
2021	\$600,000
Total	\$3,000,000

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):



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

1. **Department / Function:** **Construction, Resurfacing and Minor Capital -**
Details of Project/Study: **Culverts under 3 m**

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

Construction	Consultant/Contractor	Equipment	Other (Specify)
\$2,000,000			

The County is responsible for maintaining more than 1,300 culverts with diameter less than 3 metres. The cost of lining a culvert is \$7,000 to \$9,000. The cost to excavate and replace a culvert is \$25,000 to \$30,000. The work plan for 2016 will see 27 culverts replaced or lined. The new culverts and liners are made of high-density polyethylene (HDPE).

Cost of Proposed Capital Project/Study in 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$400,000	\$400,000	\$400,000	\$400,000	\$400,000	\$2,000,000
Net	\$400,000	\$400,000	\$400,000	\$400,000	\$400,000	\$2,000,000

3. **Estimated Useful Life:** 50-100 years

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

Facility Name / Address	Municipality
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5. **Need or Benefit(s) of Project (including safety issues):**

The existing culverts have been in place for a number of years and warrant replacement. If they are not replaced culvert failure could occur. Grey County frequently lines existing culverts reducing replacement costs and impact on the environment and impact on the existing road surface.

6. **Scheduling and Cost of Project/Study in 2016-2020 Capital Plan:**

	2016	2017	2018	2019	2020	Total
Gross	\$200,000	\$200,000	\$200,000	\$200,000	\$200,000	\$1,000,000
Net	\$200,000	\$200,000	\$200,000	\$200,000	\$200,000	\$1,000,000

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

Not replacing culverts could result in failure.

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

	Taxation
2017	\$400,000
2018	\$400,000
2019	\$400,000
2020	\$400,000
2021	\$400,000
Total	\$2,000,000

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

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



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

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 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$2,500,000
Net	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$2,500,000

3. **Estimated Useful Life:** 80 years

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

Facility Name / Address	Municipality
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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. The attached document shows the planned 2016 projects to be undertaken by the County's bridge crew.

6. **Scheduling and Cost of Project/Study in 2016-2020 Capital Plan:**

	2016	2017	2018	2019	2020	Total
Gross	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$2,500,000
Net	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$2,500,000

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
2017	\$500,000
2018	\$500,000
2019	\$500,000
2020	\$500,000
2021	\$500,000
Total	\$2,500,000

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.

Bridge Crew Projects 2016

Bridge/Culvert Number	Description of Work
Br.900-003	Remove Concrete rails from Bridge for Georgian Bluffs as per TR-TAPS-08-06 agreement
Br.40-079	Remove asphalt and existing waterproofing. Repair deck and prepare for waterproofing. Mark the edge of the deck on the curbs for future asphalt cut. Install new posts and thrie -beam on existing curbs, repair curbs if nesasary.
Br. 031-139	Remove asphalt and fill. Repair deck and drains as needed - waterproof and replace fill.
Br. 900-363	Reinforce north and south/east wing walls. Repair southwest wing wall.
Br. 900-188	Replace outside steel beams and bracing north and south west quardrant
Br.004-209	North sidewalk resurface. Resurface curb facia, soffit and deck soffit. Paint steel hand rails.
Br. 013-068	Deck soffit repairs including drip edge
Br.015-023	Deck soffit repairs outside curb replace, repair
Br.007-136	Considering route and seal until Road section is redone...
Br.900-213	Pressure wash and seal, patch if needed
Br.18-038	Pressure wash and seal, patch if needed. Prepare and paint steel hand rails
Br.030-127	Chip patch and seal concrete.
Br.030-126	Seal concrete curb. Berm clean up.
Br.18-415	Paint steel hand rails, Chip patch and seal concrete.
Br.12-588	Paint steel hand rails, Chip patch and seal concrete.
Cu. 029-903	Wide crack to be filled - possibly grout pumped
Br.900-271	Detailed inspection, and consider replacing deck. 10 yrs old and had a expected life of 5 yrs.
Br. 10-185	Remove and replace backside of curb
Cu. 15-901	Continue to monitor and patch
Cu. 900-907	Remove surface treatment and fill to expose concrete deck, patch and waterproof. Remove pressure treated 8x8s and replace with a cast-in-place concrete retaining curb
all bridges	New Bridge washing program
Various	Collision damage, routine maintenance as reported and observed. Painting, vegetation trimming and berm cleanup as needed. Replace signage.
Projects are subject to change. Dates to be determined.	



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

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: \$250,000

Construction	Consultant/Contractor	Equipment	Other (Specify)
	\$250,000		

Cost of Proposed Capital Project/Study in 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$250,000
Net	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$250,000

3. **Estimated Useful Life:** Typically new structures would have a service life of 100 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 2016-2020 Capital Plan:**

	2016	2017	2018	2019	2020	Total
Gross	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$250,000
Net	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$250,000

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
2017	\$50,000
2018	\$50,000
2019	\$50,000
2020	\$50,000
2021	\$50,000
Total	\$250,000

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

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



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

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 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$250,000
Net	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$250,000

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 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$250,000
Net	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$250,000

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

8. Identify Sources and Amounts of Funding

	Taxation	From Reserve - Transportation General
2017	\$50,000	\$0
2018	\$50,000	\$0
2019	\$50,000	\$0
2020	\$50,000	\$0
2021	\$50,000	\$0
Total	\$250,000	\$0

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

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



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

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: \$1,500,000

Construction	Consultant/Contractor	Equipment	Other (Specify)
			\$1,500,000

Pre-Engineering

Cost of Proposed Capital Project/Study in 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$310,000	\$320,000	\$330,000	\$330,000	\$330,000	\$1,620,000
Net	\$310,000	\$320,000	\$330,000	\$330,000	\$330,000	\$1,620,000

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 items such as minor property purchases, field investigations for permits, drainage investigations, preliminary surveys, encroachment permit reviews, planning reviews, geotechnical investigations, meetings, investigating issues forwarded by residents.

6. Scheduling and Cost of Project/Study in 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$300,000	\$300,000	\$300,000	\$300,000	\$300,000	\$1,500,000
Net	\$300,000	\$300,000	\$300,000	\$300,000	\$300,000	\$1,500,000

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

Typically the ongoing activities of the Engineering Department to carry on the daily business of the Transportation Services Department. Frequently this item relates directly to the level of customer service provided by Engineering staff.

8. Identify Sources and Amounts of Funding

	Taxation
2017	\$310,000
2018	\$320,000
2019	\$330,000
2020	\$330,000
2021	\$330,000
Total	\$1,620,000

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):



**CORPORATION OF THE COUNTY OF GREY
2017-2021 CAPITAL PROJECT FORM**

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: \$794,672

Construction	Consultant/Contractor	Equipment	Other (Specify)
	\$794,672		

Cost of Proposed Capital Project/Study in 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$0	\$0	\$731,174	\$0	\$0	\$731,174
Net	\$0	\$0	\$131,174	\$0	\$0	\$131,174

3. Estimated Useful Life: 15 Years

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

Facility Name / Address	Municipality
N/A	The Blue Mountains

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

PCI 52,60,80; Rough ride, multiple surface defects – approaching functional service life – rehabilitate/reconstruct.

6. Scheduling and Cost of Project/Study in 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$0	\$0	\$731,174	\$0	\$0	\$731,174
Net	\$0	\$0	\$731,174	\$0	\$0	\$731,174

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
2017	\$0	\$0
2018	\$0	\$0
2019	\$131,174	\$600,000
2020	\$0	\$0
2021	\$0	\$0
Total	\$131,174	\$600,000

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):



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

1. Department / Function: Construction, Resurfacing and Minor Capital - 2019

Details of Project/Study: **Grey Road 3 Pulverize & Pave Rehabilitation: Grey Road 5 - Grey Road 5 (3063)**

2. Total Gross Cost of Proposed Capital Project/Study: \$218,447

Construction	Consultant/Contractor	Equipment	Other (Specify)
	\$218,447		

Cost of Proposed Capital Project/Study in 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$0	\$0	\$282,598	\$0	\$0	\$282,598
Net	\$0	\$0	\$282,598	\$0	\$0	\$282,598

3. Estimated Useful Life: 15 Years

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

Facility Name / Address	Municipality
N/A	Township of Georgian Bluffs

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

PCI 44; Rough ride, multiple surface defects – exceeded functional service life – rehabilitate/reconstruct.

6. Scheduling and Cost of Project/Study in 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$0	\$0	\$0	\$282,598	\$0	\$282,598
Net	\$0	\$0	\$0	\$282,598	\$0	\$282,598

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
2017	\$0
2018	\$0
2019	\$282,598
2020	\$0
2021	\$0
Total	\$282,598

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

Investment in Grey County assets.

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



**CORPORATION OF THE COUNTY OF GREY
2017-2021 CAPITAL PROJECT FORM**

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: \$572,189

Construction	Consultant/Contractor	Equipment	Other (Specify)
\$572,189			

Cost of Proposed Capital Project/Study in 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$0	\$0	\$572,189	\$0	\$0	\$572,189
Net	\$0	\$0	\$572,189	\$0	\$0	\$572,189

3. Estimated Useful Life: 15 Years

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

Facility Name / Address	Municipality
N/A	Township of Georgian Bluffs

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

2015 PCI - 49; Rough ride, multiple surface defects - requires rehabilitation

6. Scheduling and Cost of Project/Study in 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$0	\$0	\$0	\$0	\$0	\$0
Net	\$0	\$0	\$0	\$0	\$0	\$0

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

Continued deterioration, increased maintenance costs.

8. Identify Sources and Amounts of Funding

	Taxation
2017	\$0
2018	\$0
2019	\$572,189
2020	\$0
2021	\$0
Total	\$572,189

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

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



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

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: \$100,121

Construction	Consultant/Contractor	Equipment	Other (Specify)
	\$100,121		

Cost of Proposed Capital Project/Study in 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$0	\$0	\$100,121	\$0	\$0	\$100,121
Net	\$0	\$0	\$100,121	\$0	\$0	\$100,121

3. Estimated Useful Life: 15 Years

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

Facility Name / Address	Municipality
N/A	Township of Georgian Bluffs

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

Rehabilitate deteriorated road to a County standard.

6. Scheduling and Cost of Project/Study in 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$0	\$0	\$0	\$75,342	\$0	\$75,342
Net	\$0	\$0	\$0	\$75,342	\$0	\$75,342

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
2017	\$0
2018	\$0
2019	\$100,121
2020	\$0
2021	\$0
Total	\$100,121

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

Investing in Grey County assets.

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



**CORPORATION OF THE COUNTY OF GREY
2017-2021 CAPITAL PROJECT FORM**

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: \$793,813

Construction	Consultant/Contractor	Equipment	Other (Specify)
	\$793,813		

Cost of Proposed Capital Project/Study in 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$0	\$0	\$793,813	\$0	\$0	\$793,813
Net	\$0	\$0	\$793,813	\$0	\$0	\$793,813

3. Estimated Useful Life: 15 Years

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

Facility Name / Address	Municipality
N/A	Municipality of Grey Highlands

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

PCI 49-59; Rough ride, multiple surface defects – exceeded functional service life – rehabilitate/reconstruct.

6. Scheduling and Cost of Project/Study in 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$0	\$0	\$367,447	\$0	\$0	\$367,447
Net	\$0	\$0	\$367,447	\$0	\$0	\$367,447

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
2017	\$0
2018	\$0
2019	\$793,813
2020	\$0
2021	\$0
Total	\$793,813

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

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



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

1. Department / Function: Construction, Resurfacing and Minor Capital - 2019

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 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$0	\$0	\$533,643	\$0	\$0	\$533,643
Net	\$0	\$0	\$226,090	\$0	\$0	\$226,090

3. Estimated Useful Life: 15 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):

PCI 51,64; Rough ride, multiple surface defects – approaching functional service life – rehabilitate/reconstruct.

6. Scheduling and Cost of Project/Study in 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$0	\$0	\$0	\$831,992	\$0	\$831,992
Net	\$0	\$0	\$0	\$352,914	\$0	\$352,914

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 - Bruce County Share	From Reserve - DC Category 2	Taxation
2017	\$0	\$0	\$0
2018	\$0	\$0	\$0
2019	\$266,822	\$40,731	\$226,090
2020	\$0	\$0	\$0
2021	\$0	\$0	\$0
Total	\$266,822	\$40,731	\$226,090

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

Investing in Grey County Assets.

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



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

1. Department / Function: Construction, Resurfacing and Minor Capital - 2019

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: \$107,462

Construction	Consultant/Contractor	Equipment	Other (Specify)
	\$107,462		

Cost of Proposed Capital Project/Study in 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$0	\$0	\$107,462	\$0	\$0	\$107,462
Net	\$0	\$0	\$107,462	\$0	\$0	\$107,462

3. Estimated Useful Life: 15 Years

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

Facility Name / Address	Municipality
N/A	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 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$0	\$0	\$0	\$98,875	\$0	\$98,875
Net	\$0	\$0	\$0	\$98,875	\$0	\$98,875

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
2017	\$0
2018	\$0
2019	\$107,462
2020	\$0
2021	\$0
Total	\$107,462

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):



**CORPORATION OF THE COUNTY OF GREY
2017-2021 CAPITAL PROJECT FORM**

1. Department / Function: Construction, Resurfacing and Minor Capital - 2019

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: \$438,772

Construction	Consultant/Contractor	Equipment	Other (Specify)
	\$438,772		

Cost of Proposed Capital Project/Study in 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$0	\$0	\$438,772	\$0	\$0	\$438,772
Net	\$0	\$0	\$438,772	\$0	\$0	\$438,772

3. Estimated Useful Life: 18 Years

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

Facility Name / Address	Municipality
N/A	The Blue Mountains

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

PCI 49 (69 in 2014); Rough ride, multiple surface defects – approaching functional service life – rehabilitate/reconstruct.

6. Scheduling and Cost of Project/Study in 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$0	\$0	\$0	\$313,998	\$0	\$313,998
Net	\$0	\$0	\$0	\$313,998	\$0	\$313,998

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
2017	\$0
2018	\$0
2019	\$438,772
2020	\$0
2021	\$0
Total	\$438,772

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

Investing in Grey County assets.

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



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

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: \$1,163,935

Construction	Consultant/Contractor	Equipment	Other (Specify)
	\$1,163,935		

Cost of Proposed Capital Project/Study in 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$0	\$0	\$1,163,935	\$0	\$0	\$1,163,935
Net	\$0	\$0	\$313,833	\$0	\$0	\$313,833

3. Estimated Useful Life: 15 Years

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

Facility Name / Address	Municipality
N/A	City of Owen Sound

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

Surface treated – exhibiting multiple surface failures – rehab/reconstruct.

6. Scheduling and Cost of Project/Study in 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$0	\$0	\$0	\$1,070,563	\$0	\$1,070,563
Net	\$0	\$0	\$0	\$470,563	\$0	\$470,563

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
2017	\$0	\$0	\$0
2018	\$0	\$0	\$0
2019	\$750,000	\$313,833	\$100,102
2020	\$0	\$0	\$0
2021	\$0	\$0	\$0
Total	\$750,000	\$313,833	\$100,102

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):



**CORPORATION OF THE COUNTY OF GREY
2017-2021 CAPITAL PROJECT FORM**

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: \$1,208,166

Construction	Consultant/Contractor	Equipment	Other (Specify)
	\$1,208,166		

Cost of Proposed Capital Project/Study in 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$0	\$0	\$1,208,166	\$0	\$0	\$1,208,166
Net	\$0	\$0	\$208,166	\$0	\$0	\$208,166

3. Estimated Useful Life: 15 Years

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

Facility Name / Address	Municipality
N/A	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 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$0	\$0	\$1,075,143	\$0	\$0	\$1,075,143
Net	\$0	\$0	\$1,050,229	\$0	\$0	\$1,050,229

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
2017	\$0	\$0
2018	\$0	\$0
2019	\$1,000,000	\$208,166
2020	\$0	\$0
2021	\$0	\$0
Total	\$1,000,000	\$208,166

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

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



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

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: \$1,402,366

Construction	Consultant/Contractor	Equipment	Other (Specify)
	\$1,402,366		

Cost of Proposed Capital Project/Study in 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$0	\$0	\$1,402,366	\$0	\$0	\$1,402,366
Net	\$0	\$0	\$231,623	\$0	\$0	\$231,623

3. Estimated Useful Life: 15 Years

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

Facility Name / Address	Municipality
N/A	Township of Georgian Bluffs

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

2015 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 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$0	\$0	\$0	\$0	\$0	\$0
Net	\$0	\$0	\$0	\$0	\$0	\$0

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
2017	\$0	\$0	\$0
2018	\$0	\$0	\$0
2019	\$231,623	\$670,743	\$500,000
2020	\$0	\$0	\$0
2021	\$0	\$0	\$0
Total	\$231,623	\$670,743	\$500,000

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

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



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

1. Department / Function: Construction, Resurfacing and Minor Capital - 2019

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: \$2,500,000

Construction	Consultant/Contractor	Equipment	Other (Specify)
	\$2,500,000		

Cost of Proposed Capital Project/Study in 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$0	\$0	\$2,500,000	\$0	\$0	\$2,500,000
Net	\$0	\$0	\$620,871	\$0	\$0	\$620,871

3. Estimated Useful Life: 20 Years

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

Facility Name / Address	Municipality
N/A	The Blue Mountains

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

PCI 48-58; Rough ride, multiple surface defects – exceeded functional service life – rehabilitate/reconstruct. Intersection level of service needs to be addressed.

6. Scheduling and Cost of Project/Study in 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$0	\$0	\$1,387,981	\$0	\$0	\$1,387,981
Net	\$0	\$0	\$30,999	\$0	\$0	\$30,999

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 - Simcoe and Collingwood	From Reserve - Construction Reserve	From Reserve - DC Category 4	Taxation
2017	\$0	\$0	\$0	\$0
2018	\$0	\$0	\$0	\$0
2019	\$1,250,000	\$287,991	\$341,138	\$620,871
2020	\$0	\$0	\$0	\$0
2021	\$0	\$0	\$0	\$0
Total	\$1,250,000	\$287,991	\$341,138	\$620,871

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

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



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

1. Department / Function: **Construction, Resurfacing and Minor Capital - 2019**

Details of Project/Study: **Grey Road 23 Structure 023-350: South Structure**

2. Total Gross Cost of Proposed Capital Project/Study: \$625,000

Construction	Consultant/Contractor	Equipment	Other (Specify)
	\$625,000		

Cost of Proposed Capital Project/Study in 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$0	\$0	\$625,000	\$0	\$0	\$625,000
Net	\$0	\$0	\$625,000	\$0	\$0	\$625,000

3. Estimated Useful Life: 100 years

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

Facility Name / Address	Municipality
N/A	Township of Southgate

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

This structure has exceeded its expected useful life. There is a load limit on this bridge.

6. Scheduling and Cost of Project/Study in 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$0	\$0	\$625,000	\$0	\$0	\$625,000
Net	\$0	\$0	\$625,000	\$0	\$0	\$625,000

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

If the project is not undertaken, the bridge will continue to deteriorate, and there will continue to be a load limit.

8. Identify Sources and Amounts of Funding

	Taxation
2017	\$0
2018	\$0
2019	\$625,000
2020	\$0
2021	\$0
Total	\$625,000

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

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



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

1. Department / Function: Construction, Resurfacing and Minor Capital - 2019

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: \$600,000

Construction	Consultant/Contractor	Equipment	Other (Specify)
	\$600,000		

Cost of Proposed Capital Project/Study in 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$0	\$0	\$600,000	\$0	\$0	\$600,000
Net	\$0	\$0	\$600,000	\$0	\$0	\$600,000

3. Estimated Useful Life: 15 Years

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

Facility Name / Address	Municipality
N/A	Municipality of Grey Highlands

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

Surface Treated over asphalt starting to fail, anticipate will need rehab in 5 year window

6. Scheduling and Cost of Project/Study in 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$0	\$0	\$0	\$0	\$0	\$0
Net	\$0	\$0	\$0	\$0	\$0	\$0

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

Failing surface will initiate safety concerns and require additional maintenance resources.

8. Identify Sources and Amounts of Funding

	Taxation
2017	\$0
2018	\$0
2019	\$600,000
2020	\$0
2021	\$0
Total	\$600,000

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

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



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

1. Department / Function: Construction, Resurfacing and Minor Capital - 2019

Details of Project/Study: **Normanby-Bentinck Townline Structure 900-188**

2. Total Gross Cost of Proposed Capital Project/Study: \$1,156,626

Construction	Consultant/Contractor	Equipment	Other (Specify)
\$1,156,626			

Cost of Proposed Capital Project/Study in 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$0	\$0	\$1,156,626	\$0	\$0	\$1,156,626
Net	\$0	\$0	\$1,156,626	\$0	\$0	\$1,156,626

3. Estimated Useful Life: 100 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):

Bridge has surpassed it's longevity and is in need of replacement.

6. Scheduling and Cost of Project/Study in 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$0	\$0	\$0	\$0	\$0	\$0
Net	\$0	\$0	\$0	\$0	\$0	\$0

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

Bridge will continue to deteriorate and result in increased maintenance costs.

8. Identify Sources and Amounts of Funding

	Taxation
2017	\$0
2018	\$0
2019	\$1,156,626
2020	\$0
2021	\$0
Total	\$1,156,626

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

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



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

1. Department / Function: **Construction, Resurfacing and Minor Capital -**
Details of Project/Study: **Transfer to Transportation General Reserve for Future Infrastructure Needs**

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 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$0	\$0	\$325,000	\$0	\$250,000	\$575,000
Net	\$0	\$0	\$325,000	\$0	\$250,000	\$575,000

3. Estimated Useful Life:

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

Facility Name / Address	Municipality
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5. Need or Benefit(s) of Project (including safety issues):

To set aside money for future infrastructure needs.

6. Scheduling and Cost of Project/Study in 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$0	\$0	\$767,000	\$1,480,000	\$1,918,000	\$4,165,000
Net	\$0	\$0	\$767,000	\$1,480,000	\$1,918,000	\$4,165,000

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

If funds are not available for future infrastructure needs, the County's infrastructure will deteriorate.

