



THE CORPORATION OF THE TOWNSHIP OF HORTON  
**TRANSPORTATION & ENVIRONMENTAL SERVICES**

February 1<sup>st</sup>, 2023  
 8:30 a.m.  
 Horton Council Chambers  
 2253 Johnston Rd.

1. Call to Order
2. Declaration of Pecuniary Interest
3. Minutes from Previous Meeting:
  - i. January 4<sup>th</sup>, 2023 **PG.2**
4. Producer Responsibility Update **PG.5**
5. County of Renfrew Proposed 10-Year Capital Roads Rehabilitation Plan **PG.10**
6. Road Management Plan 2018-2027 Update **PG.31**
7. Award Tender 2022-25 Transportation Master Plan **PG.37**
8. New/Other Business
9. Next Meeting:
10.
  - i. March 1<sup>st</sup>, 2023
11. Adjournment

**RETURN TO AGENDA**

## THE CORPORATION OF THE TOWNSHIP OF HORTON

**TES Committee Meeting**January 4<sup>th</sup>, 2023

8:30 a.m.

There was a meeting of the Transportation and Environmental Services Committee held in the Municipal Chambers on Wednesday January 4<sup>th</sup>, 2023. Present was Chair Doug Humphries, Deputy Mayor Tom Webster, and Mayor David Bennett, Public Advisory Members Bob Kingsbury, and Tyler Anderson. Staff present was Public Works Manager, Adam Knapp, and Executive Assistant Nichole Dubeau– Recording Secretary.

**1. CALL TO ORDER**

Chair Humphries called the meeting to order at 8:30 a.m.

**2. DECLARATION OF PECUNIARY INTEREST**

Mayor Bennett declared pecuniary interest for item 6 – Landfill Grinding Contract Extension.

**3. MINUTES FROM PREVIOUS MEETING:**

- October 13<sup>th</sup>, 2022

Moved by Tyler Anderson

Seconded by Deputy Mayor Webster

THAT the Committee approve the October 13<sup>th</sup>, 2022 Minutes.

**Carried****4. COMMUNITY CENTRE HVAC REPAIRS**

Public Works Manager Adam Knapp reviewed the report. The Committee was in agreeance to move forward with the repairs needed.

Moved by Deputy Mayor Webster

Seconded by Bob Kingsbury

THAT the TES Committee recommend to Council to approve the repair of the Community Center HVAC systems by Valley Ventilation;

AND THAT the funding for the repairs estimated at \$7,500 including HST and a \$1,536.60 provisional contingency come from the Recreation Reserves;

AND FURTHER THAT this be included in the 2023 Budget for consideration.

**Carried****5. MUNICIPALITIES AS A PRODUCER**

Public Works Manager Adam Knapp reviewed the report.

**6. LANDFILL GRINDING CONTRACT EXTENSION**

Mayor Bennett declared pecuniary interest and left the room.

Public Works Manager Adam Knapp reviewed the report. The Committee was in agreeance to extend the contract with National Grinding.

Moved by Bob Kingsbury

Seconded by Tyler Anderson

THAT the TES Committee recommend to Council to extend the landfill material grinding contract with National Grinding Inc. for one (1) year at a total annual cost of \$27,685.00 including HST;

AND THAT this be included in the 2023 Budget for consideration.

**Carried****RETURN TO AGENDA**

**7. PHASE 3 LANDFILL SITE FEASIBILITY STUDY**

Public Works Manager Adam Knapp reviewed the report. The Committee was in agreeance to move forward with Phase 3 of the study.

Moved by Deputy Mayor Webster

Seconded by Tyler Anderson

THAT the TES Committee recommend to Council to proceed with phase 3 of the expansion feasibility study per the 2023 work plan supplied by JP2G;

AND THAT \$22,080.20 be allocated from Environmental Reserves to fund the work;

AND FURTHER THAT this be included in the 2023 Budget for consideration.

**Carried**

**8. LANDFILL SITE WASTE COMPOSITION STUDY**

Public Works Manager Adam Knapp reviewed the report.

Moved by Deputy Mayor Webster

Seconded by Tyler Anderson

THAT the TES Committee recommend to Council that a waste composition study be performed by JP2G as part of our monitoring and reporting program in 2023/2024 at the landfill site;

AND THAT the studies shall be performed pre-transition to the producer-based blue box program, before July 1<sup>st</sup>, 2023, and post transition, in July of 2024;

AND FURTHER THAT the study be funded from the Environmental Reserves at an upset estimated cost of \$10,000;

AND FURTHER THAT this be included in the 2023 Budget for consideration.

**Carried**

**9. PROPOSED STRATEGIC CULVERT REPLACEMENT PLAN**

Public Works Manager Adam Knapp reviewed the report.

**10. PROPOSED STRATEGIC ROADS INFRASTRUCTURE PLAN**

Public Works Manager Adam Knapp reviewed the report. Deputy Mayor Webster requested that the rehabilitation years as per the asset management plan be brought back to the committee.

**11. DRAFT WINTER MAINTENANCE & SALT MANAGEMENT POLICY**

Public Works Manager Adam Knapp reviewed the report. The Committee was in agreeance to establish a policy for Winter Maintenance and Salt Management.

Moved by Tyler Anderson

Seconded by Deputy Mayor Webster

THAT the TES Committee recommend to Council to adopt the T-06 Winter Maintenance and Salt Management policy into the Township's Corporate Policies.

**Carried**

**12. NEW/OTHER BUSINESS**

Public Works Manager Adam Knapp stated that he has reviewed the Transportation Master Plan and CAO/Clerk Hope Dillabough is now reviewing it, and that it will be coming forward in the 2023 Budget for the RFP process.

**13. NEXT MEETING:**

- i. February 1<sup>st</sup>, 2023 at 8:30 a.m.

**14 ADJOURNMENT**

Chair Humphries declared the meeting adjourned at 9:32 a.m.

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CHAIR Doug Humphries

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PUBLIC WORKS MGR Adam Knapp



## Township of Horton COUNCIL / COMMITTEE REPORT

<b>Title:</b>  <b>Producer Responsibility Update</b>	<b>Date:</b>	Feb 1 <sup>st</sup> , 2023
	<b>Council/Committee:</b>	TES
	<b>Author:</b>	Adam Knapp, Public Works Manager
	<b>Department:</b>	Environmental

### **RECOMMENDATIONS:**

THAT the TES Committee receive this report as information.

### **BACKGROUND:**

The Township of Horton has agreed to opt in to an agreement with Circular Materials Ontario to continue depot recyclable collection at our landfill site. As part of the agreement CMO has set the non-eligible, ICI, source reduction rate at -25% unless the Township can provide proof through 4 given options provided by CMO. Staff chose to submit using the MPAC property types calculation and CMO has agreed to set our reduction rate at -3.46%.

Circular Materials and Ryse Solutions have finalized the execution of the System Access Agreement to operate the common collection system (CCS) in Ontario. Circular Materials Ontario and Ryse are the two main PRO's who were vying for the 66% of total aggregate weight of materials in Ontario. RYSE is led by Emterra's Chief Sustainability Officer Paulina Leung.

This is an important milestone for Horton and the surrounding area as this will ensure all producers and/or PROs that are a party to the CCS will have access to their proportionate share of collected Blue Box materials and that they pay their share of the CCS' start-up and ongoing costs of operation.

### **ALTERNATIVES:**

N/A

### **FINANCIAL IMPLICATIONS:**

Estimated ~\$5,000 per year to operate the depot collection for non-eligible sources.

### **ATTACHMENTS:**

Acceptance email Horton Township Depot Usage ICI v Residential MPAC Calculation  
Options for Management of Non-Eligible Sources at Depots – Final

### **CONSULTATIONS:**

N/A

**Prepared by:** Adam Knapp, Public Works Manager

**Reviewed by:** Hope Dillabough, CAO/Clerk

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**From:** [Cullen Hollister](#)  
**To:** [Adam Knapp](#); [Sherry Arcaro](#); [Circular Materials Operations](#)  
**Cc:** [Hope Dillabough](#); [Clayton Sampson](#); [Kent Hollister](#); [Muna Sayid](#)  
**Subject:** Re: Horton Township Depot Usage ICI v Residential MPAC Calculation  
**Date:** January 18, 2023 5:21:18 PM  
**Attachments:** [image002.png](#)

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Hi Adam,

Your request for the modified rate for Horton Township for your Depot Non-Eligible Source Deduction from 25% to 3.64% is approved as supported by the documents provided.

The Procurement team will adjust your Statement of Work accordingly, prior to execution of the agreement .

Thanks,

Cullen Hollister  
Director - CCS & RLG Contract Mgmt.  
Circular Materials Ontario

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## Options for Management of Non-Eligible Blue Box Material at Depots

### Purpose

Circular Materials (CM) is partnering with eligible communities to continue accepting Blue Box Materials from residences and facilities (Eligible Sources) at designated depots and transporting these materials to a CM receiving facility.

Many municipal recycling depots across Ontario accept Blue Box Material from both Eligible and Non-Eligible Sources. As the Administrator of the Common Collection System, CM will be incurring costs to receive the Blue Box Material from the Non-Eligible Sources and, as producer responsibility organizations, CM and Ryse will be incurring costs to transfer and process the Blue Box Material from the Non-Eligible Sources. As a result, a deduction will be applied to each EC's monthly depot compensation to account for these costs. As described in the [Pricing Explanatory Note](#), a deduction of 25% is included in the Depot Statement of Work.

For those eligible communities that do not accept Blue Box Material from Non-Eligible Sources, manage it separately or can substantiate that they manage less than 25%, CM has developed this document to provide guidance in determining the actual proportion of non-eligible source material at each depot.

Please review the five options for managing and/or determining Non-Eligible Sources below, select the option that best applies to your community and follow the guidance provided. This rate will be used throughout transition unless a change in depot operations occurs and a change order is issued.

