



PROJECT	2016 Approved Budget	2017-2021 Five Year Capital & Extra-Ordinary Expenditures					TOTAL	Project Length (m)	Schedule Previous 5 Year Plan
		2017	2018	2019	2020	2021			
Grey Road 12 Pulverize & Pave Rehabilitation: Sideroad 4A - Grey Road 40 (12042-12054)	2,574,974								
From Reserve - DC Category 3	(454,984)								
From Reserve - Federal Gas Tax	(1,170,000)								
From Reserve - Transportation General	(105,000)								
Grey Road 3 and Grey Road 16 Intersection Improvements - Keady (16006,16009,3057,3058)		683,993					683,993	1,333	N/A
From Reserve - DC Category 2		(119,498)					(119,498)		
Grey Road 10 - Hanover - 12th St. to 16th St. (10030)		150,000					150,000	615	N/A
Grey Road 10 Structures 10590 & 10900: Near Concession 8	1,483,000	900,000					900,000	N/A	2016
From Reserve - Transportation General		(450,000)					(450,000)		
Partners - Bruce County	(741,500)	(450,000)					(450,000)		
Grey Road 18 Pulverize & Pave/Cold-In-Place Rehabilitation: Highway 21 - Grey Road 5 (18003-18006)		1,621,724					1,621,724	4,743	2016
From Reserve - DC Category 2		(902,028)					(902,028)		
Fed/Prov Grants - OCIF Grant		(324,515)					(324,515)		
Grey Road 18 Structures 018118 & 018376: North & South of Grey Road 5		1,161,279					1,161,279	N/A	2016
Grey Road 25 Pulverize & Pave Rehabilitation: Grey Road 3 - Highway 6 (25006-25015)		1,897,177					1,897,177	11,369	2019
From Reserve - Federal Gas Tax		(1,300,000)					(1,300,000)		
Grey Road 112 Structure 112-900: 1 km north of Highway 26		1,094,000					1,094,000	N/A	2017
Grey Road 119 Pulverize & Pave Rehabilitation: Grey Road 2 - 4th Line (119018-119021)	1,184,380	2,500,000					2,500,000	5,493	2016
From Reserve - Construction Reserve	(600,000)	(600,000)					(600,000)		
From Reserve - Federal Gas Tax	(400,000)	(745,000)					(745,000)		
Grey Road 119 Hot Mix Overlay: Grey Road 13 - Grey Road 2(119003-119015)		1,276,573					1,276,573	6,978	2020
From Reserve - Federal Gas Tax		(600,000)					(600,000)		
Grey Road 1 Mill and Pave: 14th Street West - 10th Street West (1075)			163,813				163,813	676	2019
Grey Road 4 - Lambton St to Chester Street in Durham (4036)			146,753				146,753	444	N/A
From Reserve - Durham Road Reserve			(45,162)				(45,162)		
Grey Road 10: Microsurface (10042)			177,500				177,500	7,100	2018
Partners - Bruce County			(88,750)				(88,750)		

PROJECT	2016 Approved Budget	2017-2021 Five Year Capital & Extra-Ordinary Expenditures					TOTAL	Project Length (m)	Schedule Previous 5 Year Plan
		2017	2018	2019	2020	2021			
Grey Road 15 Pulverize & Pave Rehabilitation: Tom Thomson Lane - 4.1 km North of Highway 26, South Limit Annan (15060-15067)			369,039				369,039	2,404	2018
Grey Road 15 Rehabilitation - 18th Street to Water Treatment Plant (15027-part 15030)			500,000				500,000	500	N/A
Grey Road 16 Pulverize & Pave Rehabilitation: 530m East of Grey Road 3 - Concession 5/6 (16012-16015)			1,106,915				1,106,915	5,435	2017
From Reserve - Federal Gas Tax			(700,000)				(700,000)		
Grey Road 17 Pulverize & Pave Rehabilitation: 0.9 km South of Mountain Lake Drive - Highway 6 (17013-17021)			2,654,058				2,654,058	12,371	2017
From Reserve - Federal Gas Tax			(1,800,000)				(1,800,000)		
Grey Road 32 Pulverize & Pave Rehabilitation/Reconstruction: Highway 10 - Grey Road 30 (32003-32006)			1,382,925				1,382,925	8,288	2018
From Reserve - DC Category 3			(91,673)				(91,673)		
Fed/Prov Grants - OCIF Grant			(324,515)				(324,515)		
Grey Road 40 Pulverize & Pave: 700m east of Veterans Way north to Grey Road 12 (40036-40051)			2,868,805				2,868,805	14,795	N/A
From Reserve - DC Category 4			(979,742)				(979,742)		
Grey Road 112 Pulverize & Pave Rehabilitation: Highway 26 - Meaford Tank Range (112006-112012)			927,059				927,059	5,556	2017
Grey Road 2 Pulverize & Pave Rehabilitation: Grey Road 19 - Grey Road 119 (2030-2036)				731,174			731,174	3,704	2018
From Reserve - Federal Gas Tax				(600,000)			(600,000)		
Grey Road 3 Pulverize & Pave Rehabilitation: Grey Road 5 - Grey Road 5 (3063)				282,598			282,598	1,018	2019
Grey Road 3 Pulverize and Pave Rehabilitation: 200m north of Grey Road 16 - Grey Road 5 West Jct. (3060)				572,189			572,189	3,429	2019
Grey Road 5 Pulverize & Pave Rehabilitation: 0.6 km West of Grey Road 3 to Grey Road 3 (5005)				100,121			100,121	600	2019
Grey Road 7 Pulverize & Pave Rehabilitation: Grey Road 40 - 4 Sideroad (7015-7018)				793,813			793,813	3,700	2019

PROJECT	2016 Approved Budget	2017-2021 Five Year Capital & Extra-Ordinary Expenditures					TOTAL	Project Length (m)	Schedule Previous 5 Year Plan
		2017	2018	2019	2020	2021			
Grey Road 10 Reconstruction: South Limit of Elmwood (Parker Street) - North Limit of Elmwood (300 m North of Church Street) (10045-10048) From Reserve - DC Category 2 Partners - Bruce County Share				533,643  (40,731) (266,822)			533,643  (40,731) (266,822)	832	2019
Grey Road 11 Pulverize & Pave Rehabilitation: 500m South of Highway 26 - Highway 26 (11012)				107,462			107,462	501	2019
Grey Road 13 Pulverize & Pave Rehabilitation: Grey Road 4 - South Limit of Eugenia (13003)				438,772			438,772	2,045	2019
Grey Road 15 Pulverize & Pave Rehabilitation: 3rd Ave - 3.3 km North of Owen Sound (15033-15048) From Reserve - Federal Gas Tax From Reserve - DC Category 2				1,163,935  (750,000) (100,102)			1,163,935  (750,000) (100,102)	5,423	2019
Grey Road 16 Pulverize & Pave Rehabilitation: Grey Road 10 - 300m west of Grey Road 3 (16003) From Reserve - Federal Gas Tax				1,208,166  (1,000,000)			1,208,166  (1,000,000)	5,143	2018
Grey Road 17B Pulverize and Pave Rehabilitation: Highway 21 to Grey Road 17 (17B006-17B012) From Reserve - DC Category 1 From Reserve - Federal Gas Tax				1,402,366  (670,743) (500,000)			1,402,366  (670,743) (500,000)	2,733	N/A
Grey Road 19 Pulverize & Pave Rehabilitation: The Blue Mountains/Clearview Townline - Grey Road 21 & Intersection Upgrades (19024-19027) From Reserve - Construction Reserve From Reserve - DC Category 4 Partners - Simcoe and Collingwood				2,500,000  (287,991) (341,138) (1,250,000)			2,500,000  (287,991) (341,138) (1,250,000)	3,104	2018
Grey Road 23 Structure 023- 350: North Structure				625,000			625,000	N/A	2018
Grey Road 30 Pulverize and Pave Rehabilitation: Lower Valley Road to Grey Road 13 (30006-30007)				600,000			600,000	3,551	N/A
Normanby-Bentinck Townline Structure 900-188				1,156,626			1,156,626	N/A	N/A
Grey Road 4 Cold-In-Place Rehabilitation/Reconstructi on: Concession 2 - Grey Road 23 (4057) From Reserve - Federal Gas Tax						2,465,431  (2,100,000)	2,465,431  (2,100,000)	10,174	2020
Grey Road 4 Pulverize and Pave Rehabilitation: 1 km West of Grey Road 3 - Grey Road 3 (4022)						511,579	511,579	997	2020