8. Identify Sources and Amounts of Funding

	Taxation
2017	\$0
2018	\$0
2019	\$325,000
2020	\$0
2021	\$250,000
Total	\$575,000

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

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



Construction, Resurfacing and Minor Capital: 2020



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

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 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$600,000	\$600,000	\$600,000	\$600,000	\$600,000	\$3,000,000
Net	\$600,000	\$600,000	\$600,000	\$600,000	\$600,000	\$3,000,000

3. Estimated Useful Life: 15-20 years

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

Facility Name / Address	Municipality
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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) and unforeseen projects where deterioration is more severe than anticipated.

6. Scheduling and Cost of Project/Study in 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$600,000	\$600,000	\$600,000	\$600,000	\$600,000	\$3,000,000
Net	\$600,000	\$600,000	\$600,000	\$600,000	\$600,000	\$3,000,000

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
2017	\$600,000
2018	\$600,000
2019	\$600,000
2020	\$600,000
2021	\$600,000
Total	\$3,000,000

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):



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

1. **Department / Function:** **Construction, Resurfacing and Minor Capital -**
Details of Project/Study: **Culverts under 3 m**

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

Construction	Consultant/Contractor	Equipment	Other (Specify)
\$2,000,000			

The County is responsible for maintaining more than 1,300 culverts with diameter less than 3 metres. The cost of lining a culvert is \$7,000 to \$9,000. The cost to excavate and replace a culvert is \$25,000 to \$30,000. The work plan for 2016 will see 27 culverts replaced or lined. The new culverts and liners are made of high-density polyethylene (HDPE).

Cost of Proposed Capital Project/Study in 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$400,000	\$400,000	\$400,000	\$400,000	\$400,000	\$2,000,000
Net	\$400,000	\$400,000	\$400,000	\$400,000	\$400,000	\$2,000,000

3. **Estimated Useful Life:** 50-100 years

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

Facility Name / Address	Municipality
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5. **Need or Benefit(s) of Project (including safety issues):**

The existing culverts have been in place for a number of years and warrant replacement. If they are not replaced culvert failure could occur. Grey County frequently lines existing culverts reducing replacement costs and impact on the environment and impact on the existing road surface.

6. **Scheduling and Cost of Project/Study in 2016-2020 Capital Plan:**

	2016	2017	2018	2019	2020	Total
Gross	\$200,000	\$200,000	\$200,000	\$200,000	\$200,000	\$1,000,000
Net	\$200,000	\$200,000	\$200,000	\$200,000	\$200,000	\$1,000,000

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

Not replacing culverts could result in failure.

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

	Taxation
2017	\$400,000
2018	\$400,000
2019	\$400,000
2020	\$400,000
2021	\$400,000
Total	\$2,000,000

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

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



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

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 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$2,500,000
Net	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$2,500,000

3. **Estimated Useful Life:** 80 years

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

Facility Name / Address	Municipality
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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. The attached document shows the planned 2016 projects to be undertaken by the County's bridge crew.

6. **Scheduling and Cost of Project/Study in 2016-2020 Capital Plan:**

	2016	2017	2018	2019	2020	Total
Gross	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$2,500,000
Net	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$2,500,000

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
2017	\$500,000
2018	\$500,000
2019	\$500,000
2020	\$500,000
2021	\$500,000
Total	\$2,500,000

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.

Bridge Crew Projects 2016

Bridge/Culvert Number	Description of Work
Br.900-003	Remove Concrete rails from Bridge for Georgian Bluffs as per TR-TAPS-08-06 agreement
Br.40-079	Remove asphalt and existing waterproofing. Repair deck and prepare for waterproofing. Mark the edge of the deck on the curbs for future asphalt cut. Install new posts and thrie -beam on existing curbs, repair curbs if nesasary.
Br. 031-139	Remove asphalt and fill. Repair deck and drains as needed - waterproof and replace fill.
Br. 900-363	Reinforce north and south/east wing walls. Repair southwest wing wall.
Br. 900-188	Replace outside steel beams and bracing north and south west quardrant
Br.004-209	North sidewalk resurface. Resurface curb facia, soffit and deck soffit. Paint steel hand rails.
Br. 013-068	Deck soffit repairs including drip edge
Br.015-023	Deck soffit repairs outside curb replace, repair
Br.007-136	Considering route and seal until Road section is redone...
Br.900-213	Pressure wash and seal, patch if needed
Br.18-038	Pressure wash and seal, patch if needed. Prepare and paint steel hand rails
Br.030-127	Chip patch and seal concrete.
Br.030-126	Seal concrete curb. Berm clean up.
Br.18-415	Paint steel hand rails, Chip patch and seal concrete.
Br.12-588	Paint steel hand rails, Chip patch and seal concrete.
Cu. 029-903	Wide crack to be filled - possibly grout pumped
Br.900-271	Detailed inspection, and consider replacing deck. 10 yrs old and had a expected life of 5 yrs.
Br. 10-185	Remove and replace backside of curb
Cu. 15-901	Continue to monitor and patch
Cu. 900-907	Remove surface treatment and fill to expose concrete deck, patch and waterproof. Remove pressure treated 8x8s and replace with a cast-in-place concrete retaining curb
all bridges	New Bridge washing program
Various	Collision damage, routine maintenance as reported and observed. Painting, vegetation trimming and berm cleanup as needed. Replace signage.
Projects are subject to change. Dates to be determined.	



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

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: \$250,000

Construction	Consultant/Contractor	Equipment	Other (Specify)
	\$250,000		

Cost of Proposed Capital Project/Study in 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$250,000
Net	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$250,000

3. **Estimated Useful Life:** Typically new structures would have a service life of 100 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 2016-2020 Capital Plan:**

	2016	2017	2018	2019	2020	Total
Gross	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$250,000
Net	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$250,000

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
2017	\$50,000
2018	\$50,000
2019	\$50,000
2020	\$50,000
2021	\$50,000
Total	\$250,000

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

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



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

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 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$250,000
Net	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$250,000

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 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$250,000
Net	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$250,000

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

8. Identify Sources and Amounts of Funding

	Taxation	From Reserve - Transportation General
2017	\$50,000	\$0
2018	\$50,000	\$0
2019	\$50,000	\$0
2020	\$50,000	\$0
2021	\$50,000	\$0
Total	\$250,000	\$0

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

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



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

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: \$1,500,000

Construction	Consultant/Contractor	Equipment	Other (Specify)
			\$1,500,000

Pre-Engineering

Cost of Proposed Capital Project/Study in 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$310,000	\$320,000	\$330,000	\$330,000	\$330,000	\$1,620,000
Net	\$310,000	\$320,000	\$330,000	\$330,000	\$330,000	\$1,620,000

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 items such as minor property purchases, field investigations for permits, drainage investigations, preliminary surveys, encroachment permit reviews, planning reviews, geotechnical investigations, meetings, investigating issues forwarded by residents.

6. Scheduling and Cost of Project/Study in 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$300,000	\$300,000	\$300,000	\$300,000	\$300,000	\$1,500,000
Net	\$300,000	\$300,000	\$300,000	\$300,000	\$300,000	\$1,500,000

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

Typically the ongoing activities of the Engineering Department to carry on the daily business of the Transportation Services Department. Frequently this item relates directly to the level of customer service provided by Engineering staff.

8. Identify Sources and Amounts of Funding

	Taxation
2017	\$310,000
2018	\$320,000
2019	\$330,000
2020	\$330,000
2021	\$330,000
Total	\$1,620,000

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):



**CORPORATION OF THE COUNTY OF GREY
2017-2021 CAPITAL PROJECT FORM**

1. Department / Function: Construction, Resurfacing and Minor Capital - 2020

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: \$2,465,431

Construction	Consultant/Contractor	Equipment	Other (Specify)
	\$2,465,431		

Cost of Proposed Capital Project/Study in 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$0	\$0	\$0	\$2,465,431	\$0	\$2,465,431
Net	\$0	\$0	\$0	\$365,431	\$0	\$365,431

3. Estimated Useful Life: 18 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):

2015 PCI- 60; Pavement is in fair condition with deterioration projected to require rehabilitation within a 5 year window.

6. Scheduling and Cost of Project/Study in 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$0	\$0	\$0	\$0	\$2,465,431	\$2,465,431
Net	\$0	\$0	\$0	\$0	\$2,465,431	\$2,465,431

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
2017	\$0	\$0
2018	\$0	\$0
2019	\$0	\$0
2020	\$2,100,000	\$365,431
2021	\$0	\$0
Total	\$2,100,000	\$365,431

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

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



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

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: \$511,579

Construction	Consultant/Contractor	Equipment	Other (Specify)
	\$511,579		

Cost of Proposed Capital Project/Study in 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$0	\$0	\$0	\$511,579	\$0	\$511,579
Net	\$0	\$0	\$0	\$511,579	\$0	\$511,579

3. Estimated Useful Life: 18 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):

2015 PCI 62; 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 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$0	\$0	\$0	\$0	\$285,602	\$285,602
Net	\$0	\$0	\$0	\$0	\$285,602	\$285,602

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
2017	\$0
2018	\$0
2019	\$0
2020	\$511,579
2021	\$0
Total	\$511,579

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

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



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

1. Department / Function: Construction, Resurfacing and Minor Capital - 2020

Details of Project/Study: **Grey Road 5 Reconstruction: 1st Street West - 1st Street East (Harrison Park Entrance) (5024-5027)**

2. Total Gross Cost of Proposed Capital Project/Study: \$800,000

Construction	Consultant/Contractor	Equipment	Other (Specify)
	\$800,000		

Changed limits/scope of work

Cost of Proposed Capital Project/Study in 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$0	\$0	\$0	\$800,000	\$0	\$800,000
Net	\$0	\$0	\$0	\$463,557	\$0	\$463,557

3. Estimated Useful Life: 18 Years

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

Facility Name / Address	Municipality
N/A	City of Owen Sound

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

PCI 12,57; 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 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$475,000	\$0	\$0	\$0	\$0	\$475,000
Net	\$275,237	\$0	\$0	\$0	\$0	\$275,237

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
2017	\$0	\$0
2018	\$0	\$0
2019	\$0	\$0
2020	\$336,443	\$463,557
2021	\$0	\$0

Total	\$336,443	\$463,557
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9. Compliance with Council objective/strategic plan (if applicable):

Encourage active transportation.

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



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

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: \$516,715

Construction	Consultant/Contractor	Equipment	Other (Specify)
	\$516,715		

Cost of Proposed Capital Project/Study in 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$0	\$0	\$0	\$516,715	\$0	\$516,715
Net	\$0	\$0	\$0	\$299,408	\$0	\$299,408

3. Estimated Useful Life: 18 years

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

Facility Name / Address	Municipality
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5. Need or Benefit(s) of Project (including safety issues):

PCI of 46 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 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$0	\$0	\$0	\$0	\$0	\$0
Net	\$0	\$0	\$0	\$0	\$0	\$0

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
2017	\$0	\$0
2018	\$0	\$0
2019	\$0	\$0
2020	\$217,307	\$299,408
2021	\$0	\$0
Total	\$217,307	\$299,408

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):



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

1. Department / Function: **Construction, Resurfacing and Minor Capital - 2020**

Details of Project/Study: **Grey Road 9 Structure 009-900**

2. Total Gross Cost of Proposed Capital Project/Study: \$1,367,805

Construction	Consultant/Contractor	Equipment	Other (Specify)
	\$1,367,805		

Cost of Proposed Capital Project/Study in 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$0	\$0	\$0	\$1,387,805	\$0	\$1,387,805
Net	\$0	\$0	\$0	\$1,387,805	\$0	\$1,387,805

3. Estimated Useful Life: 100 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 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$0	\$0	\$0	\$0	\$0	\$0
Net	\$0	\$0	\$0	\$0	\$0	\$0

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

Safety concerns if not addressed.

8. Identify Sources and Amounts of Funding

	Taxation
2017	\$0
2018	\$0
2019	\$0
2020	\$1,387,805
2021	\$0
Total	\$1,387,805

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

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



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

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: \$1,490,627

Construction	Consultant/Contractor	Equipment	Other (Specify)
	\$1,490,627		

Cost of Proposed Capital Project/Study in 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$0	\$0	\$0	\$1,490,627	\$0	\$1,490,627
Net	\$0	\$0	\$0	\$1,490,627	\$0	\$1,490,627

3. Estimated Useful Life: 15 Years

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

Facility Name / Address	Municipality
N/A	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 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$0	\$0	\$0	\$0	\$154,033	\$154,033
Net	\$0	\$0	\$0	\$0	\$154,033	\$154,033

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

Increased deterioration at an accelerated rate.

8. Identify Sources and Amounts of Funding

	Taxation
2017	\$0
2018	\$0
2019	\$0
2020	\$1,490,627
2021	\$0
Total	\$1,490,627

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

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



**CORPORATION OF THE COUNTY OF GREY
2017-2021 CAPITAL PROJECT FORM**

1. Department / Function: Construction, Resurfacing and Minor Capital - 2020

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: \$2,864,740

Construction	Consultant/Contractor	Equipment	Other (Specify)
	\$2,864,740		

Cost of Proposed Capital Project/Study in 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$0	\$0	\$0	\$2,864,740	\$0	\$2,864,740
Net	\$0	\$0	\$0	\$1,839,740	\$0	\$1,839,740

3. Estimated Useful Life: 15 Years

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

Facility Name / Address	Municipality
N/A	Township of Southgate

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

PCI 68; Rough ride, multiple surface defects – approaching functional service life – rehabilitate/reconstruct.

6. Scheduling and Cost of Project/Study in 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$0	\$0	\$2,864,740	\$0	\$0	\$2,864,740
Net	\$0	\$0	\$494,740	\$0	\$0	\$494,740

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 - Transportation General	Taxation
2017	\$0	\$0
2018	\$0	\$0
2019	\$0	\$0
2020	\$1,025,000	\$1,839,740
2021	\$0	\$0
Total	\$1,025,000	\$1,839,740

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

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



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

1. Department / Function: Construction, Resurfacing and Minor Capital - 2020

Details of Project/Study: **Grey Road 9 Reconstruction: Artemesia Street - Highway 10 (9054-9057)**

2. Total Gross Cost of Proposed Capital Project/Study: \$420,248

Construction	Consultant/Contractor	Equipment	Other (Specify)
	\$420,248		

Cost of Proposed Capital Project/Study in 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$0	\$0	\$0	\$420,248	\$0	\$420,248
Net	\$0	\$0	\$0	\$52,020	\$0	\$52,020

3. Estimated Useful Life: 18 Years

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

Facility Name / Address	Municipality
N/A	Township of Southgate

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

2015 PCI 63-68 Rehabilitate will be required within 5 year window and have to be coordinated with Municipality.

6. Scheduling and Cost of Project/Study in 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$0	\$0	\$0	\$1,400,000	\$0	\$1,400,000
Net	\$0	\$0	\$0	\$725,000	\$0	\$725,000

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	From Reserve - Federal Gas Tax	Taxation
2017	\$0	\$0	\$0
2018	\$0	\$0	\$0
2019	\$0	\$0	\$0
2020	\$68,228	\$300,000	\$52,020
2021	\$0	\$0	\$0
Total	\$68,228	\$300,000	\$52,020

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

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



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

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 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$0	\$0	\$0	\$896,695	\$0	\$896,695
Net	\$0	\$0	\$0	\$96,695	\$0	\$96,695

3. Estimated Useful Life: 15 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):

The road has exceeded its useful life. PCIs of 32,60,66.

6. Scheduling and Cost of Project/Study in 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$0	\$0	\$0	\$0	\$896,695	\$896,695
Net	\$0	\$0	\$0	\$0	\$96,695	\$96,695

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
2017	\$0	\$0
2018	\$0	\$0
2019	\$0	\$0
2020	\$96,695	\$800,000
2021	\$0	\$0
Total	\$96,695	\$800,000

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

Investment in Grey County assets.

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



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

1. Department / Function: Construction, Resurfacing and Minor Capital - 2020

Details of Project/Study: **Grey Road 15 Reconstruction: 10th Street East - 18th Street (15015-15024)**

2. Total Gross Cost of Proposed Capital Project/Study: \$917,457

Construction	Consultant/Contractor	Equipment	Other (Specify)
	\$917,457		

Cost of Proposed Capital Project/Study in 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$0	\$0	\$0	\$917,457	\$0	\$917,457
Net	\$0	\$0	\$0	\$690,032	\$0	\$690,032

3. Estimated Useful Life: 18 Years

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

Facility Name / Address	Municipality
N/A	City of Owen Sound

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

2015 PCI 47-79; 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 2016-2020 Capital Plan: 2020

	2016	2017	2018	2019	2020	Total
Gross	\$0	\$0	\$0	\$1,277,132	\$0	\$1,277,132
Net	\$0	\$0	\$0	\$1,027,132	\$0	\$1,027,132

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	Taxation
2017	\$0	\$0
2018	\$0	\$0
2019	\$0	\$0
2020	\$227,425	\$690,032
2021	\$0	\$0
Total	\$227,425	\$690,032

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

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



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

1. Department / Function: **Construction, Resurfacing and Minor Capital -**
Details of Project/Study: **Transfer to Transportation General Reserve for Future Infrastructure Needs**

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 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$0	\$0	\$325,000	\$0	\$250,000	\$575,000
Net	\$0	\$0	\$325,000	\$0	\$250,000	\$575,000

3. Estimated Useful Life:

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

Facility Name / Address	Municipality
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5. Need or Benefit(s) of Project (including safety issues):

To set aside money for future infrastructure needs.

6. Scheduling and Cost of Project/Study in 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$0	\$0	\$767,000	\$1,480,000	\$1,918,000	\$4,165,000
Net	\$0	\$0	\$767,000	\$1,480,000	\$1,918,000	\$4,165,000

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

If funds are not available for future infrastructure needs, the County's infrastructure will deteriorate.

8. Identify Sources and Amounts of Funding

	Taxation
2017	\$0
2018	\$0
2019	\$325,000
2020	\$0
2021	\$250,000
Total	\$575,000

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

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

Construction, Resurfacing and Minor Capital: 2021



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

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 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$600,000	\$600,000	\$600,000	\$600,000	\$600,000	\$3,000,000
Net	\$600,000	\$600,000	\$600,000	\$600,000	\$600,000	\$3,000,000

3. Estimated Useful Life: 15-20 years

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

Facility Name / Address	Municipality
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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) and unforeseen projects where deterioration is more severe than anticipated.

6. Scheduling and Cost of Project/Study in 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$600,000	\$600,000	\$600,000	\$600,000	\$600,000	\$3,000,000
Net	\$600,000	\$600,000	\$600,000	\$600,000	\$600,000	\$3,000,000

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
2017	\$600,000
2018	\$600,000
2019	\$600,000
2020	\$600,000
2021	\$600,000
Total	\$3,000,000

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):



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

1. **Department / Function:** **Construction, Resurfacing and Minor Capital -**
Details of Project/Study: **Culverts under 3 m**

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

Construction	Consultant/Contractor	Equipment	Other (Specify)
\$2,000,000			

The County is responsible for maintaining more than 1,300 culverts with diameter less than 3 metres. The cost of lining a culvert is \$7,000 to \$9,000. The cost to excavate and replace a culvert is \$25,000 to \$30,000. The work plan for 2016 will see 27 culverts replaced or lined. The new culverts and liners are made of high-density polyethylene (HDPE).

Cost of Proposed Capital Project/Study in 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$400,000	\$400,000	\$400,000	\$400,000	\$400,000	\$2,000,000
Net	\$400,000	\$400,000	\$400,000	\$400,000	\$400,000	\$2,000,000

3. **Estimated Useful Life:** 50-100 years

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

Facility Name / Address	Municipality
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5. **Need or Benefit(s) of Project (including safety issues):**

The existing culverts have been in place for a number of years and warrant replacement. If they are not replaced culvert failure could occur. Grey County frequently lines existing culverts reducing replacement costs and impact on the environment and impact on the existing road surface.

6. **Scheduling and Cost of Project/Study in 2016-2020 Capital Plan:**

	2016	2017	2018	2019	2020	Total
Gross	\$200,000	\$200,000	\$200,000	\$200,000	\$200,000	\$1,000,000
Net	\$200,000	\$200,000	\$200,000	\$200,000	\$200,000	\$1,000,000

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

Not replacing culverts could result in failure.

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

	Taxation
2017	\$400,000
2018	\$400,000
2019	\$400,000
2020	\$400,000
2021	\$400,000
Total	\$2,000,000

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

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



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

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 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$2,500,000
Net	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$2,500,000

3. **Estimated Useful Life:** 80 years

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

Facility Name / Address	Municipality
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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. The attached document shows the planned 2016 projects to be undertaken by the County's bridge crew.

6. **Scheduling and Cost of Project/Study in 2016-2020 Capital Plan:**

	2016	2017	2018	2019	2020	Total
Gross	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$2,500,000
Net	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$2,500,000

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
2017	\$500,000
2018	\$500,000
2019	\$500,000
2020	\$500,000
2021	\$500,000
Total	\$2,500,000

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.

Bridge Crew Projects 2016

Bridge/Culvert Number	Description of Work
Br.900-003	Remove Concrete rails from Bridge for Georgian Bluffs as per TR-TAPS-08-06 agreement
Br.40-079	Remove asphalt and existing waterproofing. Repair deck and prepare for waterproofing. Mark the edge of the deck on the curbs for future asphalt cut. Install new posts and thrie -beam on existing curbs, repair curbs if nesasary.
Br. 031-139	Remove asphalt and fill. Repair deck and drains as needed - waterproof and replace fill.
Br. 900-363	Reinforce north and south/east wing walls. Repair southwest wing wall.
Br. 900-188	Replace outside steel beams and bracing north and south west quardrant
Br.004-209	North sidewalk resurface. Resurface curb facia, soffit and deck soffit. Paint steel hand rails.
Br. 013-068	Deck soffit repairs including drip edge
Br.015-023	Deck soffit repairs outside curb replace, repair
Br.007-136	Considering route and seal until Road section is redone...
Br.900-213	Pressure wash and seal, patch if needed
Br.18-038	Pressure wash and seal, patch if needed. Prepare and paint steel hand rails
Br.030-127	Chip patch and seal concrete.
Br.030-126	Seal concrete curb. Berm clean up.
Br.18-415	Paint steel hand rails, Chip patch and seal concrete.
Br.12-588	Paint steel hand rails, Chip patch and seal concrete.
Cu. 029-903	Wide crack to be filled - possibly grout pumped
Br.900-271	Detailed inspection, and consider replacing deck. 10 yrs old and had a expected life of 5 yrs.
Br. 10-185	Remove and replace backside of curb
Cu. 15-901	Continue to monitor and patch
Cu. 900-907	Remove surface treatment and fill to expose concrete deck, patch and waterproof. Remove pressure treated 8x8s and replace with a cast-in-place concrete retaining curb
all bridges	New Bridge washing program
Various	Collision damage, routine maintenance as reported and observed. Painting, vegetation trimming and berm cleanup as needed. Replace signage.
Projects are subject to change. Dates to be determined.	