Questions and documentation can be sent to [operations@circularmaterials.ca](mailto:operations@circularmaterials.ca).

**Please note:** Unstaffed depots and staffed depots that are accessible to the public when closed will be subject to a 25% deduction. The five options below are not applicable to these depots.

### Definitions

**"Depot"** means a location to which Blue Box Material can be delivered by a resident in an eligible community where some or all residents do not receive household collection of Blue Box Material.

**"Convenience Depot"** means a location to which Blue Box Material can be delivered by a resident in an eligible community where all residents in the eligible community receive household collection.

**"Eligible Source"** means any residence or facility in an eligible community. These include:

- Single-unit residential dwellings, including seasonal residential dwellings (cottages or permanent mobile homes).
- Multi-unit dwellings (condominiums, apartments).
- Retirement homes (operated by a municipality or entity, not for profit).
- Long-term care homes (not for profit).
- Schools (public and private; elementary and secondary).

Refer to Sections 1 and 4 of [O.Reg 391/21 for definitions of Eligible Sources](#).

**"Non-Eligible Sources"** are any entities that are not Eligible Sources as defined in the Regulation.

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## Options for Managing and Determining Non-Eligible Source Material

### Option 1 - Accept material only from Eligible Sources at the depot

It is the responsibility of the eligible community to provide proof through documentation such as municipal by-law, written confirmation from senior staff, or an excerpt from the Waste Planning Document along with site photos to demonstrate that the depot location only accepts material from Eligible Sources.

In this option, Circular Materials will not apply a deduction.

### Option 2 - Accept material from Non-Eligible Sources and handle it separately from material from Eligible Sources

It is the responsibility of the eligible community to collect material from Non-Eligible Sources in separate, clearly marked containers. Site attendants must direct all Non-Eligible Source visitors to the containers set up for this purpose. Materials from Non-Eligible Sources are the responsibility of the eligible community.

It is the responsibility of the eligible community to provide proof through documentation such as depot training documents, municipal by-law or written confirmation from senior staff along with site photos to demonstrate that material from Eligible Sources is handled separately from material from Non-Eligible Sources. Further, this option assumes that the eligible community will arrange for the transportation and processing of the non-eligible materials directly.

Materials from Eligible Sources will be delivered to a designated Common Collection System Receiving Facility. In this option, Circular Materials will not apply a deduction.

### Option 3 - Determine the proportion of Non-Eligible Sources based on MPAC property types

It is the responsibility of the eligible community to calculate the number of residential properties as a percentage of total properties in the eligible community using MPAC data for the latest property tax year. A list of property codes can be found here: [MPAC Property Codes](#).

For this calculation, please consider the following:

**Eligible Sources:** 300 Series Residential.

**Non-Eligible Sources:** 400 Series Commercial, 500 Series Industrial, 600 Series Institutional, 700 Series Special and Exempt and 800 Series Government.

**Exempt from calculation:** 100 Series Vacant because the properties do not include an activity that would result in Blue Box Material and 200 Series Farm because this series includes a mix of vacant, residential, and commercial.

**Table 1: Non-Eligible Source Usage Rate Calculation Based on MPAC Property Types**

<b>Formula</b>	$\frac{\text{(Number of Commercial + Number of Industrial + Number of Institutional + Number of Special and Number of Government)}}{\text{((Number of Commercial + Number of Industrial + Number of Institutional + Number of Special and Number of Government) + (Number of Residential))}} = \text{Non-Eligible Source Usage Rate}$
<b>Example</b>	$\frac{\text{(56 Commercial + 18 Industrial + 10 Institutional + 2 Special + 4 Government)}}{\text{((56 Commercial + 28 Industrial + 10 Institutional + 2 Special + 4 Government) + (4,436 Residential))}} = 2\% \text{ Non-Eligible Source Usage Rate}$

The compensation deduction will be calculated based on Table 4.



## Option 4 – Determine the number of visits from Non-Eligible Sources as a percentage of total number of visits delivering Blue Box Material

At each depot, the eligible community will record whether each visitor delivering Blue Box Material is an Eligible Source or a Non-Eligible Source for a period of no less than 25% of the monthly operating hours at each depot location. For each Eligible Source visitor, the type of Eligible Source will be recorded: single-family dwelling, multi-family dwelling, long-term care home, retirement home or school. For each Non-Eligible Source visitor, the type of Non-Eligible Source will be recorded: retail business, service business, office, etc.

**Table 2: Non-Eligible Source Usage Rate Calculation Based on Depot Visits**

<b>Formula</b> (1 Depot example)	Number of Non-Eligible Source visitors divided by (the number of Non-Eligible visitors + the number of Eligible Source visitors) = Non-Eligible Usage Rate.
<b>Example</b>	10 Non-Eligible Source Visitors / (10 Non-Eligible Source Visitors + 90 Eligible Source Visitors) = 10% Non-Eligible Source Usage Rate.

For those with multiple depots, calculate the percentage using total Non-Eligible Source visitor counts and Eligible Source visitor counts from all depots to yield the Non-Eligible Source Usage Rate. The compensation deduction will be calculated based on Table 4.

**Table 3: Non-Eligible Source Usage Rate for Multiple Depot Locations Based on Depot Visits**

<b>Formula</b> (3 Depot example)	Depot # 1 Number of Non-Eligible Source visitors + Depot # 2 Number of Non-Eligible Source visitors + Depot # 3 Number of Non-Eligible Source visitors divided by the number of Depot # 1, Depot # 2, and Depot # 3 Non-Eligible visitors + Depot # 1, Depot # 2, and Depot # 3 Eligible Source visitors = Non-Eligible Usage Rate
<b>Example</b>	(10+6+18 Non-Eligible Visitors) / ((10+6+18 Non-Eligible Visitors) +(90+50+70 Eligible Visitors)) = 15% Non-Eligible Source Usage Rate

## Option 5 – A deduction of 25% will be applied to the weight of Blue Box Material collected

No action is required for this option. The compensation deduction will be calculated based on Table 4.

**Table 4: Compensation Deduction Calculation for Options 3, 4 and 5**

<b>Step 1</b>	Total Kg collected X applicable % from option 3, 4 or 5 = Total Kg from Non-Eligible Sources
<b>Step 2</b>	Total Kg from Non-Eligible Sources X \$200/tonne* = Charge to receive, consolidate, transport and process material from Non-Eligible Sources
<b>Step 3</b>	Deduct the charge to receive, consolidate, transport and process material from Non-Eligible Sources from the payment due to the Eligible community to operate the depot

### \*Non-Eligible Source Blue Box Material Tonne Price

PROs (Producer Responsibility Organizations) have calculated the cost to receive, consolidate, transport, process and market Blue Box Material from Non-Eligible Sources commingled with Blue Box Material from Eligible Sources. Net of revenue the average cost has been calculated at \$200/tonne.



## Township of Horton COUNCIL / COMMITTEE REPORT

<b>Title:</b>  <b>County of Renfrew Proposed 10 Year Capital Roads Rehabilitation Plan</b>	<b>Date:</b>	<b>Feb 1<sup>st</sup> 2023</b>
	<b>Council/Committee:</b>	<b>TES</b>
	<b>Author:</b>	<b>Adam Knapp, Public Works Manager</b>
	<b>Department:</b>	<b>Public Works</b>

### **RECOMMENDATIONS:**

**THAT** the TES committee receive this report as information pertaining to the County of Renfrew's 10-year Capital Roads Rehabilitation Plan.

### **BACKGROUND:**

On December 7<sup>th</sup> 2022 the County of Renfrew held a meeting at the County of Renfrew board room. 15 lower tier representatives from 9 Municipalities, including the Township of Horton's Public Works Manager, were in attendance to discuss the County's forecasted 10 Year Capital Roads Rehabilitation plan and other pertinent information.

The proposed 10-year Capital Rehabilitation Plan is available upon request due to the size of the document. All works within the Township of Horton have been highlighted for ease of viewing.

The proposed works for 2023 roads and bridges are as follows:

#### **County Roads:**

- County Road 1 (River Road) – Lochwinnoch Road to Algonquin Trail (McNab/Braeside)
- **County Road 20 (Bruce Street) – Hwy 60 to Hwy 17 (Renfrew/Horton)**
- County Road 24 (White Water Road) – Stafford Third Line to Hwy 17 (Laurentian Valley)
- County Road 30 (Lake Dore Road) – Hwy 60 to Sperberg Road (North Altona Wilberforce)
- County Road 37 (Murphy Road) – Hwy 17 to Doran Road (Petawawa)
- County Road 37 (Murphy Road) – Doran Road to Petawawa Boulevard (Petawawa)
- County Road 42 (Forest Lea Road) – Hwy 17 to Pembroke Street West (Laurentian Valley)
- County Road 58 (Round Lake Road) – Deer Trail Road to Bonnechere River Bridge (Killaloe, Hagarty & Richards)
- County Road 65 (Centennial Lake Road) – Civic Address 2872 to Black Donald Access Point (Greater Madawaska)
- County Road 508 (Calabogie Road) – Norton Road to Mill Street (Greater Madawaska)
- County Road 508 (Calabogie Road) – Goshen Road to Hwy 17 (McNab/Braeside)
- County Road 512 (Foymount Road) – Harrington Creek Bridge to Miller Road (Bonnechere Valley)
- County Road 515 (Palmer Road) – Finch Road to Schutt Road (Madawaska Valley and Brudenell Lyndoch & Raglan)

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- County Road 517 (Dafoe Road) – Coulas Road to Serran Road (Madawaska Valley)
- County Road 635 (Swisha Road) – 0.2 km north of Hwy 17 (Laurentian Hills)