PROJECT	2016 Approved Budget	2017-2021 Five Year Capital & Extra-Ordinary Expenditures					Project Length (m)	Schedule Previous 5 Year Plan	
		2017	2018	2019	2020	2021			TOTAL
Grey Road 5 Reconstruction: 1st Street West - 1st Street East (Harrison Park Entrance) (5024-5027) From Reserve - DC Category 2					800,000		800,000	611	2016
					(336,443)		(336,443)		
Grey Road 5 Reconstruction - 7th St SW to 1st Street SW (5021) From Reserve - DC Category 2					516,715		516,715	1,007	2016
					(217,307)		(217,307)		
Grey Road 9 Structure 009- 900					1,387,805		1,387,805	N/A	N/A
Grey Road 9 Rehabilitation: Melancthon-Osprey Townline - Grey Road 124 (9060-9069)					1,490,627		1,490,627	8,933	2020
Grey Road 9 Pulverize & Pave Rehabilitation: Grey Road 23 - Southgate Sideroad 13 (9032-9040) From Reserve - Transportation General					2,864,740		2,864,740	11,821	2018
					(1,025,000)		(1,025,000)		
Grey Road 9 Reconstruction: Artemesia Street - Highway 10 (9054- 9057) From Reserve - DC Category 4					420,248		420,248	819	2020
					(68,228)		(68,228)		
							(300,000)		
Grey Road 13 Pulverize and Pave: Grey Road 40 to Clark St. (13054-13060) From Reserve - Federal Gas Tax					896,695		896,695	2,365	2020
					(800,000)		(800,000)		
Grey Road 15 Reconstruction: 10th Street East - 18th Street (15015- 15024) From Reserve - DC Category 4					917,457		917,457	1,277	2020
					(227,425)		(227,425)		
Grey Road 1 Pulverize & Pave/Cold-In-Place: East Linton Sideroad - Kemble Rock Road (1042-1048)						1,108,668	1,108,668	6,664	2021
Grey Road 2 Pulverize and Pave - 18th Sideroad to 24th Sideroad (2045-2048)						795,000	795,000	3,703	N/A
Grey Road 4 Reconstruction: Highway 6 to George Street(4045-4048)						213,006	213,006	879	N/A
Grey Road 4 Pulverize and Pave Rehabilitation: Melancthon-West Limit of Ceylon - 0.6km East of West Limit of Flesherton(4072- 4078)						650,000	650,000	2,598	N/A
Grey Road 7 Pulverize and Pave Rehabilitation: 2.8 km north of Grey Road 13 to Sideroad 22B (7006,7009)						1,411,000	1,411,000	3,700	N/A
Grey Road 10 Pulverize and Pave: Highway 21 to Hepworth Partners - Boundary Road with Bruce						2,337,548	2,337,548	10,006	N/A
						(1,168,774)	(1,168,774)		

PROJECT	2016 Approved Budget	2017-2021 Five Year Capital & Extra-Ordinary Expenditures					TOTAL	Project Length (m)	Schedule Previous 5 Year Plan
		2017	2018	2019	2020	2021			
Grey Road 17 Pulverize and Pave Rehabilitation: Concession 14 to 0.9 km south of Mountain Lake Dr (17011, 17012)						361,268	361,268	4,210	N/A
Grey Road 17 Preventative Overlay: Grey Road 17A - Grey Road 170 (17005-17008)						859,404	859,404	4,698	2021
Grey Road 18 Pulverize & Pave: Grey Road 11 - Grey Road 29 (18015 - 18018) From Reserve - Federal Gas Tax						1,988,780 (1,750,000)	1,988,780 (1,750,000)	8,207	2021
Grey Road 25 Preventative Overlay: Grey Road 3 - Grey Road 10 (25003) From Reserve - Federal Gas Tax						718,909 (700,000)	718,909 (700,000)	5,408	2021
Grey Road 29 Pulverize and Pave Rehabilitation; 200m south of Church St. to Walters Falls to Holland Sydenham Townline (29006-29015)						429,000	429,000	2,849	N/A
Grey Road 40 Pulverize and Pave Rehabilitation: Grey Road 3 - Concession 8 (40012-40015) From Reserve - Federal Gas Tax						455,889 (300,000)	455,889 (300,000)	2,732	2018
Transfer to Reserve for Future Infrastructure Needs		0		325,000		250,000	575,000		
<b>NET LEVY REQUIREMENTS</b>	<b>7,292,152</b>	<b>7,778,705</b>	<b>8,262,025</b>	<b>8,738,338</b>	<b>9,201,894</b>	<b>9,664,698</b>	<b>43,645,660</b>		

Per 2016-2020 approved plan 7,363,482 8,062,907 8,829,024 9,668,016  
Net difference from 2016-2020 plan 415,223 199,118 (90,686) (466,122) 9,664,698

Total Gross Spending		13,269,746	12,291,867	14,545,865	14,276,297	13,583,472	
Development Charge Funding		(1,021,526)	(1,071,415)	(1,152,714)	(849,403)		
Provincial Grants		(324,515)	(324,515)				
Reserve Funding		(1,050,000)	(45,162)	(287,991)	(1,025,000)		
Contributions From Partners		(450,000)	(88,750)	(1,516,822)		(1,168,774)	
Federal Gas Tax Funding		(2,645,000)	(2,500,000)	(2,850,000)	(3,200,000)	(2,750,000)	
Net Levy	<b>7,292,152</b>	<b>7,778,705</b>	<b>8,262,025</b>	<b>8,738,338</b>	<b>9,201,894</b>	<b>9,664,698</b>	
% Levy Increase		6.67%	6.21%	5.77%	5.30%	5.03%	
Total Paving km		31	58	36	38	50	212
Structure Replacements		5	0	2	1	0	8



**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
<b>Gross</b>	\$600,000	\$600,000	\$600,000	\$600,000	\$600,000	<b>\$3,000,000</b>
<b>Net</b>	\$600,000	\$600,000	\$600,000	\$600,000	\$600,000	<b>\$3,000,000</b>

3. Estimated Useful Life: 15-20 years

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

Facility Name / Address	Municipality

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

Approximately 1/2 of the budget figure is typically used for spot improvements and base repairs (limited scope road repairs) for projects not in the 5 year capital plan. Also utilize approximately 1/3 of the minor capital funds for the guiderail upgrade tender released yearly. The remaining funds are typically used for limited urban area repairs, drainage improvements (ie bank erosion protection) 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
<b>Gross</b>	\$600,000	\$600,000	\$600,000	\$600,000	\$600,000	<b>\$3,000,000</b>
<b>Net</b>	\$600,000	\$600,000	\$600,000	\$600,000	\$600,000	<b>\$3,000,000</b>

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

Further deterioration of roads, which would result in higher reconstruction costs. This funding is the largest source of addressing 'now needs'. The guiderail upgrade program should protect Grey County from future liability claims.

8. Identify Sources and Amounts of Funding

	Taxation
2017	\$600,000
2018	\$600,000
2019	\$600,000
2020	\$600,000
2021	\$600,000
<b>Total</b>	<b>\$3,000,000</b>

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

Satisfies the long-term investment in county owned capital assets.