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

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: \$250,000

Construction	Consultant/Contractor	Equipment	Other (Specify)
	\$250,000		

Cost of Proposed Capital Project/Study in 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$250,000
Net	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$250,000

3. **Estimated Useful Life:** Typically new structures would have a service life of 100 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 2016-2020 Capital Plan:**

	2016	2017	2018	2019	2020	Total
Gross	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$250,000
Net	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$250,000

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
2017	\$50,000
2018	\$50,000
2019	\$50,000
2020	\$50,000
2021	\$50,000
Total	\$250,000

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

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



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

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 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$250,000
Net	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$250,000

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 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$250,000
Net	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$250,000

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

8. Identify Sources and Amounts of Funding

	Taxation	From Reserve - Transportation General
2017	\$50,000	\$0
2018	\$50,000	\$0
2019	\$50,000	\$0
2020	\$50,000	\$0
2021	\$50,000	\$0
Total	\$250,000	\$0

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

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



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

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: \$1,500,000

Construction	Consultant/Contractor	Equipment	Other (Specify)
			\$1,500,000

Pre-Engineering

Cost of Proposed Capital Project/Study in 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$310,000	\$320,000	\$330,000	\$330,000	\$330,000	\$1,620,000
Net	\$310,000	\$320,000	\$330,000	\$330,000	\$330,000	\$1,620,000

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 items such as minor property purchases, field investigations for permits, drainage investigations, preliminary surveys, encroachment permit reviews, planning reviews, geotechnical investigations, meetings, investigating issues forwarded by residents.

6. Scheduling and Cost of Project/Study in 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$300,000	\$300,000	\$300,000	\$300,000	\$300,000	\$1,500,000
Net	\$300,000	\$300,000	\$300,000	\$300,000	\$300,000	\$1,500,000

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

Typically the ongoing activities of the Engineering Department to carry on the daily business of the Transportation Services Department. Frequently this item relates directly to the level of customer service provided by Engineering staff.

8. Identify Sources and Amounts of Funding

	Taxation
2017	\$310,000
2018	\$320,000
2019	\$330,000
2020	\$330,000
2021	\$330,000
Total	\$1,620,000

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):



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

1. Department / Function: Construction, Resurfacing and Minor Capital - 2021

Details of Project/Study: **Grey Road 1 Pulverize & Pave/Cold-In-Place: East Linton Sideroad - Kemble Rock Road (1042-1048)**

2. Total Gross Cost of Proposed Capital Project/Study: \$1,108,668

Construction	Consultant/Contractor	Equipment	Other (Specify)
	\$1,108,668		

Cost of Proposed Capital Project/Study in 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$0	\$0	\$0	\$0	\$1,108,668	\$1,108,668
Net	\$0	\$0	\$0	\$0	\$1,108,668	\$1,108,668

3. Estimated Useful Life: 15 Years

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

Facility Name / Address	Municipality
N/A	Township of Georgian Bluffs

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

2015 PCI 77-94; projected deterioration due to single lift design (trucks), possible candidate for resurfacing if surface holds up.

6. Scheduling and Cost of Project/Study in 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$0	\$0	\$0	\$0	\$660,452	\$660,452
Net	\$0	\$0	\$0	\$0	\$660,452	\$660,452

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
2017	\$0
2018	\$0
2019	\$0
2020	\$0
2021	\$1,108,668
Total	\$1,108,668

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

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



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

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: \$795,000

Construction	Consultant/Contractor	Equipment	Other (Specify)
	\$795,000		

Cost of Proposed Capital Project/Study in 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$0	\$0	\$0	\$0	\$795,000	\$795,000
Net	\$0	\$0	\$0	\$0	\$795,000	\$795,000

3. Estimated Useful Life: 15

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

Facility Name / Address	Municipality

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 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$0	\$0	\$0	\$0	\$0	\$0
Net	\$0	\$0	\$0	\$0	\$0	\$0

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
2017	\$0
2018	\$0
2019	\$0
2020	\$0
2021	\$795,000
Total	\$795,000

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):



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

1. Department / Function: Construction, Resurfacing and Minor Capital - 2021

Details of Project/Study: **Grey Road 4 Reconstruction: Highway 6 to George Street(4045-4048)**

2. Total Gross Cost of Proposed Capital Project/Study: \$213,006

Construction	Consultant/Contractor	Equipment	Other (Specify)
	\$213,006		

Cost of Proposed Capital Project/Study in 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$0	\$0	\$0	\$0	\$213,006	\$213,006
Net	\$0	\$0	\$0	\$0	\$213,006	\$213,006

3. Estimated Useful Life: 18

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):

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 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$0	\$0	\$0	\$0	\$0	\$0
Net	\$0	\$0	\$0	\$0	\$0	\$0

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

Increase maintenance costs and rough ride.

8. Identify Sources and Amounts of Funding

	Taxation
2017	\$0
2018	\$0
2019	\$0
2020	\$0
2021	\$213,006
Total	\$213,006

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

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



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

1. Department / Function: Construction, Resurfacing and Minor Capital - 2021

Details of Project/Study: **Grey Road 4 Pulverize and Pave Rehabilitation: Melancthon-West Limit of Ceylon - 0.6km East of West Limit of Flesherton(4072-4078)**

2. Total Gross Cost of Proposed Capital Project/Study: \$650,000

Construction	Consultant/Contractor	Equipment	Other (Specify)
	\$650,000		

Cost of Proposed Capital Project/Study in 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$0	\$0	\$0	\$0	\$650,000	\$650,000
Net	\$0	\$0	\$0	\$0	\$650,000	\$650,000

3. Estimated Useful Life: 18 years

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

Facility Name / Address	Municipality
N/A	Municipality of Grey Highlands

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

2015 PCI 60-75; Useful life is projected to be exhausted within 5 year window.

6. Scheduling and Cost of Project/Study in 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$0	\$0	\$0	\$0	\$0	\$0
Net	\$0	\$0	\$0	\$0	\$0	\$0

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

Continued road degradation will require additional maintenance and could lead to safety concerns

8. Identify Sources and Amounts of Funding

	Taxation
2017	\$0
2018	\$0
2019	\$0
2020	\$0
2021	\$650,000
Total	\$650,000

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

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



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

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: \$1,411,000

Construction	Consultant/Contractor	Equipment	Other (Specify)
	\$1,411,000		

Cost of Proposed Capital Project/Study in 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$0	\$0	\$0	\$0	\$1,411,000	\$1,411,000
Net	\$0	\$0	\$0	\$0	\$1,411,000	\$1,411,000

3. Estimated Useful Life: 15 Years

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

Facility Name / Address	Municipality
N/A	Municipality of Grey Highlands

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

2015 PCI 49; Pavement has reached it's 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 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$0	\$0	\$0	\$0	\$0	\$0
Net	\$0	\$0	\$0	\$0	\$0	\$0

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

Surface expected to deteriorate increasing maintenance required.

8. Identify Sources and Amounts of Funding

	Taxation
2017	\$0
2018	\$0
2019	\$0
2020	\$0
2021	\$1,411,000
Total	\$1,411,000

9. Compliance with Council objective/strategic plan (if applicable):

10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

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: \$2,337,547

Construction	Consultant/Contractor	Equipment	Other (Specify)
\$2,337,547			

Cost of Proposed Capital Project/Study in 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$0	\$0	\$0	\$0	\$2,337,548	\$2,337,548
Net	\$0	\$0	\$0	\$0	\$1,168,774	\$1,168,774

3. Estimated Useful Life: 18

4. Location of Project/Study (if applicable):

Facility Name / Address	Municipality
N/A	Township of Georgian Bluffs

5. Need or Benefit(s) of Project (including safety issues):

2015 PCI 66-70; Ride and Surface are deteriorating, projected will need rehabilitation towards end of 5 year window.

6. Scheduling and Cost of Project/Study in 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$0	\$0	\$0	\$0	\$0	\$0
Net	\$0	\$0	\$0	\$0	\$0	\$0

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 - Boundary Road with Bruce	Taxation
2017	\$0	\$0
2018	\$0	\$0
2019	\$0	\$0
2020	\$0	\$0
2021	\$1,168,774	\$1,168,774
Total	\$1,168,774	\$1,168,774

9. Compliance with Council objective/strategic plan (if applicable):

10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

1. Department / Function: Construction, Resurfacing and Minor Capital - 2021

Details of Project/Study: **Grey Road 17 Pulverize and Pave Rehabilitation: Concession 14 to 0.9 km south of Mountain Lake Dr (17011, 17012)**

2. Total Gross Cost of Proposed Capital Project/Study: \$367,268

Construction	Consultant/Contractor	Equipment	Other (Specify)
	\$367,268		

Cost of Proposed Capital Project/Study in 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$0	\$0	\$0	\$0	\$361,268	\$361,268
Net	\$0	\$0	\$0	\$0	\$361,268	\$361,268

3. Estimated Useful Life: 15 Years

4. Location of Project/Study (if applicable):

Facility Name / Address	Municipality
N/A	Township of Georgian Bluffs

5. Need or Benefit(s) of Project (including safety issues):

2015 PCI 57-71 - Single lift pavement deteriorating at accelerated rate

6. Scheduling and Cost of Project/Study in 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$0	\$0	\$0	\$0	\$0	\$0
Net	\$0	\$0	\$0	\$0	\$0	\$0

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
2017	\$0
2018	\$0
2019	\$0
2020	\$0
2021	\$361,268
Total	\$361,268

9. Compliance with Council objective/strategic plan (if applicable):

10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

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: \$859,404

Construction	Consultant/Contractor	Equipment	Other (Specify)
	\$859,404		

Cost of Proposed Capital Project/Study in 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$0	\$0	\$0	\$0	\$859,404	\$859,404
Net	\$0	\$0	\$0	\$0	\$859,404	\$859,404

3. Estimated Useful Life: 15 Years

4. Location of Project/Study (if applicable):

Facility Name / Address	Municipality
N/A	Township of Georgian Bluffs

5. Need or Benefit(s) of Project (including safety issues):

2015 PCI 81; Add lift to improve structural adequacy and help extend asset service life to expected longevity.

6. Scheduling and Cost of Project/Study in 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$0	\$0	\$0	\$0	\$741,965	\$741,965
Net	\$0	\$0	\$0	\$0	\$741,965	\$741,965

7. Consequences/Implications of Not Undertaking Project (including alternatives):

Increased deterioration at an accelerated rate (trucks).

8. Identify Sources and Amounts of Funding

	Taxation
2017	\$0
2018	\$0
2019	\$0
2020	\$0
2021	\$859,404
Total	\$859,404

9. Compliance with Council objective/strategic plan (if applicable):

10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

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 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$0	\$0	\$0	\$0	\$1,988,780	\$1,988,780
Net	\$0	\$0	\$0	\$0	\$238,780	\$238,780

3. Estimated Useful Life: 15 years

4. Location of Project/Study (if applicable):

Facility Name / Address	Municipality
	Municipality of Meaford

5. Need or Benefit(s) of Project (including safety issues):

2015 PCI 50-55 Surface is deteriorating and will require rehabilitation within 5 year window.

6. Scheduling and Cost of Project/Study in 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$0	\$0	\$0	\$0	\$1,369,482	\$1,369,482
Net	\$0	\$0	\$0	\$0	\$1,369,482	\$1,369,482

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
2017	\$0	\$0
2018	\$0	\$0
2019	\$0	\$0
2020	\$0	\$0
2021	\$238,780	\$1,750,000
Total	\$238,780	\$1,750,000

9. Compliance with Council objective/strategic plan (if applicable):

10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

1. Department / Function: **Construction, Resurfacing and Minor Capital - 2021**

Details of Project/Study: **Grey Road 25 Pulverize and Pave Rehabilitation: Grey Road 3 - Grey Road 10 (25003)**

2. Total Gross Cost of Proposed Capital Project/Study: \$718,909

Construction	Consultant/Contractor	Equipment	Other (Specify)
	\$718,909		

Cost of Proposed Capital Project/Study in 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$0	\$0	\$0	\$0	\$718,909	\$718,909
Net	\$0	\$0	\$0	\$0	\$18,909	\$18,909

3. Estimated Useful Life: 15 years

4. Location of Project/Study (if applicable):

Facility Name / Address	Municipality
N/A	Township of Chatsworth

5. Need or Benefit(s) of Project (including safety issues):

2015 PCI 53; Ride is getting rough and pavement surface is deteriorating.

6. Scheduling and Cost of Project/Study in 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$0	\$0	\$0	\$0	\$718,909	\$718,909
Net	\$0	\$0	\$0	\$0	\$18,909	\$18,909

7. Consequences/Implications of Not Undertaking Project (including alternatives):

Safety and maintenance concerns if not completed.

8. Identify Sources and Amounts of Funding

	Taxation	From Reserve - Federal Gas Tax
2017	\$0	\$0
2018	\$0	\$0
2019	\$0	\$0
2020	\$0	\$0
2021	\$18,909	\$700,000
Total	\$18,909	\$700,000

9. Compliance with Council objective/strategic plan (if applicable):

10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):



**CORPORATION OF THE COUNTY OF GREY
2017-2021 CAPITAL PROJECT FORM**

1. Department / Function: Construction, Resurfacing and Minor Capital - 2021

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: \$429,000

Construction	Consultant/Contractor	Equipment	Other (Specify)
	\$429,000		

Cost of Proposed Capital Project/Study in 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$0	\$0	\$0	\$0	\$429,000	\$429,000
Net	\$0	\$0	\$0	\$0	\$429,000	\$429,000

3. Estimated Useful Life: 15 Years

4. Location of Project/Study (if applicable):

Facility Name / Address	Municipality
N/A	Township of Chatsworth

5. Need or Benefit(s) of Project (including safety issues):

2015 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 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$0	\$0	\$0	\$0	\$0	\$0
Net	\$0	\$0	\$0	\$0	\$0	\$0

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
2017	\$0
2018	\$0
2019	\$0
2020	\$0
2021	\$429,000
Total	\$429,000

9. Compliance with Council objective/strategic plan (if applicable):

10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

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: \$455,889

Construction	Consultant/Contractor	Equipment	Other (Specify)
	\$455,889		

Cost of Proposed Capital Project/Study in 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$0	\$0	\$0	\$0	\$455,889	\$455,889
Net	\$0	\$0	\$0	\$0	\$155,889	\$155,889

3. Estimated Useful Life: 15 Years

4. Location of Project/Study (if applicable):

Facility Name / Address	Municipality
N/A	Township of Chatsworth

5. Need or Benefit(s) of Project (including safety issues):

2015 PCI 60-68; projected deterioration to trigger placing in 5 year plan

6. Scheduling and Cost of Project/Study in 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$0	\$0	\$419,461	\$0	\$0	\$419,461
Net	\$0	\$0	\$119,461	\$0	\$0	\$119,461

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
2017	\$0	\$0
2018	\$0	\$0
2019	\$0	\$0
2020	\$0	\$0
2021	\$300,000	\$155,889
Total	\$300,000	\$155,889

9. Compliance with Council objective/strategic plan (if applicable):

10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

1. Department / Function: **Construction, Resurfacing and Minor Capital -**
Details of Project/Study: **Transfer to Transportation General Reserve for Future Infrastructure Needs**

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 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$0	\$0	\$325,000	\$0	\$250,000	\$575,000
Net	\$0	\$0	\$325,000	\$0	\$250,000	\$575,000

3. Estimated Useful Life:

4. Location of Project/Study (if applicable):

Facility Name / Address	Municipality
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5. Need or Benefit(s) of Project (including safety issues):

To set aside money for future infrastructure needs.

6. Scheduling and Cost of Project/Study in 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$0	\$0	\$767,000	\$1,480,000	\$1,918,000	\$4,165,000
Net	\$0	\$0	\$767,000	\$1,480,000	\$1,918,000	\$4,165,000

7. Consequences/Implications of Not Undertaking Project (including alternatives):

If funds are not available for future infrastructure needs, the County's infrastructure will deteriorate.

8. Identify Sources and Amounts of Funding

	Taxation
2017	\$0
2018	\$0
2019	\$325,000
2020	\$0
2021	\$250,000
Total	\$575,000

9. Compliance with Council objective/strategic plan (if applicable):

10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):

Machinery: 2017



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

1. Department / Function: Machinery - 2017

Details of Project/Study: **Bridge Crew Utility Vehicle, dispose of V112-07**

2. Total Gross Cost of Proposed Capital Project/Study: \$12,500

Construction	Consultant/Contractor	Equipment	Other (Specify)
		\$12,500	

The vehicle purchased in 2014 was ambulance 07-1281. The purchase price was \$12,000.

Cost of Proposed Capital Project/Study in 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$12,500	\$0	\$0	\$0	\$0	\$12,500
Net	\$0	\$0	\$0	\$0	\$0	\$0

3. Estimated Useful Life: 3 years

4. Location of Project/Study (if applicable):

Facility Name / Address	Municipality
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5. Need or Benefit(s) of Project (including safety issues):

The bridge crew requires this vehicle to perform its work

6. Scheduling and Cost of Project/Study in 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$0	\$12,500	\$0	\$0	\$0	\$12,500
Net	\$0	\$0	\$0	\$0	\$0	\$0

7. Consequences/Implications of Not Undertaking Project (including alternatives):

The bridge crew requires this vehicle to perform its work

8. Identify Sources and Amounts of Funding

	From Reserve - TS Equipment Reserve	Other (Specify) - Sale of assets
2017	\$10,500	\$2,000
2018	\$0	\$0
2019	\$0	\$0
2020	\$0	\$0
2021	\$0	\$0
Total	\$10,500	\$2,000

9. Compliance with Council objective/strategic plan (if applicable):

10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

1. Department / Function: **Machinery - 2017**

Details of Project/Study: **Passenger Van for Engineering Crew**

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 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$30,000	\$0	\$0	\$0	\$0	\$30,000
Net	\$0	\$0	\$0	\$0	\$0	\$0

3. Estimated Useful Life: 6 years

4. Location of Project/Study (if applicable):

Facility Name / Address	Municipality
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5. Need or Benefit(s) of Project (including safety issues):

The need for a van is to have a closed in vehicle that has the capacity to carry our equipment (e.g. Survey equipment, men working signs, shovels, stakes, etc.) out of the elements. Also, it has the capability for multiple passengers when doing site meetings and road assessments. Currently, we have had to use multiple vehicles to accommodate our above stated needs, which is not as safe or as convenient when pulling off to the side of the road to make observations and have discussions.

6. Scheduling and Cost of Project/Study in 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$0	\$0	\$0	\$0	\$0	\$0
Net	\$0	\$0	\$0	\$0	\$0	\$0

7. Consequences/Implications of Not Undertaking Project (including alternatives):

There are extra costs involved with having more than one vehicle used if one vehicle can be utilized. A car is enclosed and has the capability for multiple passengers, but is not sufficient to carry the necessary equipment. A truck equipped with four doors and a closed in box (i.e., a cap) would work but the price is significantly more.

8. Identify Sources and Amounts of Funding

	From Reserve - TS Equipment Reserve
2017	\$30,000
2018	\$0
2019	\$0
2020	\$0
2021	\$0
Total	\$30,000

9. Compliance with Council objective/strategic plan (if applicable):

10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

1. Department / Function: **Machinery - 2017**

Details of Project/Study: **Half-ton, dispose of V003-10**

2. Total Gross Cost of Proposed Capital Project/Study: \$31,000

Construction	Consultant/Contractor	Equipment	Other (Specify)
		\$31,000	

Cost of Proposed Capital Project/Study in 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$31,000	\$0	\$0	\$0	\$0	\$31,000
Net	\$0	\$0	\$0	\$0	\$0	\$0

3. Estimated Useful Life: 7 years

4. Location of Project/Study (if applicable):

Facility Name / Address	Municipality
N/A	

5. Need or Benefit(s) of Project (including safety issues):

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 2005 Equipment, Fleet and Shop Operations Management Practice Manual, as well as overall usage, maintenance history, and projected future costs.

6. Scheduling and Cost of Project/Study in 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$0	\$31,000	\$0	\$0	\$0	\$31,000
Net	\$0	\$0	\$0	\$0	\$0	\$0

7. Consequences/Implications of Not Undertaking Project (including alternatives):

As indicated in the Equipment, Fleet and Shop Operations Management Practice Manual, using the Economic Theory of Vehicle Replacement, 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 - TS Equipment Reserve	Other (Specify) - Sale of assets
2017	\$28,000	\$3,000
2018	\$0	\$0
2019	\$0	\$0
2020	\$0	\$0
2021	\$0	\$0
Total	\$28,000	\$3,000

9. Compliance with Council objective/strategic plan (if applicable):

As indicated above, County Council approved the 2005 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):



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

1. Department / Function: **Machinery - 2017**

Details of Project/Study: **Half-ton, dispose of V010-10**

2. Total Gross Cost of Proposed Capital Project/Study: \$31,000

Construction	Consultant/Contractor	Equipment	Other (Specify)
		\$31,000	

Cost of Proposed Capital Project/Study in 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$31,000	\$0	\$0	\$0	\$0	\$31,000
Net	\$0	\$0	\$0	\$0	\$0	\$0

3. Estimated Useful Life: 7 years

4. Location of Project/Study (if applicable):

Facility Name / Address	Municipality
N/A	

5. Need or Benefit(s) of Project (including safety issues):

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 2005 Equipment, Fleet and Shop Operations Management Practice Manual, as well as overall usage, maintenance history, and projected future costs. TEST TEST

6. Scheduling and Cost of Project/Study in 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$0	\$31,000	\$0	\$0	\$0	\$31,000
Net	\$0	\$0	\$0	\$0	\$0	\$0

7. Consequences/Implications of Not Undertaking Project (including alternatives):

As indicated in the Equipment, Fleet and Shop Operations Management Practice Manual, using the Economic Theory of Vehicle Replacement, 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 - TS Equipment Reserve	Other (Specify) - Sale of assets
2017	\$28,000	\$3,000
2018	\$0	\$0
2019	\$0	\$0
2020	\$0	\$0
2021	\$0	\$0
Total	\$28,000	\$3,000

9. Compliance with Council objective/strategic plan (if applicable):

As indicated above, County Council approved the 2005 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):



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

1. Department / Function: Machinery - 2017

Details of Project/Study: **Loader Backhoe, dispose of V501-04**

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 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$130,000	\$0	\$0	\$0	\$0	\$130,000
Net	\$0	\$0	\$0	\$0	\$0	\$0

3. Estimated Useful Life: 10 years

4. Location of Project/Study (if applicable):

Facility Name / Address	Municipality
N/A	

5. Need or Benefit(s) of Project (including safety issues):

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 2005 Equipment, Fleet and Shop Operations Management Practice Manual, as well as overall usage, maintenance history, and projected future costs.