**County Structures:**

- B044 (Douglas Bridge) – Stone Road (Admaston/Bromley)
- B064 (Pilgrim Road Bridge) – Pilgrim Road (Brudenell, Lyndoch & Raglan)
- B257 (Harrington Creek Bridge) – Foymount Road (Bonnechere Valley)
- B310 (Ski Hill Bridge) – Round Lake Road (Laurentian Valley)
- C025 (Borne Road Culvert) – Borne Road (Laurentian Valley)
- C115 (Dunlop Crescent Dual Culvert) – Dunlop Crescent (Head, Clara & Maria)
- C137 (Hanson Creek Culverts) – Robertsons Line (McNab/Braeside)
- C191 (Dicks Road Culvert) – Dicks Road (Laurentian Valley)
- C197 (Etmanskie Swamp Culvert) – John Street (Madawaska Valley)
- C204 (Bellows Creek Culvert) – Westmeath Road (Whitewater Region)
- C325 (Neilson Creek Culvert) – Lake Clear Road (Bonnechere Valley)

**ALTERNATIVES:**

N/A

**FINANCIAL IMPLICATIONS:**

N/A

**ATTACHMENTS:**

Capital Rehab Legend and Benchmark Costs

County of Renfrew 10 Year Capital Rehabilitation Plan – available upon request

**CONSULTATIONS:**

Craig Kelley, CAO/Clerk

Lee Perkins, Director of Public Works and Engineering

Taylor Hanrath, Manager of Infrastructure

Richard Bolduc, Manager of Operations

**Prepared by:** Adam Knapp, Public Works Manager

**Reviewed by:** Hope Dillabough, CAO/Clerk

# Road Capital Projects

## Road Treatments & Benchmark Costs

Legend		Round (\$/km)
R1	Overlay - Resurface with one 50 mm of hot mix asphalt over existing surface, includes shouldering and ditching.	\$283,000
PR1	Pulverize and Pave - Full depth surface reclamation with 50 mm of Granular A and 50 mm of hot mix, includes shouldering and ditching.	\$359,000
PR2	Pulverize and Pave - Full depth surface reclamation with 50 mm of Granular A and 100 mm of hot mix, includes shouldering and ditching.	\$499,000
MR1-R	Mill and Pave (Rural) - Partial depth surface reclamation and overlay with 50 mm of hot mix, includes shouldering and ditching.	\$310,000
MR1-U	Mill and Pave (Urban) - Partial depth surface reclamation and overlay with 50 mm of hot mix, includes spot repairs to curb and storm sewer.	\$334,000
MICRO	Micro Surfacing - Micro or thin lift overlay of existing paved surface.	\$156,000
SST	Single Surface Treatment - Chip Seal overlay of existing surface.	\$88,000
REC-DST	Reconstruction with Double Surface Treatment - Full rural road reconstruction with surface treatment.	\$530,000
REC-1	Reconstruction with Single Lift - Full rural road reconstruction with 50 mm hot mix asphalt surface.	\$657,000
REC-2	Reconstruction with Double Lift - Full rural road reconstruction with 90 mm hot mix asphalt surface.	\$807,000
B&S 1	Base and Surface with Single Lift - Base reconstruction with 150 mm of Granular A and 50 mm lift of Hot Mix.	\$421,000
B&S 2	Base and Surface with Double Lift - Base reconstruction with 150 mm of Granular A and 90 mm lift of Hot Mix.	\$561,000
B&S-DST	Base and Surface with Surface Treatment - Base reconstruction with 150 mm of Granular A and Double Surface Treatment.	\$290,000
REC-UNS	Reconstruction with Nominal Storm - Full urban road reconstruction with nominal (~50%) storm sewer replacement.	\$1,564,000
REC-U	Reconstruction with Storm Sewer - Full urban road reconstruction with storm sewer replacement.	\$1,945,000
PR1E	Pulverize and Pave with Base Stabilization - Full depth reclamation with stabilizer and 50 mm of hot mix, includes shouldering and ditching.	\$357,000
PR2E	Pulverize and Pave with Base Stabilization - Full depth reclamation with stabilizer and 90 mm of hot mix, includes shouldering and ditching.	\$497,000
SLR	Slurry Seal - Fog seal, sand seal, or asphalt reguvinator spray road surface.	\$104,000
HIRO	Hot in Place Recycling of asphalt surface with SLR, MICRO, or SST cap	\$341,000
HIR1	Hot in Place Recycling of asphalt surface with asphalt lift cap.	\$432,000