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



1. **Department / Function: Construction, Resurfacing and Minor Capital -**  
**Details of Project/Study: 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
<b>Gross</b>	\$400,000	\$400,000	\$400,000	\$400,000	\$400,000	<b>\$2,000,000</b>
<b>Net</b>	\$400,000	\$400,000	\$400,000	\$400,000	\$400,000	<b>\$2,000,000</b>

3. **Estimated Useful Life: 50-100 years**

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

Facility Name / Address	Municipality

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
<b>Gross</b>	\$200,000	\$200,000	\$200,000	\$200,000	\$200,000	<b>\$1,000,000</b>
<b>Net</b>	\$200,000	\$200,000	\$200,000	\$200,000	\$200,000	<b>\$1,000,000</b>

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
<b>Total</b>	<b>\$2,000,000</b>

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

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

1. **Department / Function: Construction, Resurfacing and Minor Capital -**  
**Details of Project/Study: 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
<b>Gross</b>	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	<b>\$2,500,000</b>
<b>Net</b>	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	<b>\$2,500,000</b>

3. **Estimated Useful Life: 80 years**

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

Facility Name / Address	Municipality

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

Grey County has 58 structures greater than 65 years old. This budget item is for the Grey County bridge crew, which completes all preventative maintenance on the structures. 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
<b>Gross</b>	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	<b>\$2,500,000</b>
<b>Net</b>	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	<b>\$2,500,000</b>

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

This ongoing maintenance is an investment in order to delay deterioration of the existing structures. This allows Grey County to defer (some of) the large capital structure replacement projects which are extremely cost prohibitive.

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

	Taxation
2017	\$500,000
2018	\$500,000
2019	\$500,000
2020	\$500,000
2021	\$500,000
<b>Total</b>	<b>\$2,500,000</b>

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

Investing in the long term health of the capital assets

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

Maintaining existing assets will reduce the long term costs to the County of Grey.

### 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.
<b>Projects are subject to change. Dates to be determined.</b>	

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
<b>Gross</b>	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	<b>\$250,000</b>
<b>Net</b>	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	<b>\$250,000</b>

3. **Estimated Useful Life:** 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
<b>Gross</b>	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	<b>\$250,000</b>
<b>Net</b>	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	<b>\$250,000</b>

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

Failure to design in advance can lead to budget inaccuracy.

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

	Taxation
2017	\$50,000
2018	\$50,000
2019	\$50,000
2020	\$50,000
2021	\$50,000
<b>Total</b>	<b>\$250,000</b>

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

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

1. Department / Function: **Construction, Resurfacing and Minor Capital -**  
Details of Project/Study: **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
<b>Gross</b>	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	<b>\$250,000</b>
<b>Net</b>	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	<b>\$250,000</b>

3. Estimated Useful Life: n/a

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

Facility Name / Address	Municipality
Various	

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

Increased analysis of the structures should lead to more accurate budgeting during design. Further structure testing could lead to more accurate service life predictions.

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

	2016	2017	2018	2019	2020	Total
<b>Gross</b>	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	<b>\$250,000</b>
<b>Net</b>	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	<b>\$250,000</b>

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

8. Identify Sources and Amounts of Funding

	Taxation	From Reserve - Transportation General
2017	\$50,000	\$0
2018	\$50,000	\$0
2019	\$50,000	\$0
2020	\$50,000	\$0
2021	\$50,000	\$0
<b>Total</b>	<b>\$250,000</b>	<b>\$0</b>

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

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

1. **Department / Function: 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
<b>Gross</b>	\$310,000	\$320,000	\$330,000	\$330,000	\$330,000	<b>\$1,620,000</b>
<b>Net</b>	\$310,000	\$320,000	\$330,000	\$330,000	\$330,000	<b>\$1,620,000</b>

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
<b>Gross</b>	\$300,000	\$300,000	\$300,000	\$300,000	\$300,000	<b>\$1,500,000</b>
<b>Net</b>	\$300,000	\$300,000	\$300,000	\$300,000	\$300,000	<b>\$1,500,000</b>

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

Typically the ongoing activities of the Engineering Department to carry on the daily business of 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
<b>Total</b>	<b>\$1,620,000</b>

**9. Compliance with Council objective/strategic plan (if applicable):**  
Aligns with the County goal to increase the level of customer service.

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

1. Department / Function: **Construction, Resurfacing and Minor Capital - 2016**

Details of Project/Study: **Traffic Signal Upgrades**

2. Total Gross Cost of Proposed Capital Project/Study: \$375,000

Construction	Consultant/Contractor	Equipment	Other (Specify)
	\$375,000		

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

	2017	2018	2019	2020	2021	Total
<b>Gross</b>	\$75,000	\$75,000	\$75,000	\$75,000	\$75,000	<b>\$375,000</b>
<b>Net</b>	\$75,000	\$75,000	\$75,000	\$75,000	\$75,000	<b>\$375,000</b>

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):

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

	2016	2017	2018	2019	2020	Total
<b>Gross</b>	\$0	\$0	\$0	\$0	\$0	<b>\$0</b>
<b>Net</b>	\$0	\$0	\$0	\$0	\$0	<b>\$0</b>

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

8. Identify Sources and Amounts of Funding

	Taxation
2017	\$75,000
2018	\$75,000
2019	\$75,000
2020	\$75,000
2021	\$75,000
<b>Total</b>	<b>\$375,000</b>

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

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



**1. Department / Function: Construction, Resurfacing and Minor Capital - 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
<b>Gross</b>	\$683,993	\$0	\$0	\$0	\$0	<b>\$683,993</b>
<b>Net</b>	\$564,495	\$0	\$0	\$0	\$0	<b>\$564,495</b>

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

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

Facility Name / Address	Municipality

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

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
<b>Gross</b>	\$0	\$0	\$0	\$0	\$0	<b>\$0</b>
<b>Net</b>	\$0	\$0	\$0	\$0	\$0	<b>\$0</b>

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

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
<b>Total</b>	<b>\$119,498</b>	<b>\$564,495</b>

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

This intersection contributes to a large economic driver for Georgian Bluffs and Chatsworth (Keady Market).

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

**1. Department / Function: Construction, Resurfacing and Minor Capital - 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
<b>Gross</b>	\$150,000	\$0	\$0	\$0	\$0	<b>\$150,000</b>
<b>Net</b>	\$150,000	\$0	\$0	\$0	\$0	<b>\$150,000</b>

**3. Estimated Useful Life: 15 years**

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

Facility Name / Address	Municipality

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

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
<b>Gross</b>	\$0	\$0	\$0	\$0	\$0	<b>\$0</b>
<b>Net</b>	\$0	\$0	\$0	\$0	\$0	<b>\$0</b>

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

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
<b>Total</b>	<b>\$150,000</b>

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

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

**1. Department / Function: Construction, Resurfacing and Minor Capital - 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
<b>Gross</b>	\$900,000	\$0	\$0	\$0	\$0	<b>\$900,000</b>
<b>Net</b>	\$0	\$0	\$0	\$0	\$0	<b>\$0</b>

**3. Estimated Useful Life: 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
<b>Gross</b>	\$900,000	\$0	\$0	\$0	\$0	<b>\$900,000</b>
<b>Net</b>	\$450,000	\$0	\$0	\$0	\$0	<b>\$450,000</b>

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

Potential safety concerns if the structure is not replaced. Grey Road 10 is a key north south transportation route.

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

	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
<b>Total</b>	<b>\$0</b>	<b>\$450,000</b>	<b>\$450,000</b>

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

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

**1. Department / Function: Construction, Resurfacing and Minor Capital - 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
<b>Gross</b>	\$1,621,724	\$0	\$0	\$0	\$0	<b>\$1,621,724</b>
<b>Net</b>	\$395,181	\$0	\$0	\$0	\$0	<b>\$395,181</b>

**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
<b>Gross</b>	\$1,149,252	\$0	\$0	\$0	\$0	<b>\$1,149,252</b>
<b>Net</b>	\$10,049	\$0	\$0	\$0	\$0	<b>\$10,049</b>

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

Road deterioration will lead to increased maintenance costs and possible safety issues.

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

	From Reserve - DC Category 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
<b>Total</b>	<b>\$902,028</b>	<b>\$395,181</b>	<b>\$324,515</b>

**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):**

**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
<b>Gross</b>	\$1,161,279	\$0	\$0	\$0	\$0	<b>\$1,161,279</b>
<b>Net</b>	\$1,161,279	\$0	\$0	\$0	\$0	<b>\$1,161,279</b>

**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
<b>Gross</b>	\$825,000	\$0	\$0	\$0	\$0	<b>\$825,000</b>
<b>Net</b>	\$825,000	\$0	\$0	\$0	\$0	<b>\$825,000</b>

**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
<b>Total</b>	<b>\$1,161,279</b>

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

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



**1. Department / Function: Construction, Resurfacing and Minor Capital - 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
<b>Gross</b>	\$1,897,177	\$0	\$0	\$0	\$0	<b>\$1,897,177</b>
<b>Net</b>	\$597,177	\$0	\$0	\$0	\$0	<b>\$597,177</b>

**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
<b>Gross</b>	\$0	\$0	\$0	\$1,745,584	\$0	<b>\$1,745,584</b>
<b>Net</b>	\$0	\$0	\$0	\$445,584	\$0	<b>\$445,584</b>

**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
<b>Total</b>	<b>\$1,300,000</b>	<b>\$597,177</b>

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

Investing in Grey County assets.