6. Scheduling and Cost of Project/Study in 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$0	\$130,000	\$0	\$0	\$0	\$130,000
Net	\$0	\$0	\$0	\$0	\$0	\$0

7. Consequences/Implications of Not Undertaking Project (including alternatives):

As indicated in the Equipment, Fleet and Shop Operations Management Practice Manual, using the Economic Theory of Vehicle Replacement, 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 - TS Equipment Reserve	Other (Specify) - Sale of assets
2017	\$104,000	\$26,000
2018	\$0	\$0
2019	\$0	\$0
2020	\$0	\$0
2021	\$0	\$0
Total	\$104,000	\$26,000

9. Compliance with Council objective/strategic plan (if applicable):

As indicated above, County Council approved the 2005 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):



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

1. Department / Function: **Machinery - 2017**

Details of Project/Study: **Tandem, dispose of V318-05 and V309-07**

2. Total Gross Cost of Proposed Capital Project/Study: \$251,000

Construction	Consultant/Contractor	Equipment	Other (Specify)
		\$251,000	

Cost of Proposed Capital Project/Study in 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$251,000	\$0	\$0	\$0	\$0	\$251,000
Net	\$0	\$0	\$0	\$0	\$0	\$0

3. Estimated Useful Life: 10 years

4. Location of Project/Study (if applicable):

Facility Name / Address	Municipality
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5. Need or Benefit(s) of Project (including safety issues):

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 2005 Equipment, Fleet and Shop Operations Management Practice Manual, as well as overall usage, maintenance history, and projected future costs.

6. Scheduling and Cost of Project/Study in 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$0	\$0	\$0	\$0	\$0	\$0
Net	\$0	\$0	\$0	\$0	\$0	\$0

7. Consequences/Implications of Not Undertaking Project (including alternatives):

As indicated in the Equipment, Fleet and Shop Operations Management Practice Manual, using the Economic Theory of Vehicle Replacement, 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 - TS Equipment Reserve	Other (Specify) - Sale of Assets
2017	\$179,000	\$72,000
2018	\$0	\$0
2019	\$0	\$0
2020	\$0	\$0
2021	\$0	\$0
Total	\$179,000	\$72,000

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 vehicles and machinery at the end of their useful life is consistent with this objective.

10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

1. Department / Function: **Machinery - 2017**

Details of Project/Study: **Tandem, dispose of V306-05**

2. Total Gross Cost of Proposed Capital Project/Study: \$251,000

Construction	Consultant/Contractor	Equipment	Other (Specify)
		\$251,000	

Cost of Proposed Capital Project/Study in 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$251,000	\$0	\$0	\$0	\$0	\$251,000
Net	\$0	\$0	\$0	\$0	\$0	\$0

3. Estimated Useful Life: 10 years

4. Location of Project/Study (if applicable):

Facility Name / Address	Municipality
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5. Need or Benefit(s) of Project (including safety issues):

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 2005 Equipment, Fleet and Shop Operations Management Practice Manual, as well as overall usage, maintenance history, and projected future costs.

6. Scheduling and Cost of Project/Study in 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$0	\$0	\$0	\$0	\$0	\$0
Net	\$0	\$0	\$0	\$0	\$0	\$0

7. Consequences/Implications of Not Undertaking Project (including alternatives):

As indicated in the Equipment, Fleet and Shop Operations Management Practice Manual, using the Economic Theory of Vehicle Replacement, 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 - TS Equipment Reserve	Other (Specify) - Sale of Assets
2017	\$221,500	\$29,500
2018	\$0	\$0
2019	\$0	\$0
2020	\$0	\$0
2021	\$0	\$0
Total	\$221,500	\$29,500

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 vehicles and machinery at the end of their useful life is consistent with this objective.

10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

1. Department / Function: Machinery - 2017

Details of Project/Study: **Grader, dispose of V401-08 and 403-07**

2. Total Gross Cost of Proposed Capital Project/Study: \$395,000

Construction	Consultant/Contractor	Equipment	Other (Specify)
		\$395,000	

Cost of Proposed Capital Project/Study in 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$395,000	\$0	\$0	\$0	\$0	\$395,000
Net	\$0	\$0	\$0	\$0	\$0	\$0

3. Estimated Useful Life: 12 years

4. Location of Project/Study (if applicable):

Facility Name / Address	Municipality
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5. Need or Benefit(s) of Project (including safety issues):

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 2005 Equipment, Fleet and Shop Operations Management Practice Manual, as well as overall usage, maintenance history, and projected future costs.

6. Scheduling and Cost of Project/Study in 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$0	\$0	\$0	\$0	\$395,000	\$395,000
Net	\$0	\$0	\$0	\$0	\$0	\$0

7. Consequences/Implications of Not Undertaking Project (including alternatives):

As indicated in the Equipment, Fleet and Shop Operations Management Practice Manual, using the Economic Theory of Vehicle Replacement, 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 - TS Equipment Reserve	Other (Specify) - Sale of assets
2017	\$155,000	\$240,000
2018	\$0	\$0
2019	\$0	\$0
2020	\$0	\$0
2021	\$0	\$0
Total	\$155,000	\$240,000

9. Compliance with Council objective/strategic plan (if applicable):

10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

1. Department / Function: Machinery - 2017

Details of Project/Study: **Ontario Works 15 Passenger Van, dispose of V020-12**

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 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$40,000	\$0	\$0	\$0	\$0	\$40,000
Net	\$0	\$0	\$0	\$0	\$0	\$0

3. Estimated Useful Life: 6 years

4. Location of Project/Study (if applicable):

Facility Name / Address	Municipality
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5. Need or Benefit(s) of Project (including safety issues):

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 2005 Equipment, Fleet and Shop Operations Management Practice Manual, as well as overall usage, maintenance history, and projected future costs.

6. Scheduling and Cost of Project/Study in 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$0	\$40,000	\$0	\$0	\$0	\$40,000
Net	\$0	\$0	\$0	\$0	\$0	\$0

7. Consequences/Implications of Not Undertaking Project (including alternatives):

As indicated in the Equipment, Fleet and Shop Operations Management Practice Manual, using the Economic Theory of Vehicle Replacement, 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 - TS Equipment Reserves	Other (Specify) - Sale of assets
2017	\$37,000	\$3,000
2018	\$0	\$0
2019	\$0	\$0
2020	\$0	\$0
2021	\$0	\$0
Total	\$37,000	\$3,000

9. Compliance with Council objective/strategic plan (if applicable):

As indicated above, County Council approved the 2005 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):



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

1. Department / Function: **Machinery -**

Details of Project/Study: **Non-Licensed Equipment**

2. Total Gross Cost of Proposed Capital Project/Study: \$275,500

Construction	Consultant/Contractor	Equipment	Other (Specify)
		\$275,500	

Funds to replace miscellaneous non-licensed equipment. Items such as chain saws, generators, air compressors, weed eaters, etc. See the attached document for a listing of purchases in 2014 and 2015.

Cost of Proposed Capital Project/Study in 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$53,000	\$54,000	\$55,000	\$56,000	\$57,500	\$275,500
Net	\$0	\$0	\$0	\$0	\$0	\$0

3. Estimated Useful Life: Various

4. Location of Project/Study (if applicable):

Facility Name / Address	Municipality
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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 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$52,000	\$53,000	\$54,000	\$55,000	\$56,000	\$270,000
Net	\$0	\$0	\$0	\$0	\$0	\$0

7. Consequences/Implications of Not Undertaking Project (including alternatives):

Equipment will reach the end of their 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 - TS Equipment Reserve
2017	\$53,000
2018	\$54,000
2019	\$55,000
2020	\$56,000
2021	\$57,500
Total	\$275,500

9. Compliance with Council objective/strategic plan (if applicable):

10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):

Purchases from Non-Licensed Equipment

2015 Purchases

Gas Generator with Wheel	407
3 Chain saws	2,320
Trimmer with attachments	1,223
Pressure Blaster and Nozzle	668
Berti TA/S220 Mower	12,005
Compressor for Dundalk Shop	2,254
"Armadillo" traffic data collector	3,311
Steelmax 14" chop saw	698
Gas Generator 4200W	427
4 Interface Kits for GPS in trucks	1,050
ACE Controllers for 4 area foremen	6,207
Portable Generator	4,808
	<hr/>
	35,380

2014 Purchases

Retroreflectometer	12,593
Measuring devices for pickups (4)	3,743
Plow sensor systems	17,034
Old Ambulance purchased by Bridge Crew	12,000
	<hr/>
	45,370



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

1. Department / Function: **Machinery -**

Details of Project/Study: **Transportation Equipment Reserve Funding**

2. Total Gross Cost of Proposed Capital Project/Study: \$0

Construction	Consultant/Contractor	Equipment	Other (Specify)
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Annual contribution to reserve in order to fund equipment replacement purchases

Cost of Proposed Capital Project/Study in 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$660,000	\$660,000	\$660,000	\$660,000	\$660,000	\$3,300,000
Net	\$660,000	\$660,000	\$660,000	\$660,000	\$660,000	\$3,300,000

3. Estimated Useful Life: N/A

4. Location of Project/Study (if applicable):

Facility Name / Address	Municipality
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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 2016-2020 Capital Plan: \$1,100,000

	2016	2017	2018	2019	2020	Total
Gross	\$660,000	\$660,000	\$660,000	\$660,000	\$660,000	\$3,300,000
Net	\$660,000	\$660,000	\$660,000	\$660,000	\$660,000	\$3,300,000

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
2017	\$660,000
2018	\$660,000
2019	\$660,000
2020	\$660,000
2021	\$660,000
Total	\$3,300,000

9. Compliance with Council objective/strategic plan (if applicable):

10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

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 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$15,000	\$15,000	\$15,000	\$15,000	\$15,000	\$75,000
Net	\$15,000	\$15,000	\$15,000	\$15,000	\$15,000	\$75,000

3. Estimated Useful Life: As per lifecycle replacement schedules for OW Vans

4. Location of Project/Study (if applicable):

Facility Name / Address	Municipality
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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 2016-2020 Capital Plan: \$20,000 annually

	2016	2017	2018	2019	2020	Total
Gross	\$15,000	\$15,000	\$15,000	\$15,000	\$15,000	\$75,000
Net	\$15,000	\$15,000	\$15,000	\$15,000	\$15,000	\$75,000

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 - OW Van Replacement Reserve
2017	\$15,000
2018	\$15,000
2019	\$15,000
2020	\$15,000
2021	\$15,000
Total	\$75,000

9. Compliance with Council objective/strategic plan (if applicable):

10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):

Machinery: 2018



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

1. Department / Function: **Machinery - 2018**

Details of Project/Study: **Half-ton, dispose of V005-11**

2. Total Gross Cost of Proposed Capital Project/Study: \$32,000

Construction	Consultant/Contractor	Equipment	Other (Specify)
		\$32,000	

Cost of Proposed Capital Project/Study in 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$0	\$32,000	\$0	\$0	\$0	\$32,000
Net	\$0	\$0	\$0	\$0	\$0	\$0

3. Estimated Useful Life: 7 years

4. Location of Project/Study (if applicable):

Facility Name / Address	Municipality
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5. Need or Benefit(s) of Project (including safety issues):

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 2005 Equipment, Fleet and Shop Operations Management Practice Manual, as well as overall usage, maintenance history, and projected future costs.

6. Scheduling and Cost of Project/Study in 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$0	\$0	\$32,000	\$0	\$0	\$32,000
Net	\$0	\$0	\$0	\$0	\$0	\$0

7. Consequences/Implications of Not Undertaking Project (including alternatives):

As indicated in the Equipment, Fleet and Shop Operations Management Practice Manual, using the Economic Theory of Vehicle Replacement, 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 - TS Equipment Reserves	Other (Specify) - Sale of assets
2017	\$0	\$0
2018	\$29,000	\$3,000
2019	\$0	\$0
2020	\$0	\$0
2021	\$0	\$0
Total	\$29,000	\$3,000

9. Compliance with Council objective/strategic plan (if applicable):

As indicated above, County Council approved the 2005 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):



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

1. Department / Function: **Machinery - 2018**

Details of Project/Study: **Half-ton, dispose of V006-11**

2. Total Gross Cost of Proposed Capital Project/Study: \$32,000

Construction	Consultant/Contractor	Equipment	Other (Specify)
		\$32,000	

Cost of Proposed Capital Project/Study in 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$0	\$32,000	\$0	\$0	\$0	\$32,000
Net	\$0	\$0	\$0	\$0	\$0	\$0

3. Estimated Useful Life: 7 years

4. Location of Project/Study (if applicable):

Facility Name / Address	Municipality
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5. Need or Benefit(s) of Project (including safety issues):

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 2005 Equipment, Fleet and Shop Operations Management Practice Manual, as well as overall usage, maintenance history, and projected future costs.

6. Scheduling and Cost of Project/Study in 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$0	\$0	\$32,000	\$0	\$0	\$32,000
Net	\$0	\$0	\$0	\$0	\$0	\$0

7. Consequences/Implications of Not Undertaking Project (including alternatives):

As indicated in the Equipment, Fleet and Shop Operations Management Practice Manual, using the Economic Theory of Vehicle Replacement, 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 - TS Equipment Funds	Other (Specify) - Sale of assets
2017	\$0	\$0
2018	\$29,000	\$3,000
2019	\$0	\$0
2020	\$0	\$0
2021	\$0	\$0
Total	\$29,000	\$3,000

9. Compliance with Council objective/strategic plan (if applicable):

As indicated above, County Council approved the 2005 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):



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

1. Department / Function: **Machinery - 2018**

Details of Project/Study: **Half-ton, dispose of V019-11**

2. Total Gross Cost of Proposed Capital Project/Study: \$32,000

Construction	Consultant/Contractor	Equipment	Other (Specify)
		\$32,000	

Cost of Proposed Capital Project/Study in 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$0	\$32,000	\$0	\$0	\$0	\$32,000
Net	\$0	\$0	\$0	\$0	\$0	\$0

3. Estimated Useful Life: 7 years

4. Location of Project/Study (if applicable):

Facility Name / Address	Municipality
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5. Need or Benefit(s) of Project (including safety issues):

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 2005 Equipment, Fleet and Shop Operations Management Practice Manual, as well as overall usage, maintenance history, and projected future costs.

6. Scheduling and Cost of Project/Study in 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$0	\$0	\$32,000	\$0	\$0	\$32,000
Net	\$0	\$0	\$0	\$0	\$0	\$0

7. Consequences/Implications of Not Undertaking Project (including alternatives):

As indicated in the Equipment, Fleet and Shop Operations Management Practice Manual, using the Economic Theory of Vehicle Replacement, 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 - TS Equipment Reserve	Other (Specify) - Sale of assets
2017	\$0	\$0
2018	\$29,000	\$3,000
2019	\$0	\$0
2020	\$0	\$0
2021	\$0	\$0
Total	\$29,000	\$3,000

9. Compliance with Council objective/strategic plan (if applicable):

10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

1. Department / Function: Machinery - 2018

Details of Project/Study: **Brush Chipper, dispose of V913-07**

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 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$0	\$63,000	\$0	\$0	\$0	\$63,000
Net	\$0	\$0	\$0	\$0	\$0	\$0

3. Estimated Useful Life: 10 years

4. Location of Project/Study (if applicable):

Facility Name / Address	Municipality
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5. Need or Benefit(s) of Project (including safety issues):

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 2005 Equipment, Fleet and Shop Operations Management Practice Manual, as well as overall usage, maintenance history, and projected future costs.

6. Scheduling and Cost of Project/Study in 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$0	\$0	\$63,000	\$0	\$0	\$63,000
Net	\$0	\$0	\$0	\$0	\$0	\$0

7. Consequences/Implications of Not Undertaking Project (including alternatives):

As indicated in the Equipment, Fleet and Shop Operations Management Practice Manual, using the Economic Theory of Vehicle Replacement, 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 - TS Equipment Reserves	Other (Specify) - Sale of assets
2017	\$0	\$0
2018	\$55,500	\$7,500
2019	\$0	\$0
2020	\$0	\$0
2021	\$0	\$0
Total	\$55,500	\$7,500

9. Compliance with Council objective/strategic plan (if applicable):

As indicated above, County Council approved the 2005 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):



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

1. Department / Function: Machinery - 2018

Details of Project/Study: **Loader Backhoe, dispose of V507-05**

2. Total Gross Cost of Proposed Capital Project/Study: \$132,000

Construction	Consultant/Contractor	Equipment	Other (Specify)
		\$132,000	

Cost of Proposed Capital Project/Study in 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$0	\$132,000	\$0	\$0	\$0	\$132,000
Net	\$0	\$0	\$0	\$0	\$0	\$0

3. Estimated Useful Life: 10 years

4. Location of Project/Study (if applicable):

Facility Name / Address	Municipality
N/A	

5. Need or Benefit(s) of Project (including safety issues):

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 2005 Equipment, Fleet and Shop Operations Management Practice Manual, as well as overall usage, maintenance history, and projected future costs.

6. Scheduling and Cost of Project/Study in 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$0	\$0	\$132,000	\$0	\$0	\$132,000
Net	\$0	\$0	\$0	\$0	\$0	\$0

7. Consequences/Implications of Not Undertaking Project (including alternatives):

As indicated in the Equipment, Fleet, and Shop Operations Management Practice Manual, using the Economic Theory of Vehicle Replacement, 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 - TS Equipment Reserve	Other (Specify) - Sale of assets
2017	\$0	\$0
2018	\$106,000	\$26,000
2019	\$0	\$0
2020	\$0	\$0
2021	\$0	\$0
Total	\$106,000	\$26,000

9. Compliance with Council objective/strategic plan (if applicable):

As indicated above, County Council approved the 2005 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



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

1. Department / Function: Machinery - 2018

Details of Project/Study: **Payloader, dispose of V903-04 Wheel Loader**

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 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$0	\$250,000	\$0	\$0	\$0	\$250,000
Net	\$0	\$0	\$0	\$0	\$0	\$0

3. Estimated Useful Life: 10 Years

4. Location of Project/Study (if applicable):

Facility Name / Address	Municipality
NA	

5. Need or Benefit(s) of Project (including safety issues):

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 2005 Equipment, Fleet and Shop Operations Management Practice Manual, as well as overall usage, maintenance history, and projected future costs.

6. Scheduling and Cost of Project/Study in 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$0	\$0	\$234,000	\$0	\$0	\$234,000
Net	\$0	\$0	\$0	\$0	\$0	\$0

7. Consequences/Implications of Not Undertaking Project (including alternatives):

As indicated in the Equipment, Fleet, and Shop Operations Management Practice Manual, using the Economic Theory of Vehicle Replacement, 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 - TS Equipment Reserve	Other (Specify) - Sale of assets
2017	\$0	\$0
2018	\$218,000	\$32,000
2019	\$0	\$0
2020	\$0	\$0
2021	\$0	\$0

Total	\$218,000	\$32,000
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9. Compliance with Council objective/strategic plan (if applicable):

10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

1. Department / Function: **Machinery - 2018**

Details of Project/Study: **Tandem, dispose of V308-06**

2. Total Gross Cost of Proposed Capital Project/Study: \$255,000

Construction	Consultant/Contractor	Equipment	Other (Specify)
		\$255,000	

Cost of Proposed Capital Project/Study in 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$0	\$255,000	\$0	\$0	\$0	\$255,000
Net	\$0	\$0	\$0	\$0	\$0	\$0

3. Estimated Useful Life: 10 years

4. Location of Project/Study (if applicable):

Facility Name / Address	Municipality
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5. Need or Benefit(s) of Project (including safety issues):

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 2005 Equipment, Fleet and Shop Operations Management Practice Manual, as well as overall usage, maintenance history, and projected future costs.

6. Scheduling and Cost of Project/Study in 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$0	\$0	\$255,000	\$0	\$0	\$255,000
Net	\$0	\$0	\$0	\$0	\$0	\$0

7. Consequences/Implications of Not Undertaking Project (including alternatives):

As indicated in the Equipment, Fleet, and Shop Operations Management Practice Manual, using the Economic Theory of Vehicle Replacement, 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 - TS Equipment Reserve	Other (Specify) - Sale of assets
2017	\$0	\$0
2018	\$225,000	\$30,000
2019	\$0	\$0
2020	\$0	\$0
2021	\$0	\$0
Total	\$225,000	\$30,000

9. Compliance with Council objective/strategic plan (if applicable):

As indicated above, County Council approved the 2005 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.



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

1. Department / Function: **Machinery - 2018**

Details of Project/Study: **Tandem, dispose of V307-06**

2. Total Gross Cost of Proposed Capital Project/Study: \$255,000

Construction	Consultant/Contractor	Equipment	Other (Specify)
		\$255,000	

Cost of Proposed Capital Project/Study in 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$0	\$255,000	\$0	\$0	\$0	\$255,000
Net	\$0	\$0	\$0	\$0	\$0	\$0

3. Estimated Useful Life: 10 years

4. Location of Project/Study (if applicable):

Facility Name / Address	Municipality
N/A	

5. Need or Benefit(s) of Project (including safety issues):

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 2005 Equipment, Fleet and Shop Operations Management Practice Manual, as well as overall usage, maintenance history, and projected future costs.