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10 Year Capital Plan 2023-2032																																				
Road Sections																																				
Asset ID	Split ID	Road No.	Road Name	Section Description	From LR	To LR	Length (km)	Lanes	Surface Width (m)	Paved Should. (m)	Gravel Should. (m)	X Sec.	Municipality	AADT	Posted Speed	Current PCI	Program	Cost	PCI @ Plan Year	Plan Year	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032						
<b>ANNUAL TOTAL</b>																					\$ 21,052,491	\$ 27,826,017	\$ 27,522,883	\$ 28,048,881	\$ 29,062,876	\$ 26,692,879	\$ 26,144,778	\$ 24,023,885	\$ 21,764,105	\$ 22,973,411						
<b>SCRATCH COAT</b>																					\$ 750,000	\$ 750,000	\$ 750,000	\$ 750,000	\$ 750,000	\$ 750,000	\$ 750,000	\$ 750,000	\$ 750,000	\$ 750,000						
<b>INTERSECTION UPGRADES</b>																					\$ 200,000	\$ 200,000	\$ 200,000	\$ 75,000	\$ 75,000	\$ 75,000	\$ 75,000	\$ 75,000	\$ 75,000	\$ 75,000						
11748		1	River Road	Lochwinnoch Rd-to-Storie Rd	17.39	18.59	1.20	2	7.1	0	2	R	McNab/Braeside	1057	80	27.1	PR2	603,077	23	2023	603,077															
11871		1	River Road	Storie Rd-to-County CP Trail	18.59	19.66	1.07	2	6.9	0	2.2	R	Horton	1057	80	21.5	PR2	533,930	17	2023	533,930															
200000		20	Bruce St	Hwy 60-to-Urban Limit	0.00	0.48	0.48	2	10.4	0	0	U	Renfrew	6942	50	71.4	MICRO	93,065	69	2023	93,065															
200047		20	Bruce St	Urban Limit-to-Cobus Rd	0.48	1.78	1.30	2	6.9	1.3	1.7	S	Renfrew	5744	60	68	MICRO	239,014	65	2023	239,014															
200180		20	Bruce St	Cobus Rd-to-Hwy 17	1.78	3.11	1.33	2	6.9	0	2.2	R	Horton	5744	80	66.4	MICRO	207,480	63	2023	207,480															
240146		24	White Water Rd	Stafford Third Line-to-Hwy 17	1.42	3.99	2.57	2	7.3	0	2.3	R	Laurentian Valley	1893	80	49.4	PR2	1,309,911	45	2023	1,309,911															
300000		30	Lake Dore Rd	Hwy 60-to-St. John's Church Steps	0.00	0.40	0.40	2	7.0	0	1.6	S	North Algona Wilberforce	1413	50	42.9	REC-UNS	631,856	39	2023	631,856															
300035		30	Lake Dore Rd	St. John's Church Steps-to-Lovers Lane	0.40	1.60	1.19	2	6.9	0	1.4	R	North Algona Wilberforce	1413	60	20.3	REC-2	961,944	16	2023	961,944															
300154		30	Lake Dore Rd	Lovers Lane-to-Sperberg Rd	1.60	3.26	1.67	2	6.9	0	1.6	R	North Algona	1413	80	30.7	B&S 2	935,748	26	2023	935,748															
370000		37	Murphy Rd	Hwy 17-to-Cty Rd 26 (Doran St)	0.00	2.16	2.16	2	7.0	0	1.9	R	Petawawa	1842	80	17.9	PR2	1,077,840	14	2023	1,077,840															
370220		37	Murphy Rd	Cty Rd 26 (Doran St)-to-Cty Rd 51 (Petawawa Blvd)	2.16	3.09	0.93	2	7.8	0	1.6	S	Petawawa	4368	50	31.5	PR2	490,588	27	2023	490,588															
420000		42	Forest Lea Rd	Hwy 17-to-B Line Rd	0.00	2.17	2.17	2	7.1	1	1.2	R	Laurentian Valley	2436	70	75.5	MICRO	389,298	74	2023	389,298															
420220		42	Forest Lea Rd	B Line Rd-to-Meadowbrook Dr West Junction	2.17	3.59	1.42	2	7.2	1	1.1	R	Laurentian Valley	2888	70	61.6	MICRO	256,330	59	2023	256,330															
420365		42	Forest Lea Rd	Meadowbrook Dr West Junction-	3.59	4.22	0.63	2	7.2	1	1.1	S	Laurentian Valley	2888	70	75	MICRO	113,724	73	2023	113,724															
581834		58	Round Lake Rd	Deer Trail Rd-to-Turners Rd	18.24	19.77	1.53	2	6.5	0	2.3	R	Killaloe Hagarty and Richards	1654	80	45.5	PR2	763,470	41	2023	763,470															
581990		58	Round Lake Rd	Turners Rd-to-Bonnechere R Bdge W Exp Jnt	19.77	20.76	0.99	2	6.4	0	1.8	R	Killaloe Hagarty and Richards	1233	80	54.3	PR2	494,010	51	2023	494,010															
651074	2	65	Centennial Lake Rd	2872 Centennial Lake Rd-to-Black Donald Access Point	13.46	15.09	1.63	2	6.4	0	1.6	R	Greater Madawaska	420	80	14.5	B&S 1	686,230	10	2023	686,230															
5081255		508	Calabogie Rd	Cty Rd 34 (Norton Rd)-to-Mill St	12.87	14.71	1.84	2	7.0	0	2.4	R	Greater Madawaska	1815	60	34.5	PR2	918,160	30	2023	918,160															
5083481		508	Calabogie Rd	Goshen Rd-to-Nabarr Rd	35.61	37.11	1.50	2	7.2	0	2.6	R	McNab/Braeside	1536	80	45.2	R1	430,564	41	2023	430,564															
5083629		508	Calabogie Rd	Nabarr Rd-to-Cty Rd 63 (Stewartville Rd)	37.11	38.58	1.47	2	7.1	0	2.6	R	McNab/Braeside	1536	80	58.9	R1	418,982	56	2023	418,982															
5083772		508	Calabogie Rd	Cty Rd 63 (Stewartville Rd)-to-Hwy 17	38.58	39.97	1.39	2	7.3	0	2.4	R	McNab/Braeside	1536	80	52.5	R1	401,799	50	2023	401,799															
5122576	2	512	Foymount Rd	B257-to-Lake Clear Rd	27.98	29.26	1.28	2	6.3	0	1.5	R	Bonnechere Valley	1085	80	5	REC-2	1,032,960	5	2023	1,032,960															
5122945		512	Foymount Rd	Lake Clear Rd-to-Buelow Rd	29.26	30.69	1.43	2	6.3	0	1.2	R	Bonnechere Valley	1085	80	5	B&S 2	802,230	5	2023	802,230															
5123091		512	Foymount Rd	Buelow Rd-to-Verch Rd	30.69	32.68	1.99	2	6.3	0	1.5	R	Bonnechere Valley	1085	80	5	REC-2	1,605,930	5	2023	1,605,930															
5123291		512	Foymount Rd	Verch Rd-to-Miller Rd (Heidemans Lumber)	32.68	34.55	1.87	2	6.4	0	1.5	R	Bonnechere Valley	1085	80	5	B&S 2	1,049,070	5	2023	1,049,070															
5150652		515	Palmer Rd	Finch Rd-to-Palmer Rapids Dam Rd	6.54	8.35	1.81	2	6.8	0.7	1.5	R	Madawaska Valley	867	80	48.9	REC-2	1,585,870	45	2023	1,585,870															
5151130		515	Palmer Rd	Palmer Rapids S Urban Lmt-to-Palmer Rapids N Urban Lmt	11.39	11.94	0.55	2	6.3	0	1.9	U	Brudenell Lyndoch & Raglan	867	50	47.9	MR1-U	183,700	44	2023	183,700															
5151248		515	Palmer Rd	Palmer Rapids N Urban Lmt-to-Cty Rd 514 (Schutt Road)	11.94	13.04	1.10	2	6.5	0	1.7	R	Brudenell Lyndoch & Raglan	867	80	67.4	R1	311,300	64	2023	311,300															
5170219	1	517	Dafoe Rd	Radcliffe Twp (Coulas Rd)-to-CA 2049	2.20	3.20	1.00	2	7.0	0	1.1	R	Madawaska Valley	285	60	19.6	B&S 1	421,000	15	2023	421,000															
5170219	2	517	Dafoe Rd	CA 2049-to-Peplinskie Rd	3.20	4.40	1.20	2	6.3	0	1.2	R	Madawaska Valley	285	60	17.3	B&S 1	505,200	13	2023	505,200															
5170448		517	Dafoe Rd	Peplinskie Rd-to-Serran Rd	4.40	4.93	0.53	2	6.5	0	0.8	R	Madawaska Valley	774	60	12.7	REC-1	348,210	8	2023	348,210															
6350000		635	Swisha Rd	Hwy 17-to-Interprovincial Bdge S Exp Jnt	0.00	2.58	2.58	2	7.3	0	1.5	R	Laurentian Hills	770	80	74.7	Drain	300,000	73	2023	300,000															
10459		1	River Road	Moore St-to-Dochart St	4.39	6.49	2.10	2	7.0	0	2.3	R	McNab/Braeside	4106	80	39.1	PR2	1,047,900	31	2024		1,047,900														
11981		1	River Road	County CP Trail-to-Castleford	19.66	21.83	2.17	2	7.4	0	1.4	R	Horton	1057	80	41.9	PR2	1,113,768	33	2024		1,113,768														
20601		2	White Lake Road	Young Rd-to-Mountain View Rd	5.98	8.73	2.75	2	7.4	0	2	R	McNab/Braeside	3238	80	37.8	PR2	1,411,457	29	2024		1,411,457														
51257		5	Stone Road	Mhusk Rd-to-Gallagher Rd	12.37	15.37	3.00	2	6.8	0	1.5	R	Admaston/Bromley	182	80	35.6	PR1	1,075,923	27	2024		1,075,923														
80000		8	Cobden Rd	Hwy 60/Cty Rd 9 (Bulger Rd)-to-Pine Valley Rd	0.00	3.01	3.01	2	7.0	0	1.4	R	Admaston/Bromley	1479	80	73.2	MICRO	469,560	69	2024		469,560														
80301		8	Cobden Rd	Pine Valley Rd-to-Barr Line	3.01	5.60	2.59	2	7.1	0	1.7	R	Admaston/Bromley	1479	80	74.2	MICRO	406,926	70	2024		406,926														
80567		8	Cobden Rd	Barr Line-to-McPeak Line	5.60	8.26	2.66	2	7.5	0	1.9	R	Admaston/Bromley	1873	80	73.7	MICRO	429,780	70	2024		429,780														
80837		8	Cobden Rd	McPeak Line-to-Behm Line	8.26	11.07	2.81	2	7.2	0	1.9	R	Admaston/Bromley	1911	80	70.3	MICRO	444,622	66	2024																