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

**1. Department / Function: Construction, Resurfacing and Minor Capital - 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
<b>Gross</b>	\$1,094,000	\$0	\$0	\$0	\$0	<b>\$1,094,000</b>
<b>Net</b>	\$1,094,000	\$0	\$0	\$0	\$0	<b>\$1,094,000</b>

**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
<b>Gross</b>	\$0	\$812,900	\$0	\$0	\$0	<b>\$812,900</b>
<b>Net</b>	\$0	\$812,900	\$0	\$0	\$0	<b>\$812,900</b>

**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
<b>Total</b>	<b>\$1,094,000</b>

**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):**

**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
<b>Gross</b>	\$2,500,000	\$0	\$0	\$0	\$0	<b>\$2,500,000</b>
<b>Net</b>	\$1,155,000	\$0	\$0	\$0	\$0	<b>\$1,155,000</b>

**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
<b>Gross</b>	\$1,084,380	\$0	\$0	\$0	\$0	<b>\$1,084,380</b>
<b>Net</b>	\$84,380	\$0	\$0	\$0	\$0	<b>\$84,380</b>

**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
<b>Total</b>	<b>\$600,000</b>	<b>\$745,000</b>	<b>\$1,155,000</b>

**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):**

**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
<b>Gross</b>	\$1,276,573	\$0	\$0	\$0	\$0	<b>\$1,276,573</b>
<b>Net</b>	\$676,573	\$0	\$0	\$0	\$0	<b>\$676,573</b>

**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
<b>Gross</b>	\$0	\$0	\$0	\$0	\$1,377,447	<b>\$1,377,447</b>
<b>Net</b>	\$0	\$0	\$0	\$0	\$177,447	<b>\$177,447</b>

**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
<b>Total</b>	<b>\$676,573</b>	<b>\$600,000</b>

**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):**

**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
<b>Gross</b>	\$0	\$163,813	\$0	\$0	\$0	<b>\$163,813</b>
<b>Net</b>	\$0	\$163,813	\$0	\$0	\$0	<b>\$163,813</b>

**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
<b>Gross</b>	\$0	\$0	\$0	\$100,000	\$0	<b>\$100,000</b>
<b>Net</b>	\$0	\$0	\$0	\$100,000	\$0	<b>\$100,000</b>

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

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
<b>Total</b>	<b>\$163,813</b>

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

Investment in Grey County assets.

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



**1. Department / Function: Construction, Resurfacing and Minor Capital - 2018**

**Details of Project/Study: Grey Road 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
<b>Gross</b>	\$0	\$146,753	\$0	\$0	\$0	<b>\$146,753</b>
<b>Net</b>	\$0	\$101,591	\$0	\$0	\$0	<b>\$101,591</b>

**3. Estimated Useful Life: 15 years**

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

Facility Name / Address	Municipality

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

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
<b>Gross</b>	\$0	\$0	\$0	\$0	\$0	<b>\$0</b>
<b>Net</b>	\$0	\$0	\$0	\$0	\$0	<b>\$0</b>

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

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
<b>Total</b>	<b>\$101,591</b>	<b>\$45,162</b>

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

Continue to work with the municipalities and invest in Grey County Assets.

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

**1. Department / Function: Construction, Resurfacing and Minor Capital - 2018**

Details of Project/Study: **Grey Road 10: 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
<b>Gross</b>	\$0	\$177,500	\$0	\$0	\$0	<b>\$177,500</b>
<b>Net</b>	\$0	\$88,750	\$0	\$0	\$0	<b>\$88,750</b>

**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
<b>Gross</b>	\$0	\$0	\$191,700	\$0	\$0	<b>\$191,700</b>
<b>Net</b>	\$0	\$0	\$95,850	\$0	\$0	<b>\$95,850</b>

**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
<b>Total</b>	<b>\$88,750</b>	<b>\$88,750</b>

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

Investing in Grey County assets.

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

**1. Department / Function: Construction, Resurfacing and Minor Capital - 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
<b>Gross</b>	\$0	\$369,039	\$0	\$0	\$0	<b>\$369,039</b>
<b>Net</b>	\$0	\$369,039	\$0	\$0	\$0	<b>\$369,039</b>

**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
<b>Gross</b>	\$0	\$0	\$369,039	\$0	\$0	<b>\$369,039</b>
<b>Net</b>	\$0	\$0	\$369,039	\$0	\$0	<b>\$369,039</b>

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

Road deterioration will lead to increased maintenance costs and possible safety issues.

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

	Taxation
2017	\$0
2018	\$369,039
2019	\$0
2020	\$0
2021	\$0
<b>Total</b>	<b>\$369,039</b>

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

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

**1. Department / Function: Construction, Resurfacing and Minor Capital - 2018**

Details of Project/Study: **Grey Road 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
<b>Gross</b>	\$0	\$500,000	\$0	\$0	\$0	<b>\$500,000</b>
<b>Net</b>	\$0	\$500,000	\$0	\$0	\$0	<b>\$500,000</b>

**3. Estimated Useful Life: 15 years**

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

Facility Name / Address	Municipality

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

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
<b>Gross</b>	\$0	\$0	\$0	\$0	\$0	<b>\$0</b>
<b>Net</b>	\$0	\$0	\$0	\$0	\$0	<b>\$0</b>

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

Will 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
<b>Total</b>	<b>\$500,000</b>

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

Working with municipal partners.

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

**1. Department / Function: Construction, Resurfacing and Minor Capital - 2018**

**Details of Project/Study: Grey Road 16 Pulverize & Pave Rehabilitation: 530m East of Grey Road 3 - Concession 5/6 (16012-16015)**

**2. Total Gross Cost of Proposed Capital Project/Study: \$1,106,915**

Construction	Consultant/Contractor	Equipment	Other (Specify)
	\$1,106,915		

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

	2017	2018	2019	2020	2021	Total
<b>Gross</b>	\$0	\$1,106,915	\$0	\$0	\$0	<b>\$1,106,915</b>
<b>Net</b>	\$0	\$406,915	\$0	\$0	\$0	<b>\$406,915</b>

**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
<b>Gross</b>	\$0	\$1,072,862	\$0	\$0	\$0	<b>\$1,072,862</b>
<b>Net</b>	\$0	\$897,862	\$0	\$0	\$0	<b>\$897,862</b>

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

Road deterioration will lead to increased maintenance costs and possible safety issues.

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

	From Reserve - Federal Gas Tax	Taxation
2017	\$0	\$0
2018	\$700,000	\$406,915
2019	\$0	\$0
2020	\$0	\$0
2021	\$0	\$0
<b>Total</b>	<b>\$700,000</b>	<b>\$406,915</b>

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

Investing in County assets.

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

**1. Department / Function: Construction, Resurfacing and Minor Capital - 2018**

Details of Project/Study: **Grey Road 17 Pulverize & Pave Rehabilitation: 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
<b>Gross</b>	\$0	\$2,654,058	\$0	\$0	\$0	<b>\$2,654,058</b>
<b>Net</b>	\$0	\$854,058	\$0	\$0	\$0	<b>\$854,058</b>

**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
<b>Gross</b>	\$0	\$2,441,987	\$0	\$0	\$0	<b>\$2,441,987</b>
<b>Net</b>	\$0	\$937,472	\$0	\$0	\$0	<b>\$937,472</b>

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

Road deterioration will lead to increased maintenance costs and possible safety issues. Design to implement fully paved shoulders to increase active transportation alternatives and reduce maintenance.