6. Scheduling and Cost of Project/Study in 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$0	\$0	\$255,000	\$0	\$0	\$255,000
Net	\$0	\$0	\$0	\$0	\$0	\$0

7. Consequences/Implications of Not Undertaking Project (including alternatives):

As indicated in the Equipment, Fleet, and Shop Operations Management Practice Manual, using the Economic Theory of Vehicle Replacement, 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 - TS Equipment Reserve	Other (Specify) - Sale of assets
2017	\$0	\$0
2018	\$225,000	\$30,000
2019	\$0	\$0
2020	\$0	\$0
2021	\$0	\$0
Total	\$225,000	\$30,000

9. Compliance with Council objective/strategic plan (if applicable):

As indicated above, County Council approved the 2005 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



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

1. Department / Function: **Machinery - 2018**

Details of Project/Study: **Tandem, dispose of V319-06**

2. Total Gross Cost of Proposed Capital Project/Study: \$255,000

Construction	Consultant/Contractor	Equipment	Other (Specify)
		\$255,000	

Cost of Proposed Capital Project/Study in 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$0	\$255,000	\$0	\$0	\$0	\$255,000
Net	\$0	\$0	\$0	\$0	\$0	\$0

3. Estimated Useful Life: 10 years

4. Location of Project/Study (if applicable):

Facility Name / Address	Municipality
N/A	

5. Need or Benefit(s) of Project (including safety issues):

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 2005 Equipment, Fleet and Shop Operations Management Practice Manual, as well as overall usage, maintenance history, and projected future costs.

6. Scheduling and Cost of Project/Study in 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$0	\$0	\$255,000	\$0	\$0	\$255,000
Net	\$0	\$0	\$0	\$0	\$0	\$0

7. Consequences/Implications of Not Undertaking Project (including alternatives):

As indicated in the Equipment, Fleet, and Shop Operations Management Practice Manual, using the Economic Theory of Vehicle Replacement, 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 - TS Equipment Reserve	Other (Specify) - Sale of assets
2017	\$0	\$0
2018	\$225,000	\$30,000
2019	\$0	\$0
2020	\$0	\$0
2021	\$0	\$0
Total	\$225,000	\$30,000

9. Compliance with Council objective/strategic plan (if applicable):

As indicated above, County Council approved the 2005 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



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

1. Department / Function: **Machinery - 2018**

Details of Project/Study: **Gradall, dispose of V919-12**

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 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$0	\$390,000	\$0	\$0	\$0	\$390,000
Net	\$0	\$0	\$0	\$0	\$0	\$0

3. Estimated Useful Life: 6 years

4. Location of Project/Study (if applicable):

Facility Name / Address	Municipality
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5. Need or Benefit(s) of Project (including safety issues):

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 2005 Equipment, Fleet and Shop Operations Management Practice Manual, as well as overall usage, maintenance history, and projected future costs.

6. Scheduling and Cost of Project/Study in 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$0	\$0	\$390,000	\$0	\$0	\$390,000
Net	\$0	\$0	\$0	\$0	\$0	\$0

7. Consequences/Implications of Not Undertaking Project (including alternatives):

As indicated in the Equipment, Fleet and Shop Operations Management Practice Manual, using the Economic Theory of Vehicle Replacement, 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 - TS Equipment Reserves	Other (Specify) - Sale of assets
2017	\$0	\$0
2018	\$282,000	\$108,000
2019	\$0	\$0
2020	\$0	\$0
2021	\$0	\$0
Total	\$282,000	\$108,000

9. Compliance with Council objective/strategic plan (if applicable):

As indicated above, County Council approved the 2005 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):



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

1. Department / Function: **Machinery -**

Details of Project/Study: **Non-Licensed Equipment**

2. Total Gross Cost of Proposed Capital Project/Study: \$275,500

Construction	Consultant/Contractor	Equipment	Other (Specify)
		\$275,500	

Funds to replace miscellaneous non-licensed equipment. Items such as chain saws, generators, air compressors, weed eaters, etc. See the attached document for a listing of purchases in 2014 and 2015.

Cost of Proposed Capital Project/Study in 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$53,000	\$54,000	\$55,000	\$56,000	\$57,500	\$275,500
Net	\$0	\$0	\$0	\$0	\$0	\$0

3. Estimated Useful Life: Various

4. Location of Project/Study (if applicable):

Facility Name / Address	Municipality
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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 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$52,000	\$53,000	\$54,000	\$55,000	\$56,000	\$270,000
Net	\$0	\$0	\$0	\$0	\$0	\$0

7. Consequences/Implications of Not Undertaking Project (including alternatives):

Equipment will reach the end of their 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 - TS Equipment Reserve
2017	\$53,000
2018	\$54,000
2019	\$55,000
2020	\$56,000
2021	\$57,500
Total	\$275,500

9. Compliance with Council objective/strategic plan (if applicable):

10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):

Purchases from Non-Licensed Equipment

2015 Purchases

Gas Generator with Wheel	407
3 Chain saws	2,320
Trimmer with attachments	1,223
Pressure Blaster and Nozzle	668
Berti TA/S220 Mower	12,005
Compressor for Dundalk Shop	2,254
"Armadillo" traffic data collector	3,311
Steelmax 14" chop saw	698
Gas Generator 4200W	427
4 Interface Kits for GPS in trucks	1,050
ACE Controllers for 4 area foremen	6,207
Portable Generator	4,808
	<hr/> 35,380

2014 Purchases

Retroreflectometer	12,593
Measuring devices for pickups (4)	3,743
Plow sensor systems	17,034
Old Ambulance purchased by Bridge Crew	12,000
	<hr/> 45,370



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

1. Department / Function: **Machinery -**

Details of Project/Study: **Transportation Equipment Reserve Funding**

2. Total Gross Cost of Proposed Capital Project/Study: \$0

Construction	Consultant/Contractor	Equipment	Other (Specify)
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Annual contribution to reserve in order to fund equipment replacement purchases

Cost of Proposed Capital Project/Study in 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$660,000	\$660,000	\$660,000	\$660,000	\$660,000	\$3,300,000
Net	\$660,000	\$660,000	\$660,000	\$660,000	\$660,000	\$3,300,000

3. Estimated Useful Life: N/A

4. Location of Project/Study (if applicable):

Facility Name / Address	Municipality
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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 2016-2020 Capital Plan: \$1,100,000

	2016	2017	2018	2019	2020	Total
Gross	\$660,000	\$660,000	\$660,000	\$660,000	\$660,000	\$3,300,000
Net	\$660,000	\$660,000	\$660,000	\$660,000	\$660,000	\$3,300,000

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
2017	\$660,000
2018	\$660,000
2019	\$660,000
2020	\$660,000
2021	\$660,000
Total	\$3,300,000

9. Compliance with Council objective/strategic plan (if applicable):

10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

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 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$15,000	\$15,000	\$15,000	\$15,000	\$15,000	\$75,000
Net	\$15,000	\$15,000	\$15,000	\$15,000	\$15,000	\$75,000

3. Estimated Useful Life: As per lifecycle replacement schedules for OW Vans

4. Location of Project/Study (if applicable):

Facility Name / Address	Municipality
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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 2016-2020 Capital Plan: \$20,000 annually

	2016	2017	2018	2019	2020	Total
Gross	\$15,000	\$15,000	\$15,000	\$15,000	\$15,000	\$75,000
Net	\$15,000	\$15,000	\$15,000	\$15,000	\$15,000	\$75,000

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 - OW Van Replacement Reserve
2017	\$15,000
2018	\$15,000
2019	\$15,000
2020	\$15,000
2021	\$15,000
Total	\$75,000

9. Compliance with Council objective/strategic plan (if applicable):

10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):

Machinery: 2019



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

1. Department / Function: **Machinery - 2019**

Details of Project/Study: **Passenger vehicle, dispose of V030-13**

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 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$0	\$0	\$24,000	\$0	\$0	\$24,000
Net	\$0	\$0	\$0	\$0	\$0	\$0

3. Estimated Useful Life: 6 years

4. Location of Project/Study (if applicable):

Facility Name / Address	Municipality
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5. Need or Benefit(s) of Project (including safety issues):

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 2005 Equipment, Fleet and Shop Operations Management Practice Manual, as well as overall usage, maintenance history, and projected future costs.

6. Scheduling and Cost of Project/Study in 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$0	\$0	\$0	\$24,000	\$0	\$24,000
Net	\$0	\$0	\$0	\$0	\$0	\$0

7. Consequences/Implications of Not Undertaking Project (including alternatives):

As indicated in the Equipment, Fleet and Shop Operations Management Practice Manual, using the Economic Theory of Vehicle Replacement, 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 - TS Equipment Reserve	Other (Specify) - Sale of assets
2017	\$0	\$0
2018	\$0	\$0
2019	\$22,000	\$2,000
2020	\$0	\$0
2021	\$0	\$0
Total	\$22,000	\$2,000

9. Compliance with Council objective/strategic plan (if applicable):

10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

1. Department / Function: **Machinery - 2019**

Details of Project/Study: **Half-ton, dispose of V009-12**

2. Total Gross Cost of Proposed Capital Project/Study: \$32,500

Construction	Consultant/Contractor	Equipment	Other (Specify)
		\$32,500	

Cost of Proposed Capital Project/Study in 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$0	\$0	\$32,500	\$0	\$0	\$32,500
Net	\$0	\$0	\$0	\$0	\$0	\$0

3. Estimated Useful Life: 7 years

4. Location of Project/Study (if applicable):

Facility Name / Address	Municipality
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5. Need or Benefit(s) of Project (including safety issues):

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 2005 Equipment, Fleet and Shop Operations Management Practice Manual, as well as overall usage, maintenance history, and projected future costs.

6. Scheduling and Cost of Project/Study in 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$0	\$0	\$0	\$32,500	\$0	\$32,500
Net	\$0	\$0	\$0	\$0	\$0	\$0

7. Consequences/Implications of Not Undertaking Project (including alternatives):

As indicated in the Equipment, Fleet and Shop Operations Management Practice Manual, using the Economic Theory of Vehicle Replacement, 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 - TS Equipment Reserve	Other (Specify) - Sale of assets
2017	\$0	\$0
2018	\$0	\$0
2019	\$29,000	\$3,500
2020	\$0	\$0
2021	\$0	\$0
Total	\$29,000	\$3,500

9. Compliance with Council objective/strategic plan (if applicable):

10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

1. Department / Function: **Machinery - 2019**

Details of Project/Study: **Half-ton, dispose of V017-12**

2. Total Gross Cost of Proposed Capital Project/Study: \$32,500

Construction	Consultant/Contractor	Equipment	Other (Specify)
		\$32,500	

Cost of Proposed Capital Project/Study in 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$0	\$0	\$32,500	\$0	\$0	\$32,500
Net	\$0	\$0	\$0	\$0	\$0	\$0

3. Estimated Useful Life: 7 years

4. Location of Project/Study (if applicable):

Facility Name / Address	Municipality
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5. Need or Benefit(s) of Project (including safety issues):

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 2005 Equipment, Fleet and Shop Operations Management Practice Manual, as well as overall usage, maintenance history, and projected future costs.

6. Scheduling and Cost of Project/Study in 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$0	\$0	\$0	\$32,500	\$0	\$32,500
Net	\$0	\$0	\$0	\$0	\$0	\$0

7. Consequences/Implications of Not Undertaking Project (including alternatives):

As indicated in the Equipment, Fleet and Shop Operations Management Practice Manual, using the Economic Theory of Vehicle Replacement, 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 - TS Equipment Reserve	Other (Specify) - Sale of assets
2017	\$0	\$0
2018	\$0	\$0
2019	\$29,000	\$3,500
2020	\$0	\$0
2021	\$0	\$0
Total	\$29,000	\$3,500

9. Compliance with Council objective/strategic plan (if applicable):

10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

1. Department / Function: Machinery - 2019

Details of Project/Study: **Ontario Works 15 Passenger Van, dispose of V021-13**

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 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$0	\$0	\$41,000	\$0	\$0	\$41,000
Net	\$0	\$0	\$0	\$0	\$0	\$0

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 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 2005 Equipment, Fleet and Shop Operations Management Practice Manual, as well as overall usage, maintenance history, and projected future costs.

6. Scheduling and Cost of Project/Study in 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$0	\$0	\$0	\$41,000	\$0	\$41,000
Net	\$0	\$0	\$0	\$0	\$0	\$0

7. Consequences/Implications of Not Undertaking Project (including alternatives):

As indicated in the Equipment, Fleet and Shop Operations Management Practice Manual, using the Economic Theory of Vehicle Replacement, 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 - TS Equipment Reserve	Other (Specify) - Sale of assets
2017	\$0	\$0
2018	\$0	\$0
2019	\$38,000	\$3,000
2020	\$0	\$0
2021	\$0	\$0
Total	\$38,000	\$3,000

9. Compliance with Council objective/strategic plan (if applicable):

10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

1. Department / Function: Machinery - 2019

Details of Project/Study: **Tractor with Loader, Mower, Sweeper, dispose of V604-07**

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 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$0	\$0	\$99,000	\$0	\$0	\$99,000
Net	\$0	\$0	\$0	\$0	\$0	\$0

3. Estimated Useful Life: 12 years

4. Location of Project/Study (if applicable):

Facility Name / Address	Municipality
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5. Need or Benefit(s) of Project (including safety issues):

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 2005 Equipment, Fleet and Shop Operations Management Practice Manual, as well as overall usage, maintenance history, and projected future costs.

6. Scheduling and Cost of Project/Study in 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$0	\$0	\$0	\$99,000	\$0	\$99,000
Net	\$0	\$0	\$0	\$0	\$0	\$0

7. Consequences/Implications of Not Undertaking Project (including alternatives):

As indicated in the Equipment, Fleet and Shop Operations Management Practice Manual, using the Economic Theory of Vehicle Replacement, 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 - TS Equipment Reserve	Other (Specify) - Sale of assets
2017	\$0	\$0
2018	\$0	\$0
2019	\$89,000	\$10,000
2020	\$0	\$0
2021	\$0	\$0
Total	\$89,000	\$10,000

9. Compliance with Council objective/strategic plan (if applicable):

10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

1. Department / Function: **Machinery - 2019**

Details of Project/Study: **Loader Backhoe, dispose of V506-06**

2. Total Gross Cost of Proposed Capital Project/Study: \$135,500

Construction	Consultant/Contractor	Equipment	Other (Specify)
		\$135,500	

Cost of Proposed Capital Project/Study in 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$0	\$0	\$135,500	\$0	\$0	\$135,500
Net	\$0	\$0	\$0	\$0	\$0	\$0

3. Estimated Useful Life: 10 Years

4. Location of Project/Study (if applicable):

Facility Name / Address	Municipality
NA	

5. Need or Benefit(s) of Project (including safety issues):

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 2005 Equipment, Fleet and Shop Operations Management Practice Manual, as well as overall usage, maintenance history, and projected future costs.

6. Scheduling and Cost of Project/Study in 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$0	\$0	\$132,000	\$0	\$0	\$132,000
Net	\$0	\$0	\$0	\$0	\$0	\$0

7. Consequences/Implications of Not Undertaking Project (including alternatives):

As indicated in the Equipment, Fleet, and Shop Operations Management Practice Manual, using the Economic Theory of Vehicle Replacement, 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 - TS Equipment Reserve	Other (Specify) - Sale of assets
2017	\$0	\$0
2018	\$0	\$0
2019	\$108,500	\$27,000
2020	\$0	\$0
2021	\$0	\$0
Total	\$108,500	\$27,000

9. Compliance with Council objective/strategic plan (if applicable):

As indicated above, County Council approved the 2005 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):



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

1. Department / Function: **Machinery - 2019**

Details of Project/Study: **Payloader, dispose of V902-06 Wheel Loader**

2. Total Gross Cost of Proposed Capital Project/Study: \$255,000

Construction	Consultant/Contractor	Equipment	Other (Specify)
		\$255,000	

Cost of Proposed Capital Project/Study in 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$0	\$0	\$255,000	\$0	\$0	\$255,000
Net	\$0	\$0	\$0	\$0	\$0	\$0

3. Estimated Useful Life: 10 years

4. Location of Project/Study (if applicable):

Facility Name / Address	Municipality
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5. Need or Benefit(s) of Project (including safety issues):

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 2005 Equipment, Fleet and Shop Operations Management Practice Manual, as well as overall usage, maintenance history, and projected future costs.

6. Scheduling and Cost of Project/Study in 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$0	\$0	\$0	\$239,000	\$0	\$239,000
Net	\$0	\$0	\$0	\$0	\$0	\$0

7. Consequences/Implications of Not Undertaking Project (including alternatives):

As indicated in the Equipment, Fleet and Shop Operations Management Practice Manual, using the Economic Theory of Vehicle Replacement, 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 - TS Equipment Reserve	Other (Specify) - Sale of assets
2017	\$0	\$0
2018	\$0	\$0
2019	\$211,000	\$44,000
2020	\$0	\$0
2021	\$0	\$0
Total	\$211,000	\$44,000

9. Compliance with Council objective/strategic plan (if applicable):

10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

1. Department / Function: **Machinery - 2019**

Details of Project/Study: **Tandem, dispose of V201-07**

2. Total Gross Cost of Proposed Capital Project/Study: \$260,000

Construction	Consultant/Contractor	Equipment	Other (Specify)
		\$260,000	

Cost of Proposed Capital Project/Study in 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$0	\$0	\$260,000	\$0	\$0	\$260,000
Net	\$0	\$0	\$0	\$0	\$0	\$0

3. Estimated Useful Life: 10 years

4. Location of Project/Study (if applicable):

Facility Name / Address	Municipality
N/A	

5. Need or Benefit(s) of Project (including safety issues):

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 2005 Equipment, Fleet and Shop Operations Management Practice Manual, as well as overall usage, maintenance history, and projected future costs.

6. Scheduling and Cost of Project/Study in 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$0	\$0	\$0	\$260,000	\$0	\$260,000
Net	\$0	\$0	\$0	\$0	\$0	\$0

7. Consequences/Implications of Not Undertaking Project (including alternatives):

As indicated in the Equipment, Fleet and Shop Operations Management Practice Manual, using the Economic Theory of Vehicle Replacement, 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 - TS Equipment Reserve	Other (Specify) - Sale of assets
2017	\$0	\$0
2018	\$0	\$0
2019	\$225,000	\$35,000
2020	\$0	\$0
2021	\$0	\$0
Total	\$225,000	\$35,000

9. Compliance with Council objective/strategic plan (if applicable):

As indicated above, County Council approved the 2005 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):



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

1. Department / Function: **Machinery - 2019**

Details of Project/Study: **Tandem, dispose of V202-07**

2. Total Gross Cost of Proposed Capital Project/Study: \$260,000

Construction	Consultant/Contractor	Equipment	Other (Specify)
		\$260,000	

Cost of Proposed Capital Project/Study in 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$0	\$0	\$260,000	\$0	\$0	\$260,000
Net	\$0	\$0	\$0	\$0	\$0	\$0

3. Estimated Useful Life: 10 years

4. Location of Project/Study (if applicable):

Facility Name / Address	Municipality
N/A	

5. Need or Benefit(s) of Project (including safety issues):

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 2005 Equipment, Fleet and Shop Operations Management Practice Manual, as well as overall usage, maintenance history, and projected future costs.

6. Scheduling and Cost of Project/Study in 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$0	\$0	\$0	\$260,000	\$0	\$260,000
Net	\$0	\$0	\$0	\$0	\$0	\$0

7. Consequences/Implications of Not Undertaking Project (including alternatives):

As indicated in the Equipment, Fleet and Shop Operations Management Practice Manual, using the Economic Theory of Vehicle Replacement, 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 - TS Equipment Reserve	Other (Specify) - Sale of assets
2017	\$0	\$0
2018	\$0	\$0
2019	\$225,000	\$35,000
2020	\$0	\$0
2021	\$0	\$0
Total	\$225,000	\$35,000

9. Compliance with Council objective/strategic plan (if applicable):

As indicated above, County Council approved the 2005 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):



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

1. Department / Function: **Machinery - 2019**

Details of Project/Study: **Tandem, dispose of triaxle V310-08**

2. Total Gross Cost of Proposed Capital Project/Study: \$260,000

Construction	Consultant/Contractor	Equipment	Other (Specify)
		\$260,000	

Cost of Proposed Capital Project/Study in 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$0	\$0	\$260,000	\$0	\$0	\$260,000
Net	\$0	\$0	\$0	\$0	\$0	\$0

3. Estimated Useful Life: 10 years

4. Location of Project/Study (if applicable):

Facility Name / Address	Municipality
N/A	

5. Need or Benefit(s) of Project (including safety issues):

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 2005 Equipment, Fleet and Shop Operations Management Practice Manual, as well as overall usage, maintenance history, and projected future costs.

6. Scheduling and Cost of Project/Study in 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$0	\$0	\$0	\$260,000	\$0	\$260,000
Net	\$0	\$0	\$0	\$0	\$0	\$0

7. Consequences/Implications of Not Undertaking Project (including alternatives):

As indicated in the Equipment, Fleet and Shop Operations Management Practice Manual, using the Economic Theory of Vehicle Replacement, 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 - TS Equipment Reserve	Other (Specify) - Sale of assets
2017	\$0	\$0
2018	\$0	\$0
2019	\$225,000	\$35,000
2020	\$0	\$0
2021	\$0	\$0
Total	\$225,000	\$35,000

9. Compliance with Council objective/strategic plan (if applicable):

As indicated above, County Council approved the 2005 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):



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

1. Department / Function: **Machinery - 2019**

Details of Project/Study: **Tandem, dispose of triaxle V301-10**

2. Total Gross Cost of Proposed Capital Project/Study: \$260,000

Construction	Consultant/Contractor	Equipment	Other (Specify)
		\$260,000	

Cost of Proposed Capital Project/Study in 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$0	\$0	\$260,000	\$0	\$0	\$260,000
Net	\$0	\$0	\$0	\$0	\$0	\$0

3. Estimated Useful Life: 10 years

4. Location of Project/Study (if applicable):

Facility Name / Address	Municipality
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5. Need or Benefit(s) of Project (including safety issues):

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 2005 Equipment, Fleet and Shop Operations Management Practice Manual, as well as overall usage, maintenance history, and projected future costs.