10 Year Capital Plan 2023-2032																																					
Road Sections																																					
Asset ID	Split ID	Road No.	Road Name	Section Description	From LR	To LR	Length (km)	Lanes	Surface Width (m)	Paved Should. (m)	Gravel Should. (m)	X Sec.	Municipality	AADT	Posted Speed	Current PCI	Program	Cost	PCI @ Plan Year	Plan Year	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032							
																					<b>ANNUAL TOTAL</b>							\$ 21,052,491	\$ 27,826,017	\$ 27,522,883	\$ 28,048,881	\$ 29,062,876	\$ 26,692,879	\$ 26,144,778	\$ 24,023,885	\$ 21,764,105	\$ 22,973,411
190000		19	Mud Lake Rd	Cty Rd 24 (White Water Rd)-to-Robinson Rd	0.00	1.27	1.27	2	7.2	1	1.2	R	Laurentian Valley	845	80	78.4	MICRO	229,253	74	2024		229,253															
190130		19	Mud Lake Rd	Robinson Rd-to-McDonnell Bdge S Exp Jnt	1.27	2.17	0.90	2	7.4	1	1.3	R	Laurentian Valley	1581	80	76.8	MICRO	164,469	73	2024		164,469															
190231		19	Mud Lake Rd	McDonnell Bdge N Exp Int-to-Sawmill Rd	2.17	3.38	1.21	2	7.3	1.2	0.8	R	Laurentian Valley	1581	60	72.6	MICRO	225,164	69	2024		225,164															
190346		19	Mud Lake Rd	Sawmill Rd-to-City of Pembroke South Limit	3.38	4.90	1.52	2	7.3	1.4	0.6	R	Laurentian Valley	2085	60	71.9	MICRO	289,625	68	2024		289,625															
211762		21	Beachburg Rd	Hila Rd-to-Cty Rd 12 (Westmeath Rd)	17.12	18.82	1.70	2	7.4	0	1.8	R	Whitewater Region	1865	80	73.8	MICRO	272,617	70	2024		272,617															
211935		21	Beachburg Rd	Cty Rd 12 (Westmeath Rd)-to-Finchley Rd	18.82	21.31	2.50	2	7.3	0	1.9	R	Whitewater Region	3394	80	74.3	MICRO	397,720	70	2024		397,720															
240000		24	White Water Rd	Hwy 41-to-Stafford Third Line	0.00	1.42	1.42	2	7.4	0	2.2	R	Laurentian Valley	1893	80	37.3	PR2	728,825	29	2024		728,825															
300309		30	Lake Dore Rd	Sperberg Rd-to-Trail Blazers Rd	3.26	5.54	2.28	2	6.9	0	1.9	R	North Algona Wilberforce	1633	80	35.5	PR2	1,137,221	27	2024		1,137,221															
360000		36	TV Tower Road	Cty Rd 35 (Jean Ave)-to-CPR Crossing	0.00	1.36	1.36	2	7.5	0	2	R	Laurentian Valley	3626	80	38.1	PR2	702,877	30	2024		702,877															
360138		36	TV Tower Road	CPR Crossing-to-Cty Rd 42 (Forest Lea Rd)	1.36	2.43	1.07	2	7.6	0	2.1	R	Laurentian Valley	3126	80	32.1	PR2	556,813	24	2024		556,813															
400554	2	40	Greenwood Rd	Robinson Rd-to-HWY 148	6.63	8.21	1.58	2	7.5	0	2.7	R	Laurentian Valley	6431	80	60.9	REC-2	1,320,598	55	2024		1,320,598															
510000		51	Pembroke West	City of Pembroke West Limits-to-Cty Rd 42 (Forest Lea Rd)	0.00	0.90	0.90	2	7.1	3.1	1.5	R	Laurentian Valley	14676	60	50.1	R1	369,315	44	2024		369,315															
630000		63	Flatt Rapids Rd	Cty Rd 45 (Russet Rd)-to-Mill Ridge Rd	0.00	1.51	1.51	2	7.1	0.6	1.7	R	McNab/Braeside	839	80	71.8	MICRO	256,581	68	2024		256,581															
630164	1	63	Flatt Rapids Rd	Mill Ridge Rd-to-Watts Line	1.51	3.61	2.10	2	7.0	0.5	1.7	R	McNab/Braeside	839	60	76.5	MICRO	351,669	73	2024		351,669															
641086		64	Opeongo Rd	Wieland Shore Rd-to-Gierman Rd	10.99	13.55	2.56	2	7.1	0.8	0.6	R	Bonnechere Valley	398	80	75.9	R1	812,453	72	2024		812,453															
641340		64	Opeongo Rd	Gierman Rd-to-Sebastopol/Grattan Township Line	13.55	17.55	4.00	2	7.1	0.8	0.7	R	Bonnechere Valley	398	80	63.6	R1	1,269,457	58	2024		1,269,457															
641500		64	Opeongo Rd	Sebastopol/Grattan Township Line-to-Constant Lake Rd	17.55	19.18	1.63	2	7.1	0.8	0.7	R	Bonnechere Valley	398	80	66.6	R1	517,304	61	2024		517,304															
651074	1	65	Centennial Lake Rd	Matawatchan/Brougham Twp Line-to-2872 Centennial Lake Rd	11.20	13.46	2.26	2	6.4	0	1	R	Greater Madawaska	420	80	12.5	B&S 1	951,460	5	2024		951,460															
690000	2	69	Siberia Rd	End of HMA-to-Bark Lake Dam Rd	1.45	1.91	0.46	2	5.8	0	1.3	R	Madawaska Valley	204	80	5	B&S 1	193,660	5	2024		193,660															
700000		70	Ruby Rd	Cty Rd 512 (Brudenell Rd)-to-Gorman Rd	0.00	4.28	4.28	2	6.8	0.8	0.4	R	Bonnechere Valley	292	80	62	R1	1,333,609	56	2024		1,333,609															
5080982		508	Calabogie Rd	Barrett Chute Rd-to-Cty Rd 34 (Norton Rd)	10.06	12.87	2.81	2	6.6	0	2.6	R	Greater Madawaska	512	80	39.5	PR1	1,008,790	31	2024		1,008,790															
5082923		508	Calabogie Rd	Riopelle Rd-to-Cty Rd 52 (Burnstown Rd)	29.95	31.33	1.38	2	6.7	0	2	S	McNab/Braeside	2793	60	55.6	PR2	688,620	50	2024		688,620															
5083058		508	Calabogie Rd	Cty Rd 52 (Burnstown Rd)-to-Dickson Rd	31.33	32.89	1.56	2	7.2	0	2.5	R	McNab/Braeside	1676	80	53.1	R1	447,787	47	2024		447,787															
5083209		508	Calabogie Rd	Dickson Rd-to-Hutson Rd	32.89	34.21	1.32	2	7.2	0	1.8	R	McNab/Braeside	1676	80	54.3	R1	378,897	48	2024		378,897															
5121815		512	Foymount Rd	Hubers Rd-to-McCauley Mountain Rd	18.02	20.53	2.51	2	6.7	0	1.7	R	Brudenell Lyndoch & Raglan	723	80	33.8	PR1	901,090	25	2024		901,090															
5122070		512	Foymount Rd	McCauley Mountain Rd-to-Cty Rd 515 (Quadeville Rd)	20.53	21.27	0.74	2	6.7	0	1.7	R	Bonnechere Valley	723	80	33.8	PR1	265,660	25	2024		265,660															
5122145		512	Foymount Rd	Cty Rd 515 (Quadeville Rd)-to-Sebastopol Dr	21.27	22.24	0.97	2	7.5	0	1.4	R	Bonnechere Valley	723	80	30.2	B&S 1	422,955	22	2024		422,955															
5122243		512	Foymount Rd	Sebastopol Dr-to-Cty Rd 64 (Opeongo Rd)	22.24	23.12	0.88	2	6.9	0	2.2	R	Bonnechere Valley	723	80	14.12	PR1	315,920	6	2024		315,920															
5150000		515	Palmer Rd	Cty Rd 62 (Combermere Rd)-to-Riverside Dr	0.00	2.28	2.28	2	7.2	0	2.6	R	Madawaska Valley	1099	80	78.1	MICRO	360,761	74	2024		360,761															
5150220		515	Palmer Rd	Riverside Dr-to-McPhee Bay Rd	2.28	4.47	2.19	2	7.2	0	1.8	R	Madawaska Valley	1099	80	45.2	MR1-R	688,599	37	2024		688,599															
5150443		515	Palmer Rd	McPhee Bay Rd-to-Finch Rd	4.47	6.54	2.07	2	7.2	0	2.2	R	Madawaska Valley	1099	80	62.5	MR1-R	650,867	57	2024		650,867															
5170000		517	Dafoe Rd	Raglan Twp Boundary West-to-Raglan Twp Boundary North	0.00	1.70	1.70	2	6.1	0	0.8	R	Brudenell Lyndoch & Raglan	285	60	31.8	PR1	610,300	23	2024		610,300															
20000		2	Daniel St. North	Madawaska St-to-Michael St (left)	0.00	0.93	0.93	2	10.8	0	0	U	Arnrior	7976	40	65.1	MR1-U	394,931	56	2025			394,931														
20091	1	2	Daniel St. North	Michael St-to-Arthur Street	0.93	1.47	0.54	2	11.0	0	0	U	Arnrior	13611	40	53.4	MR1-U	231,891	44	2025			231,891														
20091	2	2	Daniel St. North	Arthur Street-to-CR 10 (Baskin Drive W)	1.47	1.73	0.26	3	11.0	0	0	U	Arnrior	13611	50	53.3	MR1-U	111,651	44	2025			111,651														
30000		3	Usborne Street	Cty Rd 1 (River Rd)-to-Braeside West Limits	0.00	0.38	0.38	2	7.5	0	1	S	McNab/Braeside	1114	50	50.6	REC-2	317,612	42	2025			317,612														