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

	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
<b>Total</b>	<b>\$1,800,000</b>	<b>\$854,058</b>	<b>\$0</b>	<b>\$0</b>



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

Adheres to the active transportation initiative and investments in Grey County Assets

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

**1. Department / Function: Construction, Resurfacing and Minor Capital - 2018**

Details of Project/Study: **Grey Road 32 Pulverize & Pave  
Rehabilitation/Reconstruction: Highway 10 - Grey  
Road 30 (32003-32006)**

**2. Total Gross Cost of Proposed Capital Project/Study: \$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
<b>Gross</b>	\$0	\$1,382,925	\$0	\$0	\$0	<b>\$1,382,925</b>
<b>Net</b>	\$0	\$966,737	\$0	\$0	\$0	<b>\$966,737</b>

**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
<b>Gross</b>	\$0	\$0	\$1,272,423	\$0	\$0	<b>\$1,272,423</b>
<b>Net</b>	\$0	\$0	\$1,272,423	\$0	\$0	<b>\$1,272,423</b>

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

Road deterioration will lead to increased maintenance costs and possible safety issues.

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

	Taxation	From Reserve - 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
<b>Total</b>	<b>\$966,737</b>	<b>\$91,673</b>	<b>\$324,515</b>

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

Maintaining Grey County's assets.

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

**1. Department / Function: Construction, Resurfacing and Minor Capital - 2018**

**Details of Project/Study: Grey Road 40 Pulverize & Pave: 700m east of Veterans Way north to Grey Road 12 (40036-40051)**

**2. Total Gross Cost of Proposed Capital Project/Study: \$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
<b>Gross</b>	\$0	\$2,868,805	\$0	\$0	\$0	<b>\$2,868,805</b>
<b>Net</b>	\$0	\$1,889,063	\$0	\$0	\$0	<b>\$1,889,063</b>

**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
<b>Gross</b>	\$0	\$0	\$0	\$1,677,018	\$0	<b>\$1,677,018</b>
<b>Net</b>	\$0	\$0	\$0	\$1,677,018	\$0	<b>\$1,677,018</b>

**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
<b>Total</b>	<b>\$1,889,063</b>	<b>\$979,742</b>

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

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

**1. Department / Function: Construction, Resurfacing and Minor Capital - 2018**

Details of Project/Study: **Grey Road 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
<b>Gross</b>	\$0	\$927,059	\$0	\$0	\$0	<b>\$927,059</b>
<b>Net</b>	\$0	\$927,059	\$0	\$0	\$0	<b>\$927,059</b>

**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
<b>Gross</b>	\$0	\$852,983	\$0	\$0	\$0	<b>\$852,983</b>
<b>Net</b>	\$0	\$852,983	\$0	\$0	\$0	<b>\$852,983</b>

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

Road deterioration will lead to increased maintenance costs and possible safety issues.

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

	Taxation
2017	\$0
2018	\$927,059
2019	\$0
2020	\$0
2021	\$0
<b>Total</b>	<b>\$927,059</b>

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

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

**1. Department / Function: Construction, Resurfacing and Minor Capital - 2019**

**Details of Project/Study: Grey Road 2 Pulverize & Pave Rehabilitation: Grey Road 19 - Grey Road 119 (2030-2036)**

**2. Total Gross Cost of Proposed Capital Project/Study: \$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
<b>Gross</b>	\$0	\$0	\$731,174	\$0	\$0	<b>\$731,174</b>
<b>Net</b>	\$0	\$0	\$131,174	\$0	\$0	<b>\$131,174</b>

**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
<b>Gross</b>	\$0	\$0	\$731,174	\$0	\$0	<b>\$731,174</b>
<b>Net</b>	\$0	\$0	\$731,174	\$0	\$0	<b>\$731,174</b>

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

Road deterioration will lead to increased maintenance costs and possible safety issues.

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

	Taxation	From Reserve - Federal Gas Tax
2017	\$0	\$0
2018	\$0	\$0
2019	\$131,174	\$600,000
2020	\$0	\$0
2021	\$0	\$0
<b>Total</b>	<b>\$131,174</b>	<b>\$600,000</b>

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

Paved shoulders will complete a missing link in the active transportation network.

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



**1. Department / Function: Construction, Resurfacing and Minor Capital - 2019**

Details of Project/Study: **Grey Road 3 Pulverize & 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
<b>Gross</b>	\$0	\$0	\$282,598	\$0	\$0	<b>\$282,598</b>
<b>Net</b>	\$0	\$0	\$282,598	\$0	\$0	<b>\$282,598</b>

**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
<b>Gross</b>	\$0	\$0	\$0	\$282,598	\$0	<b>\$282,598</b>
<b>Net</b>	\$0	\$0	\$0	\$282,598	\$0	<b>\$282,598</b>

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

Road deterioration will lead to increased maintenance costs and possible safety issues.

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

	Taxation
2017	\$0
2018	\$0
2019	\$282,598
2020	\$0
2021	\$0
<b>Total</b>	<b>\$282,598</b>

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

Investment in Grey County assets.

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

**1. Department / Function: Construction, Resurfacing and Minor Capital - 2019**

**Details of Project/Study: Grey Road 3 Pulverize 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
<b>Gross</b>	\$0	\$0	\$572,189	\$0	\$0	<b>\$572,189</b>
<b>Net</b>	\$0	\$0	\$572,189	\$0	\$0	<b>\$572,189</b>

**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
<b>Gross</b>	\$0	\$0	\$0	\$0	\$0	<b>\$0</b>
<b>Net</b>	\$0	\$0	\$0	\$0	\$0	<b>\$0</b>

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

Continued deterioration, increased maintenance costs.

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

	Taxation
2017	\$0
2018	\$0
2019	\$572,189
2020	\$0
2021	\$0
<b>Total</b>	<b>\$572,189</b>

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

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

**1. Department / Function: Construction, Resurfacing and Minor Capital - 2019**

Details of Project/Study: **Grey Road 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
<b>Gross</b>	\$0	\$0	\$100,121	\$0	\$0	<b>\$100,121</b>
<b>Net</b>	\$0	\$0	\$100,121	\$0	\$0	<b>\$100,121</b>

**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
<b>Gross</b>	\$0	\$0	\$0	\$75,342	\$0	<b>\$75,342</b>
<b>Net</b>	\$0	\$0	\$0	\$75,342	\$0	<b>\$75,342</b>

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

Road deterioration will lead to increased maintenance costs and possible safety issues.

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

	Taxation
2017	\$0
2018	\$0
2019	\$100,121
2020	\$0
2021	\$0
<b>Total</b>	<b>\$100,121</b>

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

Investing in Grey County assets.

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

**1. Department / Function: Construction, Resurfacing and Minor Capital - 2019**

Details of Project/Study: **Grey Road 7 Pulverize & Pave Rehabilitation: Grey Road 40 - 4 Sideroad (7015-7018)**

**2. Total Gross Cost of Proposed Capital Project/Study: \$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
<b>Gross</b>	\$0	\$0	\$793,813	\$0	\$0	<b>\$793,813</b>
<b>Net</b>	\$0	\$0	\$793,813	\$0	\$0	<b>\$793,813</b>

**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
<b>Gross</b>	\$0	\$0	\$367,447	\$0	\$0	<b>\$367,447</b>
<b>Net</b>	\$0	\$0	\$367,447	\$0	\$0	<b>\$367,447</b>

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

Road deterioration will lead to increased maintenance costs and possible safety issues.

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

	Taxation
2017	\$0
2018	\$0
2019	\$793,813
2020	\$0
2021	\$0
<b>Total</b>	<b>\$793,813</b>

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

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

**1. Department / Function: Construction, Resurfacing and Minor Capital - 2019**

**Details of Project/Study: Grey Road 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
<b>Gross</b>	\$0	\$0	\$533,643	\$0	\$0	<b>\$533,643</b>
<b>Net</b>	\$0	\$0	\$226,090	\$0	\$0	<b>\$226,090</b>

**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
<b>Gross</b>	\$0	\$0	\$0	\$831,992	\$0	<b>\$831,992</b>
<b>Net</b>	\$0	\$0	\$0	\$352,914	\$0	<b>\$352,914</b>

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

Road deterioration will lead to increased maintenance costs and possible safety issues.

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

	Partners - 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
<b>Total</b>	<b>\$266,822</b>	<b>\$40,731</b>	<b>\$226,090</b>

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

Investing in Grey County Assets.