6. Scheduling and Cost of Project/Study in 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$0	\$0	\$0	\$260,000	\$0	\$260,000
Net	\$0	\$0	\$0	\$0	\$0	\$0

7. Consequences/Implications of Not Undertaking Project (including alternatives):

As indicated in the Equipment, Fleet and Shop Operations Management Practice Manual, using the Economic Theory of Vehicle Replacement, 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 - TS Equipment Reserve	Other (Specify) - Sale of assets
2017	\$0	\$0
2018	\$0	\$0
2019	\$220,000	\$40,000
2020	\$0	\$0
2021	\$0	\$0
Total	\$220,000	\$40,000

9. Compliance with Council objective/strategic plan (if applicable):

10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

1. Department / Function: **Machinery - 2019**

Details of Project/Study: **Tandem, dispose of triaxle V304-10**

2. Total Gross Cost of Proposed Capital Project/Study: \$260,000

Construction	Consultant/Contractor	Equipment	Other (Specify)
		\$260,000	

Cost of Proposed Capital Project/Study in 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$0	\$0	\$260,000	\$0	\$0	\$260,000
Net	\$0	\$0	\$0	\$0	\$0	\$0

3. Estimated Useful Life: 10 years

4. Location of Project/Study (if applicable):

Facility Name / Address	Municipality
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5. Need or Benefit(s) of Project (including safety issues):

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 2005 Equipment, Fleet and Shop Operations Management Practice Manual, as well as overall usage, maintenance history, and projected future costs.

6. Scheduling and Cost of Project/Study in 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$0	\$0	\$0	\$260,000	\$0	\$260,000
Net	\$0	\$0	\$0	\$0	\$0	\$0

7. Consequences/Implications of Not Undertaking Project (including alternatives):

As indicated in the Equipment, Fleet and Shop Operations Management Practice Manual, using the Economic Theory of Vehicle Replacement, 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 - TS Equipment Reserve	Other (Specify) - Sale of assets
2017	\$0	\$0
2018	\$0	\$0
2019	\$220,000	\$40,000
2020	\$0	\$0
2021	\$0	\$0
Total	\$220,000	\$40,000

9. Compliance with Council objective/strategic plan (if applicable):

10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

1. Department / Function: **Machinery -**

Details of Project/Study: **Non-Licensed Equipment**

2. Total Gross Cost of Proposed Capital Project/Study: \$275,500

Construction	Consultant/Contractor	Equipment	Other (Specify)
		\$275,500	

Funds to replace miscellaneous non-licensed equipment. Items such as chain saws, generators, air compressors, weed eaters, etc. See the attached document for a listing of purchases in 2014 and 2015.

Cost of Proposed Capital Project/Study in 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$53,000	\$54,000	\$55,000	\$56,000	\$57,500	\$275,500
Net	\$0	\$0	\$0	\$0	\$0	\$0

3. Estimated Useful Life: Various

4. Location of Project/Study (if applicable):

Facility Name / Address	Municipality
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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 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$52,000	\$53,000	\$54,000	\$55,000	\$56,000	\$270,000
Net	\$0	\$0	\$0	\$0	\$0	\$0

7. Consequences/Implications of Not Undertaking Project (including alternatives):

Equipment will reach the end of their 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 - TS Equipment Reserve
2017	\$53,000
2018	\$54,000
2019	\$55,000
2020	\$56,000
2021	\$57,500
Total	\$275,500

9. Compliance with Council objective/strategic plan (if applicable):

10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):

Purchases from Non-Licensed Equipment

2015 Purchases

Gas Generator with Wheel	407
3 Chain saws	2,320
Trimmer with attachments	1,223
Pressure Blaster and Nozzle	668
Berti TA/S220 Mower	12,005
Compressor for Dundalk Shop	2,254
"Armadillo" traffic data collector	3,311
Steelmax 14" chop saw	698
Gas Generator 4200W	427
4 Interface Kits for GPS in trucks	1,050
ACE Controllers for 4 area foremen	6,207
Portable Generator	4,808
	<hr/>
	35,380

2014 Purchases

Retroreflectometer	12,593
Measuring devices for pickups (4)	3,743
Plow sensor systems	17,034
Old Ambulance purchased by Bridge Crew	12,000
	<hr/>
	45,370



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

1. Department / Function: **Machinery -**

Details of Project/Study: **Transportation Equipment Reserve Funding**

2. Total Gross Cost of Proposed Capital Project/Study: \$0

Construction	Consultant/Contractor	Equipment	Other (Specify)
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Annual contribution to reserve in order to fund equipment replacement purchases

Cost of Proposed Capital Project/Study in 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$660,000	\$660,000	\$660,000	\$660,000	\$660,000	\$3,300,000
Net	\$660,000	\$660,000	\$660,000	\$660,000	\$660,000	\$3,300,000

3. Estimated Useful Life: N/A

4. Location of Project/Study (if applicable):

Facility Name / Address	Municipality
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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 2016-2020 Capital Plan: \$1,100,000

	2016	2017	2018	2019	2020	Total
Gross	\$660,000	\$660,000	\$660,000	\$660,000	\$660,000	\$3,300,000
Net	\$660,000	\$660,000	\$660,000	\$660,000	\$660,000	\$3,300,000

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
2017	\$660,000
2018	\$660,000
2019	\$660,000
2020	\$660,000
2021	\$660,000
Total	\$3,300,000

9. Compliance with Council objective/strategic plan (if applicable):

10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

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 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$15,000	\$15,000	\$15,000	\$15,000	\$15,000	\$75,000
Net	\$15,000	\$15,000	\$15,000	\$15,000	\$15,000	\$75,000

3. Estimated Useful Life: As per lifecycle replacement schedules for OW Vans

4. Location of Project/Study (if applicable):

Facility Name / Address	Municipality
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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 2016-2020 Capital Plan: \$20,000 annually

	2016	2017	2018	2019	2020	Total
Gross	\$15,000	\$15,000	\$15,000	\$15,000	\$15,000	\$75,000
Net	\$15,000	\$15,000	\$15,000	\$15,000	\$15,000	\$75,000

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 - OW Van Replacement Reserve
2017	\$15,000
2018	\$15,000
2019	\$15,000
2020	\$15,000
2021	\$15,000
Total	\$75,000

9. Compliance with Council objective/strategic plan (if applicable):

10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):

Machinery: 2020



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

1. Department / Function: Machinery - 2020

Details of Project/Study: **Bridge Crew Utility Vehicle, dispose of 2017 vehicle**

2. Total Gross Cost of Proposed Capital Project/Study: \$13,500

Construction	Consultant/Contractor	Equipment	Other (Specify)
		\$13,500	

To replace the ambulance that will be purchased from EMS in 2017.

Cost of Proposed Capital Project/Study in 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$0	\$0	\$0	\$13,500	\$0	\$13,500
Net	\$0	\$0	\$0	\$0	\$0	\$0

3. Estimated Useful Life: 3 years

4. Location of Project/Study (if applicable):

Facility Name / Address	Municipality
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5. Need or Benefit(s) of Project (including safety issues):

The bridge crew requires this vehicle to perform its work

6. Scheduling and Cost of Project/Study in 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$0	\$0	\$0	\$0	\$13,500	\$13,500
Net	\$0	\$0	\$0	\$0	\$0	\$0

7. Consequences/Implications of Not Undertaking Project (including alternatives):

The bridge crew requires this vehicle to perform its work

8. Identify Sources and Amounts of Funding

	From Reserve - TS Equipment Reserve	Other (Specify) - Sale of assets
2017	\$0	\$0
2018	\$0	\$0
2019	\$0	\$0
2020	\$11,000	\$2,500
2021	\$0	\$0
Total	\$11,000	\$2,500

9. Compliance with Council objective/strategic plan (if applicable):

10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

1. Department / Function: **Machinery - 2020**

Details of Project/Study: **Half-ton, dispose of V001-13**

2. Total Gross Cost of Proposed Capital Project/Study: \$33,000

Construction	Consultant/Contractor	Equipment	Other (Specify)
		\$33,000	

Cost of Proposed Capital Project/Study in 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$0	\$0	\$0	\$33,000	\$0	\$33,000
Net	\$0	\$0	\$0	\$0	\$0	\$0

3. Estimated Useful Life: 7 years

4. Location of Project/Study (if applicable):

Facility Name / Address	Municipality
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5. Need or Benefit(s) of Project (including safety issues):

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 2005 Equipment, Fleet and Shop Operations Management Practice Manual, as well as overall usage, maintenance history, and projected future costs.

6. Scheduling and Cost of Project/Study in 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$0	\$0	\$0	\$0	\$33,000	\$33,000
Net	\$0	\$0	\$0	\$0	\$0	\$0

7. Consequences/Implications of Not Undertaking Project (including alternatives):

As indicated in the Equipment, Fleet and Shop Operations Management Practice Manual, using the Economic Theory of Vehicle Replacement, 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 - TS Equipment Reserve	Other (Specify) - Sale of assets
2017	\$0	\$0
2018	\$0	\$0
2019	\$0	\$0
2020	\$29,500	\$3,500
2021	\$0	\$0
Total	\$29,500	\$3,500

9. Compliance with Council objective/strategic plan (if applicable):

10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

1. Department / Function: **Machinery - 2020**

Details of Project/Study: **Half-ton, dispose of V014-13**

2. Total Gross Cost of Proposed Capital Project/Study: \$33,000

Construction	Consultant/Contractor	Equipment	Other (Specify)
		\$33,000	

Cost of Proposed Capital Project/Study in 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$0	\$0	\$0	\$33,000	\$0	\$33,000
Net	\$0	\$0	\$0	\$0	\$0	\$0

3. Estimated Useful Life: 7 years

4. Location of Project/Study (if applicable):

Facility Name / Address	Municipality
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5. Need or Benefit(s) of Project (including safety issues):

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 2005 Equipment, Fleet and Shop Operations Management Practice Manual, as well as overall usage, maintenance history, and projected future costs.

6. Scheduling and Cost of Project/Study in 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$0	\$0	\$0	\$0	\$33,000	\$33,000
Net	\$0	\$0	\$0	\$0	\$0	\$0

7. Consequences/Implications of Not Undertaking Project (including alternatives):

As indicated in the Equipment, Fleet and Shop Operations Management Practice Manual, using the Economic Theory of Vehicle Replacement, 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 - TS Equipment Reserve	Other (Specify) - Sale of assets
2017	\$0	\$0
2018	\$0	\$0
2019	\$0	\$0
2020	\$29,500	\$3,500
2021	\$0	\$0
Total	\$29,500	\$3,500

9. Compliance with Council objective/strategic plan (if applicable):

10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

1. Department / Function: Machinery - 2020

Details of Project/Study: **Single-axle truck with box, dispose of V102-09**

2. Total Gross Cost of Proposed Capital Project/Study: \$104,000

Construction	Consultant/Contractor	Equipment	Other (Specify)
		\$104,000	

Cost of Proposed Capital Project/Study in 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$0	\$0	\$0	\$104,000	\$0	\$104,000
Net	\$0	\$0	\$0	\$0	\$0	\$0

3. Estimated Useful Life: 12 years

4. Location of Project/Study (if applicable):

Facility Name / Address	Municipality
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5. Need or Benefit(s) of Project (including safety issues):

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 2005 Equipment, Fleet and Shop Operations Management Practice Manual, as well as overall usage, maintenance history, and projected future costs.

6. Scheduling and Cost of Project/Study in 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$0	\$0	\$0	\$0	\$104,000	\$104,000
Net	\$0	\$0	\$0	\$0	\$0	\$0

7. Consequences/Implications of Not Undertaking Project (including alternatives):

As indicated in the Equipment, Fleet and Shop Operations Management Practice Manual, using the Economic Theory of Vehicle Replacement, 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 - TS Equipment Reserve	Other (Specify) - Sale of assets
2017	\$0	\$0
2018	\$0	\$0
2019	\$0	\$0
2020	\$94,000	\$10,000
2021	\$0	\$0
Total	\$94,000	\$10,000

9. Compliance with Council objective/strategic plan (if applicable):

10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

1. Department / Function: Machinery - 2020

Details of Project/Study: **Single-axle truck with box, dispose of V103-09**

2. Total Gross Cost of Proposed Capital Project/Study: \$104,000

Construction	Consultant/Contractor	Equipment	Other (Specify)
		\$104,000	

Cost of Proposed Capital Project/Study in 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$0	\$0	\$0	\$104,000	\$0	\$104,000
Net	\$0	\$0	\$0	\$0	\$0	\$0

3. Estimated Useful Life: 12 years

4. Location of Project/Study (if applicable):

Facility Name / Address	Municipality
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5. Need or Benefit(s) of Project (including safety issues):

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 2005 Equipment, Fleet and Shop Operations Management Practice Manual, as well as overall usage, maintenance history, and projected future costs.

6. Scheduling and Cost of Project/Study in 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$0	\$0	\$0	\$0	\$104,000	\$104,000
Net	\$0	\$0	\$0	\$0	\$0	\$0

7. Consequences/Implications of Not Undertaking Project (including alternatives):

As indicated in the Equipment, Fleet and Shop Operations Management Practice Manual, using the Economic Theory of Vehicle Replacement, 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 - TS Equipment Reserve	Other (Specify) - Sale of assets
2017	\$0	\$0
2018	\$0	\$0
2019	\$0	\$0
2020	\$94,000	\$10,000
2021	\$0	\$0
Total	\$94,000	\$10,000

9. Compliance with Council objective/strategic plan (if applicable):

10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

1. Department / Function: Machinery - 2020

Details of Project/Study: **Single-axle truck with box, dispose of V111-09**

2. Total Gross Cost of Proposed Capital Project/Study: \$0

Construction	Consultant/Contractor	Equipment	Other (Specify)
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Cost of Proposed Capital Project/Study in 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$0	\$0	\$0	\$104,000	\$0	\$104,000
Net	\$0	\$0	\$0	\$0	\$0	\$0

3. Estimated Useful Life: 12 years

4. Location of Project/Study (if applicable):

Facility Name / Address	Municipality
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5. Need or Benefit(s) of Project (including safety issues):

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 2005 Equipment, Fleet and Shop Operations Management Practice Manual, as well as overall usage, maintenance history, and projected future costs.

6. Scheduling and Cost of Project/Study in 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$0	\$0	\$0	\$0	\$104,000	\$104,000
Net	\$0	\$0	\$0	\$0	\$0	\$0

7. Consequences/Implications of Not Undertaking Project (including alternatives):

As indicated in the Equipment, Fleet and Shop Operations Management Practice Manual, using the Economic Theory of Vehicle Replacement, 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 - TS Equipment Reserve	Other (Specify) - Sale of assets
2017	\$0	\$0
2018	\$0	\$0
2019	\$0	\$0
2020	\$94,000	\$10,000
2021	\$0	\$0
Total	\$94,000	\$10,000

9. Compliance with Council objective/strategic plan (if applicable):

10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

1. Department / Function: Machinery - 2020

Details of Project/Study: **Loader Backhoe, dispose of V503-07**

2. Total Gross Cost of Proposed Capital Project/Study: \$138,000

Construction	Consultant/Contractor	Equipment	Other (Specify)
		\$138,000	

Cost of Proposed Capital Project/Study in 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$0	\$0	\$0	\$138,000	\$0	\$138,000
Net	\$0	\$0	\$0	\$0	\$0	\$0

3. Estimated Useful Life: 10 years

4. Location of Project/Study (if applicable):

Facility Name / Address	Municipality
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5. Need or Benefit(s) of Project (including safety issues):

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 2005 Equipment, Fleet and Shop Operations Management Practice Manual, as well as overall usage, maintenance history, and projected future costs.

6. Scheduling and Cost of Project/Study in 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$0	\$0	\$132,000	\$0	\$0	\$132,000
Net	\$0	\$0	\$0	\$0	\$0	\$0

7. Consequences/Implications of Not Undertaking Project (including alternatives):

As indicated in the Equipment, Fleet and Shop Operations Management Practice Manual, using the Economic Theory of Vehicle Replacement, 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 - TS Equipment Reserve	Other (Specify) - Sale of assets
2017	\$0	\$0
2018	\$0	\$0
2019	\$0	\$0
2020	\$110,500	\$27,500
2021	\$0	\$0
Total	\$110,500	\$27,500

9. Compliance with Council objective/strategic plan (if applicable):

10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

1. Department / Function: **Machinery - 2020**

Details of Project/Study: **Payloader, dispose of V917-09 Wheel Loader**

2. Total Gross Cost of Proposed Capital Project/Study: \$260,000

Construction	Consultant/Contractor	Equipment	Other (Specify)
		\$260,000	

Cost of Proposed Capital Project/Study in 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$0	\$0	\$0	\$260,000	\$0	\$260,000
Net	\$0	\$0	\$0	\$0	\$0	\$0

3. Estimated Useful Life: 10 years

4. Location of Project/Study (if applicable):

Facility Name / Address	Municipality
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5. Need or Benefit(s) of Project (including safety issues):

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 2005 Equipment, Fleet and Shop Operations Management Practice Manual, as well as overall usage, maintenance history, and projected future costs.

6. Scheduling and Cost of Project/Study in 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$0	\$0	\$0	\$0	\$243,000	\$243,000
Net	\$0	\$0	\$0	\$0	\$0	\$0

7. Consequences/Implications of Not Undertaking Project (including alternatives):

As indicated in the Equipment, Fleet and Shop Operations Management Practice Manual, using the Economic Theory of Vehicle Replacement, 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 - TS Equipment Reserve	Other (Specify) - Sale of assets
2017	\$0	\$0
2018	\$0	\$0
2019	\$0	\$0
2020	\$215,000	\$45,000
2021	\$0	\$0
Total	\$215,000	\$45,000

9. Compliance with Council objective/strategic plan (if applicable):

10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

1. Department / Function: **Machinery - 2020**

Details of Project/Study: **Tandem, dispose of V203-08**

2. Total Gross Cost of Proposed Capital Project/Study: \$265,000

Construction	Consultant/Contractor	Equipment	Other (Specify)
		\$265,000	

Cost of Proposed Capital Project/Study in 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$0	\$0	\$0	\$265,000	\$0	\$265,000
Net	\$0	\$0	\$0	\$0	\$0	\$0

3. Estimated Useful Life: 10 years

4. Location of Project/Study (if applicable):

Facility Name / Address	Municipality
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5. Need or Benefit(s) of Project (including safety issues):

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 2005 Equipment, Fleet and Shop Operations Management Practice Manual, as well as overall usage, maintenance history, and projected future costs.

6. Scheduling and Cost of Project/Study in 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$0	\$0	\$0	\$0	\$265,000	\$265,000
Net	\$0	\$0	\$0	\$0	\$0	\$0

7. Consequences/Implications of Not Undertaking Project (including alternatives):

As indicated in the Equipment, Fleet and Shop Operations Management Practice Manual, using the Economic Theory of Vehicle Replacement, 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 - TS Equipment Reserve	Other (Specify) - Sale of assets
2017	\$0	\$0
2018	\$0	\$0
2019	\$0	\$0
2020	\$230,000	\$35,000
2021	\$0	\$0
Total	\$230,000	\$35,000

9. Compliance with Council objective/strategic plan (if applicable):

10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

1. Department / Function: **Machinery - 2020**

Details of Project/Study: **Tandem, dispose of V204-08**

2. Total Gross Cost of Proposed Capital Project/Study: \$265,000

Construction	Consultant/Contractor	Equipment	Other (Specify)
		\$265,000	

Cost of Proposed Capital Project/Study in 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$0	\$0	\$0	\$265,000	\$0	\$265,000
Net	\$0	\$0	\$0	\$0	\$0	\$0

3. Estimated Useful Life: 10 years

4. Location of Project/Study (if applicable):

Facility Name / Address	Municipality
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5. Need or Benefit(s) of Project (including safety issues):

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 2005 Equipment, Fleet and Shop Operations Management Practice Manual, as well as overall usage, maintenance history, and projected future costs.

6. Scheduling and Cost of Project/Study in 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$0	\$0	\$0	\$0	\$265,000	\$265,000
Net	\$0	\$0	\$0	\$0	\$0	\$0

7. Consequences/Implications of Not Undertaking Project (including alternatives):

As indicated in the Equipment, Fleet and Shop Operations Management Practice Manual, using the Economic Theory of Vehicle Replacement, 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 - TS Equipment Reserve	Other (Specify) - Sale of assets
2017	\$0	\$0
2018	\$0	\$0
2019	\$0	\$0
2020	\$230,000	\$35,000
2021	\$0	\$0
Total	\$230,000	\$35,000

9. Compliance with Council objective/strategic plan (if applicable):

10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

1. Department / Function: **Machinery - 2020**

Details of Project/Study: **Tandem, dispose of V205-09**

2. Total Gross Cost of Proposed Capital Project/Study: \$265,000

Construction	Consultant/Contractor	Equipment	Other (Specify)
		\$265,000	

Cost of Proposed Capital Project/Study in 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$0	\$0	\$0	\$265,000	\$0	\$265,000
Net	\$0	\$0	\$0	\$0	\$0	\$0

3. Estimated Useful Life: 10 years

4. Location of Project/Study (if applicable):

Facility Name / Address	Municipality
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5. Need or Benefit(s) of Project (including safety issues):

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 2005 Equipment, Fleet and Shop Operations Management Practice Manual, as well as overall usage, maintenance history, and projected future costs.

6. Scheduling and Cost of Project/Study in 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$0	\$0	\$0	\$0	\$265,000	\$265,000
Net	\$0	\$0	\$0	\$0	\$0	\$0

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 2005 Equipment, Fleet and Shop Operations Management Practice Manual.

8. Identify Sources and Amounts of Funding

	From Reserve - TS Equipment Reserve	Other (Specify) - Sale of assets
2017	\$0	\$0
2018	\$0	\$0
2019	\$0	\$0
2020	\$230,000	\$35,000
2021	\$0	\$0
Total	\$230,000	\$35,000

9. Compliance with Council objective/strategic plan (if applicable):

10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

1. Department / Function: **Machinery - 2020**

Details of Project/Study: **Tandem, dispose of V206-08**

2. Total Gross Cost of Proposed Capital Project/Study: \$265,000

Construction	Consultant/Contractor	Equipment	Other (Specify)
		\$265,000	

Cost of Proposed Capital Project/Study in 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$0	\$0	\$0	\$265,000	\$0	\$265,000
Net	\$0	\$0	\$0	\$0	\$0	\$0

3. Estimated Useful Life: 10 years

4. Location of Project/Study (if applicable):

Facility Name / Address	Municipality
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5. Need or Benefit(s) of Project (including safety issues):

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 2005 Equipment, Fleet and Shop Operations Management Practice Manual, as well as overall usage, maintenance history, and projected future costs.