10 Year Capital Plan 2023-2032																																				
Road Sections																																				
Asset ID	Split ID	Road No.	Road Name	Section Description	From LR	To LR	Length (km)	Lanes	Surface Width (m)	Paved Should. (m)	Gravel Should. (m)	X Sec.	Municipality	AADT	Posted Speed	Current PCI	Program	Cost	PCI @ Plan Year	Plan Year	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032						
<b>ANNUAL TOTAL</b>																					\$ 21,052,491	\$ 27,826,017	\$ 27,522,883	\$ 28,048,881	\$ 29,062,876	\$ 26,692,879	\$ 26,144,778	\$ 24,023,885	\$ 21,764,105	\$ 22,973,411						
30038		3	Usborne Street	Braeside West Limits-to-Carlea Rd	0.38	0.84	0.46	2	7.0	0	2	R	McNab/Braeside	1114	60	75.4	R1	130,180	69	2025			130,180													
30084		3	Usborne Street	Carlea Rd-to-Carmichael Sideroad	0.84	2.92	2.08	2	7.0	0	2	R	McNab/Braeside	1114	80	66.2	R1	588,640	57	2025			588,640													
30292		3	Usborne Street	Carmichael Sideroad-to-Cty Rd 54 (McLean Dr)	2.92	4.60	1.68	2	7.0	0	2	R	McNab/Braeside	1114	80	74.4	R1	475,440	68	2025			475,440													
40177		4	Storyland Road	Eady Rd-to-Cty Rd 1 (River Rd)	1.75	3.15	1.40	2	8.3	0	2.4	R	Horton	2638	80	63.4	R1	432,990	54	2025			432,990													
40320	1	4	Storyland Road	Cty Rd 1 (River Rd)-to-Alex Lane	3.15	4.44	1.29	2	8.2	0	3	R	Horton	3154	80	60.7	R1	396,362	52	2025			396,362													
40320	2	4	Storyland Road	Alex Lane-to-Bingham Road	4.44	5.64	1.20	2	7.1	0	1.7	R	Horton	3154	80	35.9	PR2	603,077	23	2025			603,077													
40320	3	4	Storyland Road	Bingham Road-to-CR 653 (Chenaux Rd)	5.64	7.28	1.64	2	7.2	0	2	R	Horton	3154	80	40.7	PR2	830,051	28	2025			830,051													
51557		5	Stone Road	Gallagher Rd-to-Cty Rd 22 (Hyndford Rd)	15.37	17.11	1.74	2	6.7	0	1.4	R	Admaston/Bromley	182	80	33.9	PR1	624,301	21	2025			624,301													
51735		5	Stone Road	Cty Rd 22 (Hyndford Rd)-to-Hwy 60	17.11	17.44	0.33	2	6.5	0	1.6	R	Admaston/Bromley	876	50	45.8	REC-1	216,810	33	2025			216,810													
140222		14	Witt Rd	Locksley Rd-to-Cty Rd 26 (Doran Rd)	2.18	4.44	2.26	2	7.1	0	1.8	R	Laurentian Valley	294	80	36.4	B&S 1	956,560	24	2025			956,560													
160000		16	Victoria St	Cty Rd 51 (Petawawa Blvd)-to-Wolfe Ave	0.00	0.87	0.87	2	7.0	0	0	U	Petawawa	4729	50	76.8	MICRO	135,720	71	2025			135,720													
160088	1	16	Victoria St	Wolfe Ave-to-Armstrong Rd	0.87	1.76	0.89	2	6.9	1	0	U	Petawawa	1852	50	75.4	MICRO	157,683	69	2025			157,683													
160088	2	16	Victoria St	Armstrong Rd-to-CR 25 (Laurentian Drive)	1.76	2.13	0.37	2	6.9	1	1.2	S	Petawawa	1852	50	83.6	MICRO	65,553	78	2025			65,553													
200944		20	Castleford Rd	Humphries Rd-to-Cty Rd 1 (River Rd)	9.34	10.73	1.39	2	7.2	0	1.9	R	Horton	1059	80	35.3	PR2	703,519	23	2025			703,519													
230000	2	23	Highland Rd	Sawmill Rd-to-Frank St	1.51	2.10	0.59	2	6.6	0	2.2	R	McNab/Braeside	948	50	47.8	REC-2	476,130	35	2025			476,130													
260618		26	Doran Rd	Cty Rd 58 (Round Lake Rd)-to-Lubitz Rd	6.08	8.06	1.98	2	7.1	0	2.1	R	Laurentian Valley	1811	80	46.6	PR2	995,077	34	2025			995,077													
260820		26	Doran Rd	Lubitz Rd-to-Forest Lea Rd	8.06	10.05	1.99	2	7.2	0	2.3	R	Laurentian Valley	1811	80	44.6	PR2	1,007,196	32	2025			1,007,196													
261645		26	Doran Rd	Black Bay Rd-to-Cty Rd 37 (Murphy Rd)	16.17	18.16	1.99	2	6.9	1.1	1.9	S	Petawawa	3121	60	50.7	PR2	1,141,962	42	2025			1,141,962													
261848		26	Doran Rd	Cty Rd 37 (Murphy Rd)-to-Herman St	18.16	18.54	0.38	2	6.7	0	0	U	Petawawa	3833	50	56.9	PR2	189,620	48	2025			189,620													
261888		26	Doran Rd	Herman St-to-Cty Rd 51 (Petawawa Blvd)	18.54	19.19	0.65	2	6.8	0	0	U	Petawawa	3833	50	54.4	MR1-U	217,100	45	2025			217,100													
290224		29	Drive-In Rd	Clearview Crescent-to-Spruce St East	2.15	2.57	0.42	2	7.0	1	1.6	S	Laurentian Valley	2853	50	77	MICRO	74,880	71	2025			74,880													
290257		29	Drive-In Rd	Elm St-to-Hwy 148	2.57	2.80	0.23	2	6.8	0	0	U	Laurentian Valley	2853	50	82.3	MICRO	35,880	76	2025			35,880													
400000		40	Greenwood Rd	Hwy 17-to-Meath Hill Rd	0.00	0.83	0.83	2	7.8	0	2.2	R	Whitewater Region	2559	80	65.3	MR1-R	272,003	56	2025			272,003													
400083		40	Greenwood Rd	Meath Hill Rd-to-Cemetery Rd	0.83	3.33	2.50	2	7.5	0	2.5	R	Whitewater Region	2559	80	60.4	MR1-R	802,679	51	2025			802,679													
400335		40	Greenwood Rd	Cemetery Rd-to-Cty Rd 21 (Beachburg Rd)	3.33	4.66	1.33	2	7.6	0	2.5	R	Laurentian Valley	2559	80	59.8	MR1-R	429,970	51	2025			429,970													
450057		45	Russett Dr	Vanjumar Rd-to-Nieman Dr	0.54	2.49	1.95	2	7.0	0	2.9	R	McNab/Braeside	3599	80	47	B&S 2	1,093,950	34	2025			1,093,950													
511071		51	Petawawa Blv	Cty Rd 37 (Murphy Rd)-to-Cty Rd 26 (Doran St)	11.97	12.19	0.22	3	11.7	0	0	U	Petawawa	10632	50	62	REC-2	237,143	53	2025			237,143													
520074		52	Burnstown Rd	Waba Cr Bdge W Exp Jnt-to-McLachlan Rd	0.74	1.25	0.51	2	7.7	0	1.7	R	McNab/Braeside	1077	50	62.8	R1	151,547	54	2025			151,547													
520118		52	Burnstown Rd	McLachlan Rd-to-McLeod Rd	1.25	7.20	5.95	2	7.1	0	2.2	R	McNab/Braeside	1077	80	48	MR1-R	1,857,675	35	2025			1,857,675													
520720		52	Burnstown Rd	McLeod Rd-to-Burnstown Bdge S Exp Jnt	7.20	7.97	0.77	2	7.2	0	2.2	R	McNab/Braeside	1077	50	51.2	MR1-R	242,110	42	2025			242,110													
520817		52	Burnstown Rd	Burnstown Bdge N Exp Jnt-to-Cty Rd 508 (Calabogie Rd)	8.17	8.40	0.23	2	6.9	0	1.6	S	McNab/Braeside	1077	50	75.3	MR1-R	71,300	69	2025			71,300													
520840		52	Burnstown Rd	Cty Rd 508 (Calabogie Rd)-to-Picket Hill Lane S Jct	8.40	8.73	0.33	2	6.8	0	0	U	McNab/Braeside	2343	50	62.4	MR1-U	110,220	53	2025			110,220													
540000	1	54	McLean Dr	Hwy 17-to-1887 McLean Dr	0.00	0.73	0.73	2	7.2	0	1.9	R	McNab/Braeside	946	80	44	B&S 2	415,380	31	2025			415,380													
650694		65	Centennial Lake Rd	4126 Centennial Lake Rd-to-Matawatchan/Brougham Twp Line	7.33	11.20	3.87	2	6.6	0	1.7	R	Greater Madawaska	335	80	23.5	B&S 1	1,629,270	11	2025			1,629,270													
690191		69	Siberia Rd	Bark Lake Dam Rd-to-Sunny Hill Rd	1.91	4.36	2.45	2	6.5	0	1.6	R	Madawaska Valley	204	80	9.7	PR1	879,550	5	2025			879,550													
690433		69	Siberia Rd	Sunny Hill Rd-to-Babinski Rd	4.36	6.08	1.72	2	7.1	0	1.3	R	Madawaska Valley	204	80	52.7	B&S 1	729,292	44	2025			729,292													
700430		70	Ruby Rd	Gorman Rd-to-Wolfe Rd	4.28	7.52	3.23	2	6.7	0.7	0.6	R	Bonnechere Valley	292	80	65	R1	987,132	56	2025			987,132													
701685		70	Ruby Rd	Golden Lake Bdge N Exp Jnt-to-Hwy 60	16.64	17.26	0.62	2	6.7	1.9	0	R	Bonnechere Valley	1734	80	71	R1	218,971	65	2025			218,971													
710500		71	Matawatchan Rd	4877 Matawatchan Rd-to-Cty Rd 65	6.36	9.55	3.19	2	7.1	0	0.6	R	Greater Madawaska	298	80	62	R1	909,218	53	2025			909,218													
721382		72	Ridge Road	Champlain St-to-Deep River Road	1.33	1.50	0.17	2	9.6	0	0	U	Deep River	2219	40	33.8	REC UNS	315,258	21	2025			315,258													