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

**1. Department / Function: Construction, Resurfacing and Minor Capital - 2019**

Details of Project/Study: **Grey Road 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
<b>Gross</b>	\$0	\$0	\$107,462	\$0	\$0	<b>\$107,462</b>
<b>Net</b>	\$0	\$0	\$107,462	\$0	\$0	<b>\$107,462</b>

**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
<b>Gross</b>	\$0	\$0	\$0	\$98,875	\$0	<b>\$98,875</b>
<b>Net</b>	\$0	\$0	\$0	\$98,875	\$0	<b>\$98,875</b>

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

Road deterioration will lead to increased maintenance costs and possible safety issues.

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

	Taxation
2017	\$0
2018	\$0
2019	\$107,462
2020	\$0
2021	\$0
<b>Total</b>	<b>\$107,462</b>

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

Important economic truck and quarry route for commercial traffic.

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

**1. Department / Function: Construction, Resurfacing and Minor Capital - 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
<b>Gross</b>	\$0	\$0	\$438,772	\$0	\$0	<b>\$438,772</b>
<b>Net</b>	\$0	\$0	\$438,772	\$0	\$0	<b>\$438,772</b>

**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
<b>Gross</b>	\$0	\$0	\$0	\$313,998	\$0	<b>\$313,998</b>
<b>Net</b>	\$0	\$0	\$0	\$313,998	\$0	<b>\$313,998</b>

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

Road deterioration will lead to increased maintenance costs and possible safety issues.

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

	Taxation
2017	\$0
2018	\$0
2019	\$438,772
2020	\$0
2021	\$0
<b>Total</b>	<b>\$438,772</b>



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

Investing in Grey County assets.

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

**1. Department / Function: Construction, Resurfacing and Minor Capital - 2019**

**Details of Project/Study: Grey Road 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
<b>Gross</b>	\$0	\$0	\$1,163,935	\$0	\$0	<b>\$1,163,935</b>
<b>Net</b>	\$0	\$0	\$313,833	\$0	\$0	<b>\$313,833</b>

**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
<b>Gross</b>	\$0	\$0	\$0	\$1,070,563	\$0	<b>\$1,070,563</b>
<b>Net</b>	\$0	\$0	\$0	\$470,563	\$0	<b>\$470,563</b>

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

Road deterioration will lead to increased maintenance costs and possible safety issues.

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

	From Reserve - Federal Gas Tax	Taxation	From Reserve - DC Category 2
2017	\$0	\$0	\$0
2018	\$0	\$0	\$0
2019	\$750,000	\$313,833	\$100,102
2020	\$0	\$0	\$0
2021	\$0	\$0	\$0
<b>Total</b>	<b>\$750,000</b>	<b>\$313,833</b>	<b>\$100,102</b>

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

Investment in County assets and paved shoulders to improve the active transportation network.

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

**1. Department / Function: Construction, Resurfacing and Minor Capital - 2019**

**Details of Project/Study: Grey Road 16 Pulverize & Pave Rehabilitation: Grey Road 10 - 300m west of Grey Road 3 (16003)**

**2. Total Gross Cost of Proposed Capital Project/Study: \$1,208,166**

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
<b>Gross</b>	\$0	\$0	\$1,208,166	\$0	\$0	<b>\$1,208,166</b>
<b>Net</b>	\$0	\$0	\$208,166	\$0	\$0	<b>\$208,166</b>

**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
<b>Gross</b>	\$0	\$0	\$1,075,143	\$0	\$0	<b>\$1,075,143</b>
<b>Net</b>	\$0	\$0	\$1,050,229	\$0	\$0	<b>\$1,050,229</b>

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

Road deterioration will lead to increased maintenance costs and possible safety issues.

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

	From Reserve - Federal Gas Tax	Taxation
2017	\$0	\$0
2018	\$0	\$0
2019	\$1,000,000	\$208,166
2020	\$0	\$0
2021	\$0	\$0
<b>Total</b>	<b>\$1,000,000</b>	<b>\$208,166</b>

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

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

**1. Department / Function: Construction, Resurfacing and Minor Capital - 2019**

Details of Project/Study: **Grey Road 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
<b>Gross</b>	\$0	\$0	\$1,402,366	\$0	\$0	<b>\$1,402,366</b>
<b>Net</b>	\$0	\$0	\$231,623	\$0	\$0	<b>\$231,623</b>

**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
<b>Gross</b>	\$0	\$0	\$0	\$0	\$0	<b>\$0</b>
<b>Net</b>	\$0	\$0	\$0	\$0	\$0	<b>\$0</b>

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

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
<b>Total</b>	<b>\$231,623</b>	<b>\$670,743</b>	<b>\$500,000</b>

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

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

**1. Department / Function: Construction, Resurfacing and Minor Capital - 2019**

**Details of Project/Study: Grey Road 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
<b>Gross</b>	\$0	\$0	\$2,500,000	\$0	\$0	<b>\$2,500,000</b>
<b>Net</b>	\$0	\$0	\$620,871	\$0	\$0	<b>\$620,871</b>

**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
<b>Gross</b>	\$0	\$0	\$1,387,981	\$0	\$0	<b>\$1,387,981</b>
<b>Net</b>	\$0	\$0	\$30,999	\$0	\$0	<b>\$30,999</b>

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

Road deterioration will lead to increased maintenance costs and possible safety issues.

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

	Partners - 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
<b>Total</b>	<b>\$1,250,000</b>	<b>\$287,991</b>	<b>\$341,138</b>	<b>\$620,871</b>



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

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

**1. Department / Function: Construction, Resurfacing and Minor Capital - 2019**

**Details of Project/Study: Grey Road 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
<b>Gross</b>	\$0	\$0	\$625,000	\$0	\$0	<b>\$625,000</b>
<b>Net</b>	\$0	\$0	\$625,000	\$0	\$0	<b>\$625,000</b>

**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
<b>Gross</b>	\$0	\$0	\$625,000	\$0	\$0	<b>\$625,000</b>
<b>Net</b>	\$0	\$0	\$625,000	\$0	\$0	<b>\$625,000</b>

**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
<b>Total</b>	<b>\$625,000</b>

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

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

**1. Department / Function: Construction, Resurfacing and Minor Capital - 2019**

**Details of Project/Study: Grey Road 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
<b>Gross</b>	\$0	\$0	\$600,000	\$0	\$0	<b>\$600,000</b>
<b>Net</b>	\$0	\$0	\$600,000	\$0	\$0	<b>\$600,000</b>

**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
<b>Gross</b>	\$0	\$0	\$0	\$0	\$0	<b>\$0</b>
<b>Net</b>	\$0	\$0	\$0	\$0	\$0	<b>\$0</b>

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

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
<b>Total</b>	<b>\$600,000</b>

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

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

**1. Department / Function: Construction, Resurfacing and Minor Capital - 2019**

Details of Project/Study: **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
<b>Gross</b>	\$0	\$0	\$1,156,626	\$0	\$0	<b>\$1,156,626</b>
<b>Net</b>	\$0	\$0	\$1,156,626	\$0	\$0	<b>\$1,156,626</b>

**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
<b>Gross</b>	\$0	\$0	\$0	\$0	\$0	<b>\$0</b>
<b>Net</b>	\$0	\$0	\$0	\$0	\$0	<b>\$0</b>

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

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
<b>Total</b>	<b>\$1,156,626</b>

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

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

**1. Department / Function: Construction, Resurfacing and Minor Capital - 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
<b>Gross</b>	\$0	\$0	\$0	\$2,465,431	\$0	<b>\$2,465,431</b>
<b>Net</b>	\$0	\$0	\$0	\$365,431	\$0	<b>\$365,431</b>

**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
<b>Gross</b>	\$0	\$0	\$0	\$0	\$2,465,431	<b>\$2,465,431</b>
<b>Net</b>	\$0	\$0	\$0	\$0	\$2,465,431	<b>\$2,465,431</b>

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

Road deterioration will lead to increased maintenance costs and possible safety issues.