6. Scheduling and Cost of Project/Study in 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$0	\$0	\$0	\$0	\$265,000	\$265,000
Net	\$0	\$0	\$0	\$0	\$0	\$0

7. Consequences/Implications of Not Undertaking Project (including alternatives):

As indicated in the Equipment, Fleet and Shop Operations Management Practice Manual, using the Economic Theory of Vehicle Replacement, 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 - TS Equipment Reserve	Other (Specify) - Sale of assets
2017	\$0	\$0
2018	\$0	\$0
2019	\$0	\$0
2020	\$235,000	\$30,000
2021	\$0	\$0
Total	\$235,000	\$30,000

9. Compliance with Council objective/strategic plan (if applicable):

10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

1. Department / Function: **Machinery -**

Details of Project/Study: **Non-Licensed Equipment**

2. Total Gross Cost of Proposed Capital Project/Study: \$275,500

Construction	Consultant/Contractor	Equipment	Other (Specify)
		\$275,500	

Funds to replace miscellaneous non-licensed equipment. Items such as chain saws, generators, air compressors, weed eaters, etc. See the attached document for a listing of purchases in 2014 and 2015.

Cost of Proposed Capital Project/Study in 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$53,000	\$54,000	\$55,000	\$56,000	\$57,500	\$275,500
Net	\$0	\$0	\$0	\$0	\$0	\$0

3. Estimated Useful Life: Various

4. Location of Project/Study (if applicable):

Facility Name / Address	Municipality
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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 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$52,000	\$53,000	\$54,000	\$55,000	\$56,000	\$270,000
Net	\$0	\$0	\$0	\$0	\$0	\$0

7. Consequences/Implications of Not Undertaking Project (including alternatives):

Equipment will reach the end of their 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 - TS Equipment Reserve
2017	\$53,000
2018	\$54,000
2019	\$55,000
2020	\$56,000
2021	\$57,500
Total	\$275,500

9. Compliance with Council objective/strategic plan (if applicable):

10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):

Purchases from Non-Licensed Equipment

2015 Purchases

Gas Generator with Wheel	407
3 Chain saws	2,320
Trimmer with attachments	1,223
Pressure Blaster and Nozzle	668
Berti TA/S220 Mower	12,005
Compressor for Dundalk Shop	2,254
"Armadillo" traffic data collector	3,311
Steelmax 14" chop saw	698
Gas Generator 4200W	427
4 Interface Kits for GPS in trucks	1,050
ACE Controllers for 4 area foremen	6,207
Portable Generator	4,808
	<hr/>
	35,380

2014 Purchases

Retroreflectometer	12,593
Measuring devices for pickups (4)	3,743
Plow sensor systems	17,034
Old Ambulance purchased by Bridge Crew	12,000
	<hr/>
	45,370



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

1. Department / Function: **Machinery -**

Details of Project/Study: **Transportation Equipment Reserve Funding**

2. Total Gross Cost of Proposed Capital Project/Study: \$0

Construction	Consultant/Contractor	Equipment	Other (Specify)
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Annual contribution to reserve in order to fund equipment replacement purchases

Cost of Proposed Capital Project/Study in 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$660,000	\$660,000	\$660,000	\$660,000	\$660,000	\$3,300,000
Net	\$660,000	\$660,000	\$660,000	\$660,000	\$660,000	\$3,300,000

3. Estimated Useful Life: N/A

4. Location of Project/Study (if applicable):

Facility Name / Address	Municipality
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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 2016-2020 Capital Plan: \$1,100,000

	2016	2017	2018	2019	2020	Total
Gross	\$660,000	\$660,000	\$660,000	\$660,000	\$660,000	\$3,300,000
Net	\$660,000	\$660,000	\$660,000	\$660,000	\$660,000	\$3,300,000

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
2017	\$660,000
2018	\$660,000
2019	\$660,000
2020	\$660,000
2021	\$660,000
Total	\$3,300,000

9. Compliance with Council objective/strategic plan (if applicable):

10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

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 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$15,000	\$15,000	\$15,000	\$15,000	\$15,000	\$75,000
Net	\$15,000	\$15,000	\$15,000	\$15,000	\$15,000	\$75,000

3. Estimated Useful Life: As per lifecycle replacement schedules for OW Vans

4. Location of Project/Study (if applicable):

Facility Name / Address	Municipality
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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 2016-2020 Capital Plan: \$20,000 annually

	2016	2017	2018	2019	2020	Total
Gross	\$15,000	\$15,000	\$15,000	\$15,000	\$15,000	\$75,000
Net	\$15,000	\$15,000	\$15,000	\$15,000	\$15,000	\$75,000

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 - OW Van Replacement Reserve
2017	\$15,000
2018	\$15,000
2019	\$15,000
2020	\$15,000
2021	\$15,000
Total	\$75,000

9. Compliance with Council objective/strategic plan (if applicable):

10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):

Machinery: 2021



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

1. Department / Function: **Machinery - 2021**

Details of Project/Study: **Half-ton, dispose of V007-14**

2. Total Gross Cost of Proposed Capital Project/Study: \$33,000

Construction	Consultant/Contractor	Equipment	Other (Specify)
		\$33,000	

Cost of Proposed Capital Project/Study in 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$0	\$0	\$0	\$0	\$33,000	\$33,000
Net	\$0	\$0	\$0	\$0	\$0	\$0

3. Estimated Useful Life: 7

4. Location of Project/Study (if applicable):

Facility Name / Address	Municipality
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5. Need or Benefit(s) of Project (including safety issues):

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 2005 Equipment, Fleet and Shop Operations Management Practice Manual, as well as overall usage, maintenance history, and projected future costs.

6. Scheduling and Cost of Project/Study in 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$0	\$0	\$0	\$0	\$0	\$0
Net	\$0	\$0	\$0	\$0	\$0	\$0

7. Consequences/Implications of Not Undertaking Project (including alternatives):

As indicated in the Equipment, Fleet and Shop Operations Management Practice Manual, using the Economic Theory of Vehicle Replacement, 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 - TS Equipment Reserve	Other (Specify) - Sale of Assets
2017	\$0	\$0
2018	\$0	\$0
2019	\$0	\$0
2020	\$0	\$0
2021	\$29,500	\$3,500
Total	\$29,500	\$3,500

9. Compliance with Council objective/strategic plan (if applicable):

10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

1. Department / Function: **Machinery - 2021**

Details of Project/Study: **Half-ton, dispose of V008-14**

2. Total Gross Cost of Proposed Capital Project/Study: \$33,000

Construction	Consultant/Contractor	Equipment	Other (Specify)
		\$33,000	

Cost of Proposed Capital Project/Study in 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$0	\$0	\$0	\$0	\$33,000	\$33,000
Net	\$0	\$0	\$0	\$0	\$0	\$0

3. Estimated Useful Life: 7

4. Location of Project/Study (if applicable):

Facility Name / Address	Municipality
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5. Need or Benefit(s) of Project (including safety issues):

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 2005 Equipment, Fleet and Shop Operations Management Practice Manual, as well as overall usage, maintenance history, and projected future costs.

6. Scheduling and Cost of Project/Study in 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$0	\$0	\$0	\$0	\$0	\$0
Net	\$0	\$0	\$0	\$0	\$0	\$0

7. Consequences/Implications of Not Undertaking Project (including alternatives):

As indicated in the Equipment, Fleet and Shop Operations Management Practice Manual, using the Economic Theory of Vehicle Replacement, 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 - TS Equipment Reserve	Other (Specify) - Sale of Assets
2017	\$0	\$0
2018	\$0	\$0
2019	\$0	\$0
2020	\$0	\$0
2021	\$29,500	\$3,500
Total	\$29,500	\$3,500

9. Compliance with Council objective/strategic plan (if applicable):

10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

1. Department / Function: **Machinery - 2021**

Details of Project/Study: **Half-ton, dispose of V015-14**

2. Total Gross Cost of Proposed Capital Project/Study: \$33,000

Construction	Consultant/Contractor	Equipment	Other (Specify)
		\$33,000	

Cost of Proposed Capital Project/Study in 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$0	\$0	\$0	\$0	\$33,000	\$33,000
Net	\$0	\$0	\$0	\$0	\$0	\$0

3. Estimated Useful Life: 7

4. Location of Project/Study (if applicable):

Facility Name / Address	Municipality
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5. Need or Benefit(s) of Project (including safety issues):

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 2005 Equipment, Fleet and Shop Operations Management Practice Manual, as well as overall usage, maintenance history, and projected future costs.

6. Scheduling and Cost of Project/Study in 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$0	\$0	\$0	\$0	\$0	\$0
Net	\$0	\$0	\$0	\$0	\$0	\$0

7. Consequences/Implications of Not Undertaking Project (including alternatives):

As indicated in the Equipment, Fleet and Shop Operations Management Practice Manual, using the Economic Theory of Vehicle Replacement, 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 - TS Equipment Reserve	Other (Specify) - Sale of Assets
2017	\$0	\$0
2018	\$0	\$0
2019	\$0	\$0
2020	\$0	\$0
2021	\$29,500	\$3,500
Total	\$29,500	\$3,500

9. Compliance with Council objective/strategic plan (if applicable):

10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

1. Department / Function: **Machinery - 2021**

Details of Project/Study: **Topkick, dispose of V107-09**

2. Total Gross Cost of Proposed Capital Project/Study: \$106,500

Construction	Consultant/Contractor	Equipment	Other (Specify)
		\$106,500	

Cost of Proposed Capital Project/Study in 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$0	\$0	\$0	\$0	\$106,500	\$106,500
Net	\$0	\$0	\$0	\$0	\$0	\$0

3. Estimated Useful Life: 12

4. Location of Project/Study (if applicable):

Facility Name / Address	Municipality
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5. Need or Benefit(s) of Project (including safety issues):

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 2005 Equipment, Fleet and Shop Operations Management Practice Manual, as well as overall usage, maintenance history, and projected future costs.

6. Scheduling and Cost of Project/Study in 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$0	\$0	\$0	\$0	\$0	\$0
Net	\$0	\$0	\$0	\$0	\$0	\$0

7. Consequences/Implications of Not Undertaking Project (including alternatives):

As indicated in the Equipment, Fleet and Shop Operations Management Practice Manual, using the Economic Theory of Vehicle Replacement, 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 - TS Equipment Reserve	Other (Specify) - Sale of Assets
2017	\$0	\$0
2018	\$0	\$0
2019	\$0	\$0
2020	\$0	\$0
2021	\$95,000	\$11,500
Total	\$95,000	\$11,500

9. Compliance with Council objective/strategic plan (if applicable):

10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

1. Department / Function: **Machinery -**

Details of Project/Study: **Non-Licensed Equipment**

2. Total Gross Cost of Proposed Capital Project/Study: \$275,500

Construction	Consultant/Contractor	Equipment	Other (Specify)
		\$275,500	

Funds to replace miscellaneous non-licensed equipment. Items such as chain saws, generators, air compressors, weed eaters, etc. See the attached document for a listing of purchases in 2014 and 2015.

Cost of Proposed Capital Project/Study in 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$53,000	\$54,000	\$55,000	\$56,000	\$57,500	\$275,500
Net	\$0	\$0	\$0	\$0	\$0	\$0

3. Estimated Useful Life: Various

4. Location of Project/Study (if applicable):

Facility Name / Address	Municipality
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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 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$52,000	\$53,000	\$54,000	\$55,000	\$56,000	\$270,000
Net	\$0	\$0	\$0	\$0	\$0	\$0

7. Consequences/Implications of Not Undertaking Project (including alternatives):

Equipment will reach the end of their 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 - TS Equipment Reserve
2017	\$53,000
2018	\$54,000
2019	\$55,000
2020	\$56,000
2021	\$57,500
Total	\$275,500

9. Compliance with Council objective/strategic plan (if applicable):

10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):

Purchases from Non-Licensed Equipment

2015 Purchases

Gas Generator with Wheel	407
3 Chain saws	2,320
Trimmer with attachments	1,223
Pressure Blaster and Nozzle	668
Berti TA/S220 Mower	12,005
Compressor for Dundalk Shop	2,254
"Armadillo" traffic data collector	3,311
Steelmax 14" chop saw	698
Gas Generator 4200W	427
4 Interface Kits for GPS in trucks	1,050
ACE Controllers for 4 area foremen	6,207
Portable Generator	4,808
	<hr/>
	35,380

2014 Purchases

Retroreflectometer	12,593
Measuring devices for pickups (4)	3,743
Plow sensor systems	17,034
Old Ambulance purchased by Bridge Crew	12,000
	<hr/>
	45,370



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

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 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$15,000	\$15,000	\$15,000	\$15,000	\$15,000	\$75,000
Net	\$15,000	\$15,000	\$15,000	\$15,000	\$15,000	\$75,000

3. Estimated Useful Life: As per lifecycle replacement schedules for OW Vans

4. Location of Project/Study (if applicable):

Facility Name / Address	Municipality
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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 2016-2020 Capital Plan: \$20,000 annually

	2016	2017	2018	2019	2020	Total
Gross	\$15,000	\$15,000	\$15,000	\$15,000	\$15,000	\$75,000
Net	\$15,000	\$15,000	\$15,000	\$15,000	\$15,000	\$75,000

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 - OW Van Replacement Reserve
2017	\$15,000
2018	\$15,000
2019	\$15,000
2020	\$15,000
2021	\$15,000
Total	\$75,000

9. Compliance with Council objective/strategic plan (if applicable):

10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

1. Department / Function: **Machinery -**

Details of Project/Study: **Transportation Equipment Reserve Funding**

2. Total Gross Cost of Proposed Capital Project/Study: \$0

Construction	Consultant/Contractor	Equipment	Other (Specify)
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Annual contribution to reserve in order to fund equipment replacement purchases

Cost of Proposed Capital Project/Study in 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$660,000	\$660,000	\$660,000	\$660,000	\$660,000	\$3,300,000
Net	\$660,000	\$660,000	\$660,000	\$660,000	\$660,000	\$3,300,000

3. Estimated Useful Life: N/A

4. Location of Project/Study (if applicable):

Facility Name / Address	Municipality
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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 2016-2020 Capital Plan: \$1,100,000

	2016	2017	2018	2019	2020	Total
Gross	\$660,000	\$660,000	\$660,000	\$660,000	\$660,000	\$3,300,000
Net	\$660,000	\$660,000	\$660,000	\$660,000	\$660,000	\$3,300,000

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
2017	\$660,000
2018	\$660,000
2019	\$660,000
2020	\$660,000
2021	\$660,000
Total	\$3,300,000

9. Compliance with Council objective/strategic plan (if applicable):

10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):

Housing



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

1. Department / Function: **Housing**

Details of Project/Study: **Capital Purchases - Chatsworth**

2. Total Gross Cost of Proposed Capital Project/Study: \$184,800

Construction	Consultant/Contractor	Equipment	Other (Specify)
	\$184,800		

2019 - One Mandoor \$2,000 2021 - Office/Depot Roof \$175,000 2021 - Replace Bathroom Fixtures \$2,400 2021 - Hot Water Tank and Water Treatment System \$5,400

Cost of Proposed Capital Project/Study in 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$0	\$0	\$2,000	\$0	\$182,800	\$184,800
Net	\$0	\$0	\$2,000	\$0	\$182,800	\$184,800

3. Estimated Useful Life:

4. Location of Project/Study (if applicable):

Facility Name / Address	Municipality
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5. Need or Benefit(s) of Project (including safety issues):

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 Office Depot Roof is flat in structure and should be reviewed for upgrading to prevent premature leaking. Bathroom fixtures in this municipal building should be assessed for replacement due to their high use. The Hot Water Tank and Water Treatment systems should be reviewed for possible replacement at the end of their expected lifecycle.

6. Scheduling and Cost of Project/Study in 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$8,000	\$0	\$0	\$2,000	\$0	\$10,000
Net	\$8,000	\$0	\$0	\$2,000	\$0	\$10,000

7. Consequences/Implications of Not Undertaking Project (including alternatives):

The mandoor, if not replaced will cause other components to deteriorate and may contribute to heat loss in the winter. 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 replacement of bathroom fixtures should be reviewed for replacement as needed to ensure that they are functioning properly due to the high and frequent use of these components. 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 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.

8. Identify Sources and Amounts of Funding

	Taxation
2017	\$0
2018	\$0

2019	\$2,000
2020	\$0
2021	\$182,800
Total	\$184,800

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):



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

1. Department / Function: **Housing**

Details of Project/Study: **Capital Purchases - Clarksburg**

2. Total Gross Cost of Proposed Capital Project/Study: \$9,700

Construction	Consultant/Contractor	Equipment	Other (Specify)
	\$9,700		

2017 - Clarksburg Depot Lighting \$4,500 2021 - Clarksburg Depot Plumbing Fixtures \$3,700
2021 - Clarksburg Depot Pressure Tank \$1,500

Cost of Proposed Capital Project/Study in 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$4,500	\$0	\$0	\$0	\$5,200	\$9,700
Net	\$4,500	\$0	\$0	\$0	\$5,200	\$9,700

3. Estimated Useful Life:

4. Location of Project/Study (if applicable):

Facility Name / Address	Municipality
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5. Need or Benefit(s) of Project (including safety issues):

As per the Building Condition Assessment and the corroded condition of the electrical panels they have reached a condition that will likely pose a risk to the overall integrity of the electrical needs of the buildings. Lighting at the Clarksburg Depot is outdated and more energy efficient LED fixtures will help to reduce electricity usage. Plumbing fixtures need to be reviewed due to high use of these components in a municipal building. Windows have reached their efficient lifecycle. Pressure Tank needs to be reviewed to ensure it has not reached the end of its lifecycle. Replacement should only be if necessary.

6. Scheduling and Cost of Project/Study in 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$23,000	\$0	\$0	\$0	\$0	\$23,000
Net	\$23,000	\$0	\$0	\$0	\$0	\$23,000

7. Consequences/Implications of Not Undertaking Project (including alternatives):

Cost effective and energy efficient fixtures. New windows will help to save on energy costs and help reduce heat loss.

8. Identify Sources and Amounts of Funding

	Taxation
2017	\$4,500
2018	\$0
2019	\$0
2020	\$0
2021	\$5,200
Total	\$9,700

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):



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

1. Department / Function: **Housing**

Details of Project/Study: **Capital Purchases - Markdale Dome**

2. Total Gross Cost of Proposed Capital Project/Study: \$41,700

Construction	Consultant/Contractor	Equipment	Other (Specify)
	\$41,700		

2017 - Electrical Panels \$2,300 2018 - Parking Lot Paving \$39,400

Cost of Proposed Capital Project/Study in 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$2,300	\$39,400	\$0	\$0	\$0	\$41,700
Net	\$2,300	\$39,400	\$0	\$0	\$0	\$41,700

3. Estimated Useful Life:

4. Location of Project/Study (if applicable):

Facility Name / Address	Municipality
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5. Need or Benefit(s) of Project (including safety issues):

The electrical panel should be upgraded as per schedule to ensure that the electrical components meet code. The need for parking lot paving should be reviewed by staff to determine if the expenditure is warranted. This dome is underutilized by transportation operations.

6. Scheduling and Cost of Project/Study in 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$0	\$0	\$0	\$0	\$0	\$0
Net	\$0	\$0	\$0	\$0	\$0	\$0

7. Consequences/Implications of Not Undertaking Project (including alternatives):

The electrical panel should be upgraded to ensure that it meets code and is not in state of decay due to the environment that it is in.

8. Identify Sources and Amounts of Funding

	Taxation
2017	\$2,300
2018	\$39,400
2019	\$0
2020	\$0
2021	\$0
Total	\$41,700

9. Compliance with Council objective/strategic plan (if applicable):

10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

1. Department / Function: **Housing**

Details of Project/Study: **Capital Purchases - Dundalk**

2. Total Gross Cost of Proposed Capital Project/Study: \$30,000

Construction	Consultant/Contractor	Equipment	Other (Specify)
	\$30,000		

2017 - New Asphalt \$30,000

Cost of Proposed Capital Project/Study in 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$30,000	\$0	\$0	\$0	\$0	\$30,000
Net	\$30,000	\$0	\$0	\$0	\$0	\$30,000

3. Estimated Useful Life:

4. Location of Project/Study (if applicable):

Facility Name / Address	Municipality
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5. Need or Benefit(s) of Project (including safety issues):

There is currently no asphalt in heavily travelled areas of the maintenance yard which makes it difficult to clean up salt and sand that is spilled while loading trucks during winter operations.

6. Scheduling and Cost of Project/Study in 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$9,000	\$30,000	\$0	\$0	\$0	\$39,000
Net	\$9,000	\$30,000	\$0	\$0	\$0	\$39,000

7. Consequences/Implications of Not Undertaking Project (including alternatives):

Asphalt paving in the Dundalk Yard will provide a more efficient way to clean up sand and salt spillage and make it easier to clean up yard during winter operations. Less impact on surrounding environment.