RETURN TO AGENDA

10 Year Capital Plan 2023-2032																																				
Road Sections																																				
Asset ID	Split ID	Road No.	Road Name	Section Description	From LR	To LR	Length (km)	Lanes	Surface Width (m)	Paved Should. (m)	Gravel Should. (m)	X Sec.	Municipality	AADT	Posted Speed	Current PCI	Program	Cost	PCI @ Plan Year	Plan Year	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032						
<b>ANNUAL TOTAL</b>																					\$ 21,052,491	\$ 27,826,017	\$ 27,522,883	\$ 28,048,881	\$ 29,062,876	\$ 26,692,879	\$ 26,144,778	\$ 24,023,885	\$ 21,764,105	\$ 22,973,411						
5082627		508	Calabogie Rd	Fraser Rd-to-Riopelle Rd	26.90	29.95	3.05	2	6.8	0	2	R	Greater Madawaska	2793	80	51.1	PR2	1,521,950	42	2025			1,521,950													
5123730		512	Foymount Rd	Silver Lake Rd-to-Donegal Rd	37.07	39.52	2.45	2	7.0	0	1.6	R	Bonnechere Valley	1085	80	74.8	R1	693,350	69	2025			693,350													
5123975		512	Foymount Rd	Donegal Rd-to-Spring Creek Rd	39.52	40.77	1.25	2	7.5	0	1.4	R	Bonnechere Valley	1085	80	58.5	R1	366,384	50	2025			366,384													
5124105		512	Foymount Rd	Spring Creek Rd-to-Sand Rd	40.77	43.04	2.27	2	7.4	0	1.5	R	Bonnechere Valley	1085	80	70.1	R1	660,765	64	2025			660,765													
5124335		512	Foymount Rd	Sand Rd-to-HWY 41	43.04	44.69	1.65	2	7.0	0	2	R	Bonnechere Valley	1904	60	71	R1	466,950	65	2025			466,950													
20171		2	Daniel St. North	Baskin Dr-to-Hwy 17	1.73	2.27	0.54	3	11.0	0	0	U	Arnprior	11204	50	73.4	MICRO	108,309	65	2026				108,309												
20228		2	White Lake Road	Hwy 17-to-Cty Rd 45 (Vanjumar Dr)	2.27	2.74	0.47	4	17.5	2.6	1.5	S	Arnprior	7820	60	64.5	MICRO	155,543	53	2026				155,543												
20275		2	White Lake Road	Cty Rd 45 (Vanjumar Dr)-to-Campbell Dr	2.74	3.11	0.37	2	6.5	1.2	0.6	R	McNab/Braeside	3702	80	71.4	MICRO	65,553	63	2026				65,553												
20312		2	White Lake Road	Campbell Dr-to-Claybank Bdge E Exp Jnt	3.11	4.35	1.24	2	6.7	1.2	1.5	R	McNab/Braeside	3702	80	64.2	MICRO	222,456	52	2026				222,456												
40752	2	4	Queens Line	1890 Queens Line-to-Magnesium Rd (CR 48)	9.38	11.58	2.20	2	7.0	1.1	1.1	R	Whitewater Region	1211	80	82.4	MICRO	397,131	74	2026				397,131												
41184		4	Queens Line	Cty Rd 48 (Magnesium Rd)-to-Acres Rd	11.58	14.88	3.30	2	7.2	1	0.8	R	Whitewater Region	1236	80	83	MICRO	595,697	75	2026				595,697												
41514		4	Queens Line	Acres Rd-to-Kohlsmith Rd	14.88	17.97	3.09	2	7.1	1.1	0.7	R	Whitewater Region	1236	80	80.8	MICRO	561,232	73	2026				561,232												
50636	2	5	Stone Road	1574 Stone Rd-to-Fulton Rd	7.70	8.41	0.71	2	7.1	0	1.4	R	Admaston/Bromley	382	80	82.9	MICRO	111,237	75	2026				111,237												
50860		5	Stone Road	Fulton Rd-to-Kennelly Rd	8.41	10.96	2.55	2	7.1	0	1.4	R	Admaston/Bromley	382	80	80.1	MICRO	400,170	72	2026				400,170												
51114		5	Stone Road	Kennelly Rd-to-Mhusk Rd	10.96	12.33	1.37	2	7.3	0	1.5	R	Admaston/Bromley	382	80	82	MICRO	217,822	74	2026				217,822												
90203		9	Bulger Rd	Agnew Rd-to-McGaghran Rd	2.02	4.69	2.67	2	6.7	0	1.2	R	Admaston/Bromley	861	80	29.4	PR1	958,530	12	2026				958,530												
90472		9	Bulger Rd	McGaghran Rd-to-Stone Hedges Rd	4.69	7.25	2.56	2	6.6	0	1	R	North Algona Wilberforce	771	80	35.4	PR1	919,040	18	2026				919,040												
140000		14	Witt Rd	Cty Rd 56 (Woitto Station Rd)-to-Locksley Rd	0.00	2.18	2.18	2	7.3	0	1.8	R	Laurentian Valley	294	80	39.5	B&S 1	937,877	23	2026				937,877												
200654		20	Castleford Rd	Eady Rd-to-Ferguson Rd	6.46	7.86	1.40	2	7.1	0	2	R	Horton	1059	80	48.6	PR2	703,590	32	2026				703,590												
200786		20	Castleford Rd	Ferguson Rd-to-Humphries Rd	7.86	9.34	1.48	2	7.1	0	2	R	Horton	1059	80	44.7	PR2	743,795	28	2026				743,795												
220594		22	Grattan Rd	Scotch Bush Rd-to-Bromley/Grattan Twp Line	5.96	7.99	2.03	2	7.1	0	1.5	R	Bonnechere Valley	588	60	79.6	MICRO	318,942	72	2026				318,942												
220784		22	Grattan Rd	Bromley/Grattan Twp Line-to-Gallagher Rd	7.99	8.82	0.83	2	7.4	0	2	R	Admaston/Bromley	588	80	79.6	MICRO	133,179	72	2026				133,179												
220876		22	Grattan Rd	Gallagher Rd-to-Cty Rd 5 (Stone Rd)	8.82	11.00	2.18	2	7.2	0	2.1	R	Admaston/Bromley	588	80	79.8	MICRO	344,938	72	2026				344,938												
230205		23	Highland Rd	Frank St-to-Cty Rd 2 (White Lake Rd)	2.10	3.77	1.67	2	6.6	0	2	R	McNab/Braeside	948	80	46.9	PR2	833,330	30	2026				833,330												
261022		26	Doran Rd	Forest Lea Rd-to-Cty Rd 28 (Barron Canyon Rd)	10.05	12.06	2.01	2	7.7	0	2.1	R	Laurentian Valley	1811	80	48.7	PR2	1,053,140	32	2026				1,053,140												
261227		26	Doran Rd	Cty Rd 28 (Barron Canyon Rd)-to-Hwy 17	12.06	12.35	0.29	2	8.2	0	2.5	R	Laurentian Valley	1811	80	58.2	PR2	157,114	46	2026				157,114												
280167		28	Barron Canyon Rd	Smith Lane-to-Priebe Rd	1.64	6.38	4.74	2	6.9	0.6	1.5	R	Petawawa	349	80	59.7	R1	1,446,817	48	2026				1,446,817												
450256		45	Russett Dr	Nieman Dr-to-Scheel Dr	2.49	4.30	1.81	2	6.6	0	3	R	McNab/Braeside	1530	80	56.8	B&S 2	1,015,410	45	2026				1,015,410												
581165		58	Round Lake Rd	Byers Creek Bdge S Exp Jnt-to-Round Lake CenterUrban Begins	11.63	12.72	1.09	2	6.3	1.1	0.8	R	Killaloe Hagarty and Richards	777	80	73.8	R1	341,520	66	2026				341,520												
582092		58	Round Lake Rd	Bonnechere R Bdge E Exp Jnt-to-Dunnes Bay Lane	20.76	21.87	1.11	2	6.5	0	2.4	R	Killaloe Hagarty and Richards	1233	80	41.5	PR2	553,890	25	2026				553,890												
582206		58	Round Lake Rd	Dunnes Bay Lane-to-Red Rock Rd	21.87	24.82	2.95	2	6.7	0	2	R	Killaloe Hagarty and Richards	1233	80	34.9	PR2	1,472,050	18	2026				1,472,050												
582503		58	Round Lake Rd	Red Rock Rd-to-Foy Park Corridor	24.82	25.91	1.09	2	7.0	0	1.5	R	Killaloe Hagarty and Richards	1233	80	50.7	PR2	543,910	39	2026				543,910												
640000		64	Opeongo Rd	Cty Rd 512 (Foymount Rd)-to-Raddatz Rd	0.00	3.72	3.72	2	7.0	0.8	1.1	R	Bonnechere Valley	304	80	74.7	R1	1,173,075	67	2026				1,173,075												
640368		64	Opeongo Rd	Raddatz Rd-to-Lake Clear Rd	3.72	6.85	3.13	2	6.9	0.8	1.1	R	Bonnechere Valley	304	80	77.5	R1	980,696	70	2026				980,696												
640679		64	Opeongo Rd	Lake Clear Rd-to-Baptist Church Rd	6.85	8.49	1.64	2	7.0	0.9	0.7	R	Bonnechere Valley	304	80	76.7	R1	523,793	69	2026				523,793												
640839		64	Opeongo Rd	Baptist Church Rd-to-Wieland Shore Rd	8.49	10.99	2.50	2	6.8	0.9	0.4	R	Bonnechere Valley	304	80	80.8	R1	788,357	73	2026				788,357												
650528		65	Centennial Lake Rd	Morrow Lake Rd-to-4126 Centennial Lake Rd	5.61	7.33	1.72	2	6.6	0	1.5	R	Greater Madawaska	335	80	20.9	B&S 1	724,120	5	2026				724,120												
660000	1	66	Wilno South Rd	Hwy 60-to-Mountain View Rd	0.00	1.96	1.96	2	7.0	0	1.7	R	Killaloe Hagarty and Richards	314	60	38.2	B&S 1	825,160	21	2026				825,160												
660000	2	66	Wilno South Rd	Mountain View Rd-to-Inukshuk Rd	1.96	2.93	0.97	2	6.8	0.4	1.2	R	Killaloe Hagarty and Richards	314	80	52.7	B&S 1	425,872	41	2026				425,872												
690603		69	Siberia Rd	Babinski Rd-to-Pipedream Lane	6.08	8.12	2.04	2	6.6	0	0.8	R	Madawaska Valley	204	80	16.6	B&S 1	858,840	5	2026				858,840												
730167		73	Deep River Road	Huron St/Algonquin St-to-Champlain St	0.14	0.49	0.35	2	10.1	0	0	U	Deep River	5460	40	39.7	REC-UNS	668,610	23	2026				668,610												
730512		73	Deep River Road	Champlain St/ Glendale Ave-to-Ridge Road/Hillcrest Ave	0.49	0.68	0.19	2	11.9	0	0	U	Deep River	5460	40	61.6	REC-UNS	401,166	50	2026				401,166												