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

	From Reserve - Federal Gas Tax	Taxation
2017	\$0	\$0
2018	\$0	\$0
2019	\$0	\$0
2020	\$2,100,000	\$365,431
2021	\$0	\$0
<b>Total</b>	<b>\$2,100,000</b>	<b>\$365,431</b>

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

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

**1. Department / Function: Construction, Resurfacing and Minor Capital - 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
<b>Gross</b>	\$0	\$0	\$0	\$511,579	\$0	<b>\$511,579</b>
<b>Net</b>	\$0	\$0	\$0	\$511,579	\$0	<b>\$511,579</b>

**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
<b>Gross</b>	\$0	\$0	\$0	\$0	\$285,602	<b>\$285,602</b>
<b>Net</b>	\$0	\$0	\$0	\$0	\$285,602	<b>\$285,602</b>

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

Road deterioration will lead to increased maintenance costs and possible safety issues.

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

	Taxation
2017	\$0
2018	\$0
2019	\$0
2020	\$511,579
2021	\$0
<b>Total</b>	<b>\$511,579</b>

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

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

**1. Department / Function: Construction, Resurfacing and Minor Capital - 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
<b>Gross</b>	\$0	\$0	\$0	\$800,000	\$0	<b>\$800,000</b>
<b>Net</b>	\$0	\$0	\$0	\$463,557	\$0	<b>\$463,557</b>

**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
<b>Gross</b>	\$475,000	\$0	\$0	\$0	\$0	<b>\$475,000</b>
<b>Net</b>	\$275,237	\$0	\$0	\$0	\$0	<b>\$275,237</b>

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

Road deterioration will lead to increased maintenance costs and possible safety issues. The slope should be stabilized.

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

	From Reserve - DC Category 2	Taxation
2017	\$0	\$0
2018	\$0	\$0
2019	\$0	\$0
2020	\$336,443	\$463,557
2021	\$0	\$0



<b>Total</b>	<b>\$336,443</b>	<b>\$463,557</b>
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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):**

**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
<b>Gross</b>	\$0	\$0	\$0	\$516,715	\$0	<b>\$516,715</b>
<b>Net</b>	\$0	\$0	\$0	\$299,408	\$0	<b>\$299,408</b>

**3. Estimated Useful Life: 18 years**

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

Facility Name / Address	Municipality

**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
<b>Gross</b>	\$0	\$0	\$0	\$0	\$0	<b>\$0</b>
<b>Net</b>	\$0	\$0	\$0	\$0	\$0	<b>\$0</b>

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

Road will 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
<b>Total</b>	<b>\$217,307</b>	<b>\$299,408</b>

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

Investing in the Grey County capital assets.

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

**1. Department / Function: Construction, Resurfacing and Minor Capital - 2020**

Details of Project/Study: **Grey Road 9 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
<b>Gross</b>	\$0	\$0	\$0	\$1,387,805	\$0	<b>\$1,387,805</b>
<b>Net</b>	\$0	\$0	\$0	\$1,387,805	\$0	<b>\$1,387,805</b>

**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
<b>Gross</b>	\$0	\$0	\$0	\$0	\$0	<b>\$0</b>
<b>Net</b>	\$0	\$0	\$0	\$0	\$0	<b>\$0</b>

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

Safety concerns if not addressed.

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

	Taxation
2017	\$0
2018	\$0
2019	\$0
2020	\$1,387,805
2021	\$0
<b>Total</b>	<b>\$1,387,805</b>

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

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

**1. Department / Function: Construction, Resurfacing and Minor Capital - 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
<b>Gross</b>	\$0	\$0	\$0	\$1,490,627	\$0	<b>\$1,490,627</b>
<b>Net</b>	\$0	\$0	\$0	\$1,490,627	\$0	<b>\$1,490,627</b>

**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
<b>Gross</b>	\$0	\$0	\$0	\$0	\$154,033	<b>\$154,033</b>
<b>Net</b>	\$0	\$0	\$0	\$0	\$154,033	<b>\$154,033</b>

**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
<b>Total</b>	<b>\$1,490,627</b>

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

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

**1. Department / Function: Construction, Resurfacing and Minor Capital - 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
<b>Gross</b>	\$0	\$0	\$0	\$2,864,740	\$0	<b>\$2,864,740</b>
<b>Net</b>	\$0	\$0	\$0	\$1,839,740	\$0	<b>\$1,839,740</b>

**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
<b>Gross</b>	\$0	\$0	\$2,864,740	\$0	\$0	<b>\$2,864,740</b>
<b>Net</b>	\$0	\$0	\$494,740	\$0	\$0	<b>\$494,740</b>

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

Road deterioration will lead to increased maintenance costs and possible safety issues.

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

	From Reserve - Transportation General	Taxation
2017	\$0	\$0
2018	\$0	\$0
2019	\$0	\$0
2020	\$1,025,000	\$1,839,740
2021	\$0	\$0
<b>Total</b>	<b>\$1,025,000</b>	<b>\$1,839,740</b>

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

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

**1. Department / Function: Construction, Resurfacing and Minor Capital - 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
<b>Gross</b>	\$0	\$0	\$0	\$420,248	\$0	<b>\$420,248</b>
<b>Net</b>	\$0	\$0	\$0	\$52,020	\$0	<b>\$52,020</b>

**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
<b>Gross</b>	\$0	\$0	\$0	\$1,400,000	\$0	<b>\$1,400,000</b>
<b>Net</b>	\$0	\$0	\$0	\$725,000	\$0	<b>\$725,000</b>

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

Road deterioration will lead to increased maintenance costs and possible safety issues.

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

	From Reserve - DC Category 4	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
<b>Total</b>	<b>\$68,228</b>	<b>\$300,000</b>	<b>\$52,020</b>

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

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

**1. Department / Function: Construction, Resurfacing and Minor Capital - 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
<b>Gross</b>	\$0	\$0	\$0	\$896,695	\$0	<b>\$896,695</b>
<b>Net</b>	\$0	\$0	\$0	\$96,695	\$0	<b>\$96,695</b>

**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
<b>Gross</b>	\$0	\$0	\$0	\$0	\$896,695	<b>\$896,695</b>
<b>Net</b>	\$0	\$0	\$0	\$0	\$96,695	<b>\$96,695</b>

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

Road deterioration will lead to increased maintenance costs and possible safety issues.

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

	Taxation	From Reserve - Federal Gas Tax
2017	\$0	\$0
2018	\$0	\$0
2019	\$0	\$0
2020	\$96,695	\$800,000
2021	\$0	\$0
<b>Total</b>	<b>\$96,695</b>	<b>\$800,000</b>

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

Investment in Grey County assets.

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



**1. Department / Function: Construction, Resurfacing and Minor Capital - 2020**

Details of Project/Study: **Grey Road 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
<b>Gross</b>	\$0	\$0	\$0	\$917,457	\$0	<b>\$917,457</b>
<b>Net</b>	\$0	\$0	\$0	\$690,032	\$0	<b>\$690,032</b>

**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
<b>Gross</b>	\$0	\$0	\$0	\$1,277,132	\$0	<b>\$1,277,132</b>
<b>Net</b>	\$0	\$0	\$0	\$1,027,132	\$0	<b>\$1,027,132</b>

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

Maintenance costs will increase and ride will continue to be compromised.

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

	From Reserve - DC Category 4	Taxation
2017	\$0	\$0
2018	\$0	\$0
2019	\$0	\$0
2020	\$227,425	\$690,032
2021	\$0	\$0
<b>Total</b>	<b>\$227,425</b>	<b>\$690,032</b>

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

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

**1. Department / Function: Construction, Resurfacing and Minor Capital - 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
<b>Gross</b>	\$0	\$0	\$0	\$0	\$1,108,668	<b>\$1,108,668</b>
<b>Net</b>	\$0	\$0	\$0	\$0	\$1,108,668	<b>\$1,108,668</b>

**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
<b>Gross</b>	\$0	\$0	\$0	\$0	\$660,452	<b>\$660,452</b>
<b>Net</b>	\$0	\$0	\$0	\$0	\$660,452	<b>\$660,452</b>

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

Road deterioration will lead to increased maintenance costs and possible safety issues.