8. Identify Sources and Amounts of Funding

	Taxation
2017	\$30,000
2018	\$0
2019	\$0
2020	\$0
2021	\$0
Total	\$30,000

9. Compliance with Council objective/strategic plan (if applicable):

10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

1. Department / Function: **Housing**

Details of Project/Study: **Capital Purchases - Dundalk Shop Facilities**

2. Total Gross Cost of Proposed Capital Project/Study: \$300,000

Construction	Consultant/Contractor	Equipment	Other (Specify)
			\$300,000

At the Dundalk location, there are currently two structures - a shop and a sand dome. The current condition of the older section of the shop, which is estimated to be some 50 – 55 years old, is fair at best. A second phase of the shop consisting of three bays was added sometime in the 1970's. A recent visual inspection by staff has recognized a need to evaluate the condition of some of the structural components of these two older sections. The overall assessment is fair to poor. At issue is the condition of the main steel beam supports in the portion that was constructed in the 70's. These supports are severely corroded there is also a need to immediately replace the roof, estimated to cost \$10,000. It is to be noted that there are a number of unlisted items that will need to be addressed beyond the obvious, which could cost an additional amount of money still to be determined. It has been recognized that there will be a requirement to replace the shingles on the sand dome, as well as some structural repairs completed before the shingles are installed, which has been estimated to cost \$60,000. In the 2015 budget, a new salt shed structure was planned, at a cost of \$30,000, but was not undertaken, as other options were considered. A structural engineer will be retained in 2016 to ascertain the structural integrity of the Dundalk shop building, and the Transportation Services department will use the results to help formulate a plan for the future of the Dundalk site. For the 2017-2021 plan, an amount of \$60,000 per year will be put into reserve to help finance the planned course of action.

Cost of Proposed Capital Project/Study in 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$60,000	\$60,000	\$60,000	\$60,000	\$60,000	\$300,000
Net	\$60,000	\$60,000	\$60,000	\$60,000	\$60,000	\$300,000

3. Estimated Useful Life:

4. Location of Project/Study (if applicable):

Facility Name / Address	Municipality
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5. Need or Benefit(s) of Project (including safety issues):

6. Scheduling and Cost of Project/Study in 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$300,000	\$0	\$0	\$0	\$0	\$300,000
Net	\$0	\$0	\$0	\$0	\$0	\$0

7. Consequences/Implications of Not Undertaking Project (including alternatives):

8. Identify Sources and Amounts of Funding

	From Reserve - Patrol D Depot Reserve	Taxation
2017	\$0	\$60,000
2018	\$0	\$60,000
2019	\$0	\$60,000
2020	\$0	\$60,000
2021	\$0	\$60,000
Total	\$0	\$300,000

9. Compliance with Council objective/strategic plan (if applicable):

10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

1. Department / Function: **Housing**

Details of Project/Study: **Capital Depot Repairs - Miscellaneous**

2. Total Gross Cost of Proposed Capital Project/Study: \$106,000

Construction	Consultant/Contractor	Equipment	Other (Specify)
	\$106,000		

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 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$21,000	\$21,000	\$21,000	\$21,000	\$21,000	\$105,000
Net	\$21,000	\$21,000	\$21,000	\$21,000	\$21,000	\$105,000

3. Estimated Useful Life:

4. Location of Project/Study (if applicable):

Facility Name / Address	Municipality
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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 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$22,000	\$21,000	\$21,000	\$21,000	\$21,000	\$106,000
Net	\$22,000	\$21,000	\$21,000	\$21,000	\$21,000	\$106,000

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
2017	\$21,000
2018	\$21,000
2019	\$21,000
2020	\$21,000
2021	\$21,000
Total	\$105,000

9. Compliance with Council objective/strategic plan (if applicable):

10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

1. Department / Function: **Housing**

Details of Project/Study: **Dome/Depot Repairs and Replacement Reserves**

2. Total Gross Cost of Proposed Capital Project/Study: \$828,800

Construction	Consultant/Contractor	Equipment	Other (Specify)
			\$828,800

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 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$182,200	\$179,600	\$217,000	\$219,000	\$31,000	\$828,800
Net	\$182,200	\$179,600	\$217,000	\$219,000	\$31,000	\$828,800

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 25 – 30 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 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$136,000	\$189,000	\$219,000	\$217,000	\$219,000	\$980,000
Net	\$136,000	\$189,000	\$219,000	\$217,000	\$219,000	\$980,000

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 - Transportation Services Dome Depot Replacement
2017	\$182,200
2018	\$179,600
2019	\$217,000
2020	\$219,000
2021	\$31,000

Total	\$828,800
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9. Compliance with Council objective/strategic plan (if applicable):

10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):

Material Storage Facilities in Grey County, as of April 2016

Location	Type	Ownership by Grey County	Ownership by Township	Ownership by MTO	Property Ownership
Patrol "A"					
Chatsworth	Dome	100%	0%	0%	County
Chatsworth	Salt Shed	100%	0%	0%	County
Keppel Twp	Shed	50%	50%	0%	Township
Sarawak Twp	Shed	60%	40%	0%	Township
Patrol "B"					
Clarksburg	Dome	57%	43%	0%	County
Clarksburg	Salt Shed	100%	0%	0%	County
Kimberley	Dome	100%	0%	0%	County
Pendleton	Dome	100%	0%	0%	County
Patrol "C"					
Ayton	Dome	100%	0%	0%	County
Ayton	Salt Shed	100%	0%	0%	County
Egremont	Shed	100%	0%	0%	County
Patrol "D"					
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

Paramedic Services



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

1. Department / Function: **Paramedic Services**

Details of Project/Study: **Tablet Computers**

2. Total Gross Cost of Proposed Capital Project/Study: \$139,125

Construction	Consultant/Contractor	Equipment	Other (Specify)
		\$139,125	

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 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$139,125	\$0	\$0	\$0	\$0	\$139,125
Net	\$0	\$0	\$0	\$0	\$0	\$0

3. Estimated Useful Life: 5 years

4. Location of Project/Study (if applicable):

Facility Name / Address	Municipality
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5. Need or Benefit(s) of Project (including safety issues):

Computer replacement based on 5 year life cycle due to full 5 year warranty coverage for the 2012 purchase of new tablets. 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 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$0	\$139,125	\$0	\$0	\$0	\$139,125
Net	\$0	\$0	\$0	\$0	\$0	\$0

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 - From EMS Reserve
2017	\$139,125
2018	\$0
2019	\$0
2020	\$0
2021	\$0
Total	\$139,125

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.



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

1. Department / Function: **Paramedic Services**

Details of Project/Study: **Ambulance Replacement**

2. Total Gross Cost of Proposed Capital Project/Study: \$2,175,710

Construction	Consultant/Contractor	Equipment	Other (Specify)
		\$2,175,710	

Cost of Proposed Capital Project/Study in 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$522,567	\$355,346	\$362,452	\$369,702	\$565,643	\$2,175,710
Net	\$0	\$0	\$0	\$0	\$0	\$0

3. Estimated Useful Life: 6 years

4. Location of Project/Study (if applicable):

Facility Name / Address	Municipality
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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

6. Scheduling and Cost of Project/Study in 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$332,020	\$507,991	\$345,434	\$352,342	\$359,389	\$1,897,176
Net	\$0	\$0	\$0	\$0	\$0	\$0

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 - From EMS Reserve	Other (Specify) - Proceeds from Disposal
2017	\$507,567	\$15,000
2018	\$345,346	\$10,000
2019	\$352,452	\$10,000
2020	\$359,702	\$10,000
2021	\$550,643	\$15,000
Total	\$2,115,710	\$60,000

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 2017-2021 planning cycle.



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

1. Department / Function: **Paramedic Services**

Details of Project/Study: **Stretchers**

2. Total Gross Cost of Proposed Capital Project/Study: \$250,666

Construction	Consultant/Contractor	Equipment	Other (Specify)
		\$250,666	

Stretchers are replaced based upon a 8 year lifecycle - \$250,666

Cost of Proposed Capital Project/Study in 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$65,676	\$44,660	\$22,776	\$46,464	\$71,090	\$250,666
Net	\$0	\$0	\$0	\$0	\$0	\$0

3. Estimated Useful Life: 8 years

4. Location of Project/Study (if applicable):

Facility Name / Address	Municipality
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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 usefull 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:

2016 - 2 stretchers 2017 - 3 stretchers 2018 - 2 stretchers 2019 - 1 stretcher 2020 - 2 stretchers 2021 - 3 stretchers

6. Scheduling and Cost of Project/Study in 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$38,398	\$59,326	\$40,737	\$41,959	\$43,218	\$223,638
Net	\$0	\$0	\$0	\$0	\$0	\$0

7. Consequences/Implications of Not Undertaking Project (including alternatives):

Strecher 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 - From EMS Reserve	Other (Specify) - Proceeds from Disposal
2017	\$64,176	\$1,500
2018	\$43,660	\$1,000
2019	\$22,276	\$500
2020	\$45,464	\$1,000
2021	\$69,590	\$1,500
Total	\$245,166	\$5,500

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.



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

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: \$2,836,191

Construction	Consultant/Contractor	Equipment	Other (Specify)
			\$2,836,191

Annual transfer to reserve of \$534,210 with annual 3.0% increase thereafter to provide a stable source of funding for vehicle and equipment replacement

Cost of Proposed Capital Project/Study in 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$534,210	\$550,236	\$566,743	\$583,745	\$601,257	\$2,836,191
Net	\$534,210	\$550,236	\$566,743	\$583,745	\$601,257	\$2,836,191

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):

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 and stair chairs.

6. Scheduling and Cost of Project/Study in 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$518,650	\$531,616	\$544,906	\$558,528	\$572,491	\$2,726,191
Net	\$518,650	\$531,616	\$544,906	\$558,528	\$572,491	\$2,726,191

7. Consequences/Implications of Not Undertaking Project (including alternatives):

Inadequate contributions to the equipment reserve fund 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 5 to 15 years.

8. Identify Sources and Amounts of Funding

	To Reserve - Transfer To EMS Reserve
2017	\$534,210
2018	\$550,236
2019	\$566,743
2020	\$583,745
2021	\$601,257
Total	\$2,836,191

9. Compliance with Council objective/strategic plan (if applicable):

10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):

Note: Capital Forecast document is for planning purposes only and information contained herein is subject to change.

6 Year Replacement Schedule for Ambulances

In 2014, reduced to 16 Ambulances (there are 16 but one is kept as an emergency back up) which delays the receiving of its disposal funds.

Fund replacement of 15 ambulances over 6 year life

	number	unit	less	Funds	life
	of units	cost +2.0%	disposal	Required	cycle (yrs)
2017	3	174,189	5,000	507,567	6
2018	2	177,673	5,000	345,346	6
2019	2	181,226	5,000	352,452	6
2020	2	184,851	5,000	359,702	6
2021	3	188,548	5,000	550,643	6
2022	3	192,319	5,000	561,956	6
	<u>15</u>				
2023	3	196,165	5,000	573,495	6
2024	2	200,088	5,000	390,177	6
2025	2	204,090	5,000	398,180	6
2026	2	208,172	5,000	406,344	6

2 ERU and 1 Trailer Replacement as follows:

2017					
2018	1 ERU	73,332	2,000	71,332	5
2019	1 ERU	74,799	2,000	72,799	5
2020					
2021					
2022					
2023	1 ERU	78,800	2,000	76,800	5
2024	1 ERU	80,376	2,000	78,376	5
2025	Trailer	69,315	2,000	67,315	15

Defibrillators

2023	18	36,423	3,000	601,614	7
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Stair Chairs

2026	17	3,657	0	62,169	10
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Stretchers

2017	3	21,892	500	64,176	8
2018	2	22,330	500	43,660	8
2019	1	22,776	500	22,276	8
2020	2	23,232	500	45,464	8
2021	3	23,697	500	69,590	8
2022	3	24,171	500	71,012	8
2023	2	24,654	500	48,308	8
2024	2	25,147	500	49,294	8
2025	3	25,650	500	75,450	8
2026	2	26,163	500	51,326	8

County Share of Funds Required to meet requirements

						next life cycle replacement			
2017	2018	2019	2020	2021	2022	2023	2024	2025	2026
507,567	345,346	352,452	359,702	550,643	561,956	573,495	390,177	398,180	406,344
	71,332	72,799							
						76,800	78,376	67,315	
						601,614			62,169
64,176	43,660	22,276	45,464	69,590	71,012	48,308	49,294	75,450	51,326

Note: Capital Forecast document is for planning purposes only and information contained herein is subject to change.

	number	unit	less	Funds	life	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026
Tablet PC															
2017	21	6,625	0	139,125	5	139,125									
2018	0	0	0	0	5										
2019	0	0	0	0	5										
2020	0	0	0	0	5										
2021	0	0	0	0	5										
2022	21	7,315	0	153,615	5						153,615				
2023	0	0	0	0	5										
2024	0	0	0	0	5										
2025	0	0	0	0	5										
2026	0	0	0	0	5										
Funds required to pay for vehicles and equipment						710,868	460,337	447,528	405,165	620,233	786,583	1,300,217	517,847	540,945	519,839

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 \$3,000 per unit will be received. 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

Annual Funding needed to replace Ambulances					
446,278	457,266	464,738	472,359	480,133	incomplete funding scenario for these years
Annual Funding needed to replace ERU and Trailer					
33,314	33,314	34,407	35,523	35,523	incomplete funding scenario for these years
Annual Funding needed to replace Defibrillators					
85,945	85,945	85,945	85,945	85,945	incomplete funding scenario for these years
Annual Funding needed to replace Stair Chairs					
6,217	6,217	6,217	6,217	6,217	incomplete funding scenario for these years
Annual Funding needed to replace Stretchers					
51,722	53,132	54,090	51,305	45,622	incomplete funding scenario for these years
Annual Funding needed to replace Tablet PCs					
27,825	30,723	30,723	30,723	30,723	incomplete funding scenario for these years
651,301	666,596	676,120	682,072	684,163	

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, 2016 of \$1,426,689

Note: Capital Forecast document is for planning purposes only and information contained herein is subject to change.

Ambulances					Res Bal										
Year	Cost per unit @ 2%	x num units	County needs	2016 s/b	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	
2017	169,189	3	507,567	422,973	84,595										
2018	172,673	2	345,346	230,230	57,558	57,558									
2019	176,226	2	352,452	176,226	58,742	58,742	58,742								
2020	179,851	2	359,702	119,901	59,950	59,950	59,950	59,950							
2021	183,548	3	550,643	91,774	91,774	91,774	91,774	91,774	91,774						
2022	187,319	3	561,956	0	93,659	93,659	93,659	93,659	93,659	93,659					
2023	191,165	3	573,495	0		95,583	95,583	95,583	95,583	95,583	95,583				
2024	195,088	2	390,177	0			65,029	65,029	65,029	65,029	65,029	65,029			
2025	199,090	2	398,180	0				66,363	66,363	66,363	66,363	66,363	66,363		
2026	203,172	2	406,344	0					67,724	67,724	67,724	67,724	67,724	67,724	
Ambulance Replacements				1,041,104	446,278	457,266	464,738	472,359	480,133	incomplete from this point on					

2 ERU and 1 Trailer Replacement as follows:

[illegible]

Defibrillators

2023	33,423	18	601,614	0	85,945	85,945	85,945	85,945	85,945	85,945	85,945	91,011	91,011	5 more years
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Stair Chairs

[illegible]

Stretchers

[illegible]

Note: Capital Forecast document is for planning purposes only and information contained herein is subject to change.

Ambulances

Year	Cost per unit @ 2%	x num units	County needs	Res Bal 2016 s/b	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026
Tablet PC														
2017	6,625	21	139,125	111,300	27,825									
2018	0	0	0											
2019	0	0	0											
2020	0	0	0											
2021	0	0	0											
2022	7,315	21	153,615	0		30,723	30,723	30,723	30,723	30,723				
2023	0	0	0											
2024	0	0	0											
2025	0	0	0											
2026	0	0	0											
Tablet PC Replacements				111,300	27,825	30,723	30,723	30,723	30,723	30,723	0	0	0	
Reserve Balance as at December 2016 s/b				1,426,689										
Combined Annual Funding to Reserve:					651,301	666,596	676,120	682,072	684,163	incomplete from this point on				

Note: Capital Forecast document is for planning purposes only and information contained herein is subject to change.

Is the Balance in Reserve at any one time adequate?

Balance in Reserve as at January 1, 2016	2,237,393
Add: Budgeted transfer of funds to reserve on behalf of 2016 budget	530,650
Less: Budgeted transfer of funds to reserve that is designated for jacket purchases	(12,000)
Less: Establish Reserve to fund unbudgeted operating budget expenditures	(100,000)
Less: Cost of operating budget items to be funded from reserves during 2016	(78,745)
Less: Cost of capital to be funded from reserves during 2016	(940,618)

Projected Balance in Reserve as at December 31, 2016	<u>1,636,680</u>
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Is this adequate?

Estimated funds needed on Dec 31, 2016 to fund equip replacements	1,426,689
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Projected Remaining Balance in Reserve as at Dec 31, 2016	<u>209,991</u>
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Our funding model suggests that we should transfer to reserve a total of \$651,301 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 to Reserve	518,650 plus annual increase of 3%
12/31/2015		2,237,393 Reserve Balance end of 2015
2016	518,650 (178,745) <u>(940,618)</u>	Add: budgeted transfer to reserve (excluding amount set aside for jacket replacement) Less: allocation of portion of reserve to fund unbudgeted operating expenditures Less: budgeted transfer from reserve
		1,636,680 Projected Reserve Balance end of 2016
2017	651,301 (117,091) <u></u>	original calculation of budget contribution less: reduction in contribution
		534,210 total recommended budget contribution
		(710,868) purchases
		1,460,022 Reserve Balance end of 2017
2018	666,596 (116,360) <u></u>	original calculation of budget contribution less: reduction in contribution
		550,236 total recommended budget contribution
		(460,337) purchases
		1,549,920 Reserve Balance end of 2018
2019	676,120 (109,377) <u></u>	original calculation of budget contribution less: reduction in contribution
		566,743 total recommended budget contribution
		(447,528) purchases
		1,669,135 Reserve Balance end of 2019
2020	682,072 (98,327) <u></u>	original calculation of budget contribution less: reduction in contribution
		583,745 total recommended budget contribution
		(405,165) purchases
		1,847,715 Reserve Balance end of 2020
2021	684,163 (82,905) <u></u>	original calculation of budget contribution less: reduction in contribution
		601,257 total recommended budget contribution
		(620,233) purchases
		<u>1,828,739</u> Reserve Balance end of 2021

to test the adequacy of this figure then as at Dec 31, 2021 we should have in the reserve the following:

Purchase	ERU #1	15,360	3	46,080
Purchase	ERU #2	15,675	2	31,350
Purchase	Trailer	4,488	11	49,364
Purchase	2022 Amb	93,659	5	468,297
Purchase	2023 Amb	95,583	4	382,330
Purchase	2024 Amb	65,029	3	195,088
Purchase	2025 Amb	66,363	2	132,727
Purchase	2026 Amb	67,724	1	67,724
Purchase	Defib	85,945	5	429,724
Purchase	Stair Chairs	6,217	5	31,085
Purchase	Stretchers			186,147
Purchase	Tablet PCS	30,723	4	122,892
				<u>2,142,809</u>

surplus/(shortfall) (314,069)



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

1. Department / Function: **Paramedic Services**

Details of Project/Study: **Construction of Paramedic Service Base - Chatsworth**

2. Total Gross Cost of Proposed Capital Project/Study: \$517,000

Construction	Consultant/Contractor	Equipment	Other (Specify)
\$517,000			

Discussion with local contracted in February 2016 identified that the 2017 costing should be based on \$235/square foot. Initial costing was based on \$200/square foot. Total anticipated debenture amount is \$557,000 (\$517,000 for build and \$40,000 budgeted for 2016 for preconstruction expenses). Base is anticipated to be addition to existing Transportation Services depot sharing utilities, septic, etc. Total square footage to be approximately 2,000 square feet with 2 ambulance bays, crew quarters and change/washrooms. Debenture calculated at 15 years with 2.5% interest rate (\$517,000 plus \$40,000 to be debentured from 2016 budget for a total debenture payment of \$557,000)

Cost of Proposed Capital Project/Study in 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$564,411	\$47,411	\$47,411	\$47,411	\$47,411	\$754,055
Net	\$47,411	\$47,411	\$47,411	\$47,411	\$47,411	\$237,055

3. Estimated Useful Life:

4. Location of Project/Study (if applicable):

Facility Name / Address	Municipality
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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 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$40,000	\$479,456	\$39,456	\$39,456	\$39,456	\$637,824
Net	\$0	\$39,456	\$39,456	\$39,456	\$39,456	\$157,824

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
2017	\$517,000	\$47,411
2018	\$0	\$47,411
2019	\$0	\$47,411

2020	\$0	\$47,411
2021	\$0	\$47,411
Total	\$517,000	\$237,055

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.



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

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: \$111,655

Construction	Consultant/Contractor	Equipment	Other (Specify)
			\$111,655

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 Craigeleith base.

Cost of Proposed Capital Project/Study in 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$18,331	\$20,331	\$22,331	\$24,331	\$26,331	\$111,655
Net	\$18,331	\$20,331	\$22,331	\$24,331	\$26,331	\$111,655

3. Estimated Useful Life:

4. Location of Project/Study (if applicable):

Facility Name / Address	Municipality
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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 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$0	\$18,331	\$20,331	\$22,331	\$24,331	\$85,324
Net	\$0	\$18,331	\$20,331	\$22,331	\$24,331	\$85,324

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
2017	\$18,331
2018	\$20,331
2019	\$22,331
2020	\$24,331
2021	\$26,331
Total	\$111,655

9. Compliance with Council objective/strategic plan (if applicable):

10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):

Repayment of the self-financed debenture for the build of the Craigleith Station will be complete in 2016; the annual debenture payment totals \$57,787 and a portion of these funds will be available in 2017 (\$18,331) for a building capital repair reserve with the remaining amount used to fund a debenture payment to build a station at the Chatsworth Transportation Depot. The recommended transfer to reserve increases by \$2,000 each year in order to provide adequate funding; the building condition assessments will be updated in 2016 and this will capture Craigleith which was built after the previous building condition assessment.



CORPORATION OF THE COUNTY OF GREY 2017-2021 CAPITAL PROJECT FORM

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 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$0	\$73,332	\$74,799	\$0	\$0	\$148,131
Net	\$0	\$0	\$0	\$0	\$0	\$0

3. Estimated Useful Life: 5 years

4. Location of Project/Study (if applicable):

Facility Name / Address	Municipality
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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 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$0	\$0	\$73,332	\$74,799	\$0	\$148,131
Net	\$0	\$0	\$0	\$0	\$0	\$0

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 - From EMS Reserve	Other (Specify) - Proceeds from Disposal
2017	\$0	\$0
2018	\$71,332	\$2,000
2019	\$72,799	\$2,000
2020	\$0	\$0
2021	\$0	\$0
Total	\$144,131	\$4,000

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.