10 Year Capital Plan 2023-2032																																					
Road Sections																																					
Asset ID	Split ID	Road No.	Road Name	Section Description	From LR	To LR	Length (km)	Lanes	Surface Width (m)	Paved Should. (m)	Gravel Should. (m)	X Sec.	Municipality	AADT	Posted Speed	Current PCI	Program	Cost	PCI @ Plan Year	Plan Year	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032							
																					<b>ANNUAL TOTAL</b>							\$ 21,052,491	\$ 27,826,017	\$ 27,522,883	\$ 28,048,881	\$ 29,062,876	\$ 26,692,879	\$ 26,144,778	\$ 24,023,885	\$ 21,764,105	\$ 22,973,411
5082234		508	Calabogie Rd	Norway Lake Rd-to-Brydges Rd	22.93	24.88	1.95	2	7.0	0	1.8	R	Greater Madawaska	2308	80	57.8	R1	551,850	46	2026				551,850													
5082426		508	Calabogie Rd	Brydges Rd-to-Fleming Rd	24.88	25.67	0.79	2	7.0	0	2.2	R	Greater Madawaska	2308	80	57.9	R1	223,570	46	2026				223,570													
5082501		508	Calabogie Rd	Fleming Rd-to-Fraser Rd	25.67	26.90	1.23	2	6.8	0	2.2	R	Greater Madawaska	2793	80	55.6	R1	348,090	44	2026				348,090													
5120245		512	Brudenell Rd	Killaloe South Town Limit-to-Mountain View Rd	3.16	4.47	1.31	2	7.0	0	1.6	R	Killaloe Hagarty and Richards	871	60	51.9	MR1-R	406,100	40	2026				406,100													
5120450		512	Brudenell Rd	Mountain View Rd-to-Stack Rd	4.47	5.34	0.87	2	7.2	0	1.5	R	Killaloe Hagarty and Richards	871	80	59.9	MR1-R	273,553	48	2026				273,553													
5122332		512	Foymount Rd	Cty Rd 64 (Opeongo Rd)-to-McCauley Mountain Rd	23.12	25.56	2.44	2	6.9	1.5	1.5	R	Bonnechere Valley	1085	80	51.6	B&S 2	1,652,385	40	2026				1,652,385													
5150969		515	Palmer Rd	Jewellville Bdge N Exp Jnt-to-Palmer Rapids S Urban Lmt	9.61	11.39	1.78	2	6.5	0	1.7	R	Brudenell Lyndoch & Raglan	867	80	47.2	PR1	639,020	30	2026				639,020													
6530000		653	Chenau Rd	Hwy 17-to-Cty Rd 48 (Magnesium Rd)	0.00	0.53	0.53	2	7.7	0	2.4	R	Whitewater Region	2113	80	59.3	REC-2	447,401	47	2026				447,401													
10000		1	Madawaska Blvd	Connifer Lane-to-Herrick Drive	0.00	0.11	0.11	2	7.8	0	2.4	R	Arnprior	6580	80	88.7	MICRO	18,141	79	2027					18,141												
10010		1	Madawaska Blvd	Herrick Drive-to-Arnprior Town Limit (4 Lanes Begin)	0.11	0.55	0.44	2	7.7	0	4.1	R	Arnprior	7956	80	86.2	MICRO	72,072	76	2027					72,072												
10048		1	Madawaska Blvd	Arnprior Town Line-to-B258 E Exp Jnt	0.55	1.74	1.19	4	15.0	0	0	U	Arnprior	12137	50	80.8	MICRO	291,720	71	2027					291,720												
41824		4	Queens Line	Kohlsmith Rd-to-Cty Rd 7 (Foresters Falls Rd)	17.97	20.52	2.55	2	7.0	1	0.8	R	Whitewater Region	1236	80	91.9	MICRO	454,629	82	2027					454,629												
60376		6	Lochwinnoch Rd	Hwy 17-to-Thomson Rd	3.73	5.82	2.09	2	7.1	0.6	1.3	R	Horton	869	80	69.4	R1	646,392	54	2027					646,392												
60588		6	Lochwinnoch Rd	Thomson Rd-to-Yantha Rd	5.82	8.59	2.77	2	7.0	0.6	1.3	R	Horton	869	80	70.1	R1	851,102	60	2027					851,102												
60868		6	Lochwinnoch Rd	Yantha Rd-to-Miller Rd	8.59	9.75	1.16	2	7.2	0.7	1.3	R	McNab/Braeside	869	80	75.3	R1	365,798	65	2027					365,798												
200316		20	Castleford Rd	Hwy 17-to-Collins Rd	3.11	4.60	1.49	2	7.1	0	2.2	R	Horton	1059	80	42.1	PR2	748,821	21	2027					748,821												
200466		20	Castleford Rd	Collins Rd-to-Eady Rd	4.60	6.46	1.86	2	7.1	0	1.8	R	Horton	1059	80	39.3	PR2	934,770	18	2027					934,770												
210000		21	Beachburg Rd	Cty Rd 7 (Foresters Falls Rd-to-Fletcher Rd-to-Buchannan's Pit Entrance (1046)	0.00	3.02	3.02	2	6.9	1	0.5	R	Whitewater Region	1105	80	79.9	MICRO	534,172	70	2027					534,172												
210311		21	Beachburg Rd	Fletcher Rd-to-Buchannan's Pit Entrance (1046)	3.02	5.09	2.07	2	6.8	1.2	0.5	R	Whitewater Region	1089	80	82.8	MICRO	374,387	73	2027					374,387												
210782		21	Beachburg Rd	Urban Beginning-to-Little St	7.57	8.47	0.89	2	7.6	0	0	U	Whitewater Region	1844	50	81.5	R1	263,550	72	2027					263,550												
210873		21	Beachburg Rd	Little St-to-Cty Rd 49 (Lapasse Rd)	8.47	9.34	0.88	2	7.6	0	0	U	Whitewater Region	1844	50	82.9	R1	258,533	73	2027					258,533												
300757		30	Lake Dore Rd	Black Creek Rd-to-Limestone Rd	7.65	9.66	2.01	2	7.6	0	1.8	R	North Algona Wilberforce	1633	80	84.8	MICRO	327,161	75	2027					327,161												
300964		30	Lake Dore Rd	Limestone Rd-to-Biederman Rd	9.66	10.64	0.98	2	7.3	0	1.8	R	North Algona Wilberforce	1633	80	86.7	MICRO	155,359	77	2027					155,359												
301064		30	Lake Dore Rd	Biederman Rd-to-Scheuneman Rd	10.64	14.92	4.28	2	7.4	0	1.7	R	North Algona Wilberforce	1633	80	94.4	MICRO	687,238	84	2027					687,238												
301430		30	Lake Dore Rd	Scheuneman Rd-to-Hwy 41	14.92	16.07	1.15	2	7.1	0	1.9	R	North Algona Wilberforce	1633	80	73.8	MICRO	180,524	64	2027					180,524												
581243		58	Round Lake Rd	Round Lake Center S Boundary-to-	12.72	12.92	0.20	2	6.7	0	0	U	Killaloe Hagarty and Richards	777	50	82.2	MICRO	31,200	72	2027					31,200												
581299		58	Round Lake Rd	Cty Rd 67 (Simpson Pit Rd)-to-Round Lake Center N Boundary	12.92	13.46	0.54	2	6.6	0	0	U	Killaloe Hagarty and Richards	1654	50	75.7	MICRO	84,240	66	2027					84,240												
581415		58	Round Lake Rd	Round Lake Center N Boundary-to-Lakeview Dr West End	13.46	15.58	2.12	2	7.3	0	2.2	R	Killaloe Hagarty and Richards	1654	60	81.6	MICRO	337,807	72	2027					337,807												
581568		58	Round Lake Rd	Lakeview Dr West End-to-Sherwood River Bdge W Exp Jnt	15.58	16.91	1.33	2	7.2	0	1.9	R	Killaloe Hagarty and Richards	1654	80	81.8	MICRO	210,444	72	2027					210,444												
581699		58	Round Lake Rd	Sherwood River Bdge E Exp Jnt-to-Deer Trail Rd	16.91	18.24	1.33	2	7.3	0	2.3	R	Killaloe Hagarty and Richards	1654	80	78.3	MICRO	211,926	68	2027					211,926												
582748		58	Round Lake Rd	Foy Park Corridor-to-Laurentian Valley Boundary	25.91	30.50	4.59	2	6.9	0	1.7	R	Killaloe Hagarty and Richards	1321	80	74.3	MICRO	716,040	64	2027					716,040												
583101		58	Round Lake Rd	Laurentian Valley Bndry-to-C309 (Garipey Creek Culvert)	30.50	35.14	4.64	2	7.2	0	1.7	R	Laurentian Valley	1321	80	79.1	MICRO	734,181	69	2027					734,181												
585344		58	Round Lake Rd	Henan Road-to-Hwy 17	54.21	54.97	0.76	2	7.4	0	2.4	R	Laurentian Valley	2518	80	78.7	MICRO	121,947	69	2027					121,947												
585627		58	Round Lake Rd	Hwy 17-to-B Line Rd	54.97	56.23	1.26	2	7.1	0.5	2.2	R	Laurentian Valley	2556	80	78.3	MICRO	212,004	68	2027					212,004												
585756		58	Round Lake Rd	B Line Rd-to-TV Tower Rd	56.23	58.69	2.46	2	7.1	0.5	2.1	R	Laurentian Valley	3836	70	84.5	MICRO	413,913	75	2027					413,913												
586008		58	Bruham Ave	TV Tower Rd-to-Lorne St East	58.69	59.67	0.98	2	7.1	1.6	1	S	Laurentian Valley	4488	50	84.3	MICRO	188,916	74	2027					188,916												
586110		58	Bruham Ave	Lorne St East-to-Boundary Rd	59.67	60.04	0.37	2	7.4	0	0	U	Laurentian Valley	4526	50	77.2	MICRO	59,369	67	2027					59,369												
621744		62	John St.	County Picnic Area Rd-to-Barry's Bay South Limit	17.01	18.77	1.76	2	7.0	1.1	1.9	S	Madawaska Valley	2418	60	68.2	R1	576,350	53	2027					576,350												
641890		64	Opeongo Rd	Constant Lake Rd-to-Hwy 41	19.18	24.51	5.33	2	6.8	0.9	0.9	R	Bonnechere Valley	398	80	77.9	R1	1,680,777	68	2027					1,680,777												
650000		2	65	Centennial Lake Rd	Doyle Drive-to-Centennial Lake Bdge N Exp Jnt	2.05	3.60	1.55	2	6.5	0	1	R	Greater Madawaska	335	80	37.1	B&S 1	652,550	16	2027					652,550											
650363		65	Centennial Lake Rd	Centennial Lake Bdge S Exp Jnt-to-Morrow Lake Rd	3.60	5.61	2.01	2	6.8	0	1.3	R	Greater Madawaska	335	80	36	B&S 1	846,210	15	2027					846,210												
660300		66	Wilno South Rd	Inukshuk Rd-to-Opeongo Rd N	2.93	5.33	2.40	2	6.4	0.4	1	R	Madawaska Valley	314	80	40.5	REC-1	1,599,326	19	2027					1,599,326												

10 Year Capital Plan 2023-2032																																				
Road Sections																																				
Asset ID	Split ID	Road No.	Road Name	Section Description	From LR	To LR	Length (km)	Lanes	Surface Width (m)	Paved Should. (m)	Gravel Should. (m)	X Sec.	Municipality	AADT	Posted Speed	Current PCI	Program	Cost	PCI @ Plan Year	Plan Year	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032						
<b>ANNUAL TOTAL</b>																					\$ 21,052,491	\$ 27,826,017	\$ 27,522,883	\$ 28,048,881	\$ 29,062,876	\$ 26,692,879	\$ 26,144,778	\$ 24,023,885	\$ 21,764,105	\$ 22,973,411						
690787		69	Siberia Rd