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

	Taxation
2017	\$0
2018	\$0
2019	\$0
2020	\$0
2021	\$1,108,668
<b>Total</b>	<b>\$1,108,668</b>

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

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

**1. Department / Function: Construction, Resurfacing and Minor Capital - 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
<b>Gross</b>	\$0	\$0	\$0	\$0	\$795,000	<b>\$795,000</b>
<b>Net</b>	\$0	\$0	\$0	\$0	\$795,000	<b>\$795,000</b>

**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
<b>Gross</b>	\$0	\$0	\$0	\$0	\$0	<b>\$0</b>
<b>Net</b>	\$0	\$0	\$0	\$0	\$0	<b>\$0</b>

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

Failure 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
<b>Total</b>	<b>\$795,000</b>

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

Improving the active transportation network and investing in Grey County assets.

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

**1. Department / Function: Construction, Resurfacing and Minor Capital - 2021**

Details of Project/Study: **Grey Road 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
<b>Gross</b>	\$0	\$0	\$0	\$0	\$213,006	<b>\$213,006</b>
<b>Net</b>	\$0	\$0	\$0	\$0	\$213,006	<b>\$213,006</b>

**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
<b>Gross</b>	\$0	\$0	\$0	\$0	\$0	<b>\$0</b>
<b>Net</b>	\$0	\$0	\$0	\$0	\$0	<b>\$0</b>

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

Increase maintenance costs and rough ride.

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

	Taxation
2017	\$0
2018	\$0
2019	\$0
2020	\$0
2021	\$213,006
<b>Total</b>	<b>\$213,006</b>

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

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

**1. Department / Function: Construction, Resurfacing and Minor Capital - 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
<b>Gross</b>	\$0	\$0	\$0	\$0	\$650,000	<b>\$650,000</b>
<b>Net</b>	\$0	\$0	\$0	\$0	\$650,000	<b>\$650,000</b>

**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
<b>Gross</b>	\$0	\$0	\$0	\$0	\$0	<b>\$0</b>
<b>Net</b>	\$0	\$0	\$0	\$0	\$0	<b>\$0</b>

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

Continued 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
<b>Total</b>	<b>\$650,000</b>

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

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

**1. Department / Function: Construction, Resurfacing and Minor Capital - 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
<b>Gross</b>	\$0	\$0	\$0	\$0	\$1,411,000	<b>\$1,411,000</b>
<b>Net</b>	\$0	\$0	\$0	\$0	\$1,411,000	<b>\$1,411,000</b>

**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
<b>Gross</b>	\$0	\$0	\$0	\$0	\$0	<b>\$0</b>
<b>Net</b>	\$0	\$0	\$0	\$0	\$0	<b>\$0</b>

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

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
<b>Total</b>	<b>\$1,411,000</b>

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

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

**1. Department / Function: Construction, Resurfacing and Minor Capital - 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
<b>Gross</b>	\$0	\$0	\$0	\$0	\$2,337,548	<b>\$2,337,548</b>
<b>Net</b>	\$0	\$0	\$0	\$0	\$1,168,774	<b>\$1,168,774</b>

**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
<b>Gross</b>	\$0	\$0	\$0	\$0	\$0	<b>\$0</b>
<b>Net</b>	\$0	\$0	\$0	\$0	\$0	<b>\$0</b>

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

Road will 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
<b>Total</b>	<b>\$1,168,774</b>	<b>\$1,168,774</b>

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

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

**1. Department / Function: Construction, Resurfacing and Minor Capital - 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
<b>Gross</b>	\$0	\$0	\$0	\$0	\$361,268	<b>\$361,268</b>
<b>Net</b>	\$0	\$0	\$0	\$0	\$361,268	<b>\$361,268</b>

**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
<b>Gross</b>	\$0	\$0	\$0	\$0	\$0	<b>\$0</b>
<b>Net</b>	\$0	\$0	\$0	\$0	\$0	<b>\$0</b>

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

Continued 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
<b>Total</b>	<b>\$361,268</b>

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

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



**1. Department / Function: Construction, Resurfacing and Minor Capital - 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
<b>Gross</b>	\$0	\$0	\$0	\$0	\$859,404	<b>\$859,404</b>
<b>Net</b>	\$0	\$0	\$0	\$0	\$859,404	<b>\$859,404</b>

**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
<b>Gross</b>	\$0	\$0	\$0	\$0	\$741,965	<b>\$741,965</b>
<b>Net</b>	\$0	\$0	\$0	\$0	\$741,965	<b>\$741,965</b>

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

Increased deterioration at an accelerated rate (trucks).

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

	Taxation
2017	\$0
2018	\$0
2019	\$0
2020	\$0
2021	\$859,404
<b>Total</b>	<b>\$859,404</b>

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

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

**1. Department / Function: Construction, Resurfacing and Minor Capital - 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
<b>Gross</b>	\$0	\$0	\$0	\$0	\$1,988,780	<b>\$1,988,780</b>
<b>Net</b>	\$0	\$0	\$0	\$0	\$238,780	<b>\$238,780</b>

**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
<b>Gross</b>	\$0	\$0	\$0	\$0	\$1,369,482	<b>\$1,369,482</b>
<b>Net</b>	\$0	\$0	\$0	\$0	\$1,369,482	<b>\$1,369,482</b>

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

Maintenance costs and safety issues will continue to increase. The quality of the ride will continue to deteriorate.

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

	Taxation	From Reserve - Federal Gas Tax
2017	\$0	\$0
2018	\$0	\$0
2019	\$0	\$0
2020	\$0	\$0
2021	\$238,780	\$1,750,000
<b>Total</b>	<b>\$238,780</b>	<b>\$1,750,000</b>

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

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

**1. Department / Function: Construction, Resurfacing and Minor Capital - 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
<b>Gross</b>	\$0	\$0	\$0	\$0	\$718,909	<b>\$718,909</b>
<b>Net</b>	\$0	\$0	\$0	\$0	\$18,909	<b>\$18,909</b>

**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
<b>Gross</b>	\$0	\$0	\$0	\$0	\$718,909	<b>\$718,909</b>
<b>Net</b>	\$0	\$0	\$0	\$0	\$18,909	<b>\$18,909</b>

**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
<b>Total</b>	<b>\$18,909</b>	<b>\$700,000</b>

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

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

**1. Department / Function: Construction, Resurfacing and Minor Capital - 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
<b>Gross</b>	\$0	\$0	\$0	\$0	\$429,000	<b>\$429,000</b>
<b>Net</b>	\$0	\$0	\$0	\$0	\$429,000	<b>\$429,000</b>

**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
<b>Gross</b>	\$0	\$0	\$0	\$0	\$0	<b>\$0</b>
<b>Net</b>	\$0	\$0	\$0	\$0	\$0	<b>\$0</b>

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

Increased maintenance 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
<b>Total</b>	<b>\$429,000</b>

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

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

**1. Department / Function: Construction, Resurfacing and Minor Capital - 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
<b>Gross</b>	\$0	\$0	\$0	\$0	\$455,889	<b>\$455,889</b>
<b>Net</b>	\$0	\$0	\$0	\$0	\$155,889	<b>\$155,889</b>

**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
<b>Gross</b>	\$0	\$0	\$419,461	\$0	\$0	<b>\$419,461</b>
<b>Net</b>	\$0	\$0	\$119,461	\$0	\$0	<b>\$119,461</b>

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

Road deterioration will lead to increased maintenance costs and possible safety issues.

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

	From Reserve - Federal Gas Tax	Taxation
2017	\$0	\$0
2018	\$0	\$0
2019	\$0	\$0
2020	\$0	\$0
2021	\$300,000	\$155,889
<b>Total</b>	<b>\$300,000</b>	<b>\$155,889</b>

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

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

1. Department / Function: **Construction, Resurfacing and Minor Capital -**  
 Details of Project/Study: **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
<b>Gross</b>	\$0	\$0	\$325,000	\$0	\$250,000	<b>\$575,000</b>
<b>Net</b>	\$0	\$0	\$325,000	\$0	\$250,000	<b>\$575,000</b>

3. Estimated Useful Life:

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

Facility Name / Address	Municipality

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

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
<b>Gross</b>	\$0	\$0	\$767,000	\$1,480,000	\$1,918,000	<b>\$4,165,000</b>
<b>Net</b>	\$0	\$0	\$767,000	\$1,480,000	\$1,918,000	<b>\$4,165,000</b>

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
<b>Total</b>	<b>\$575,000</b>

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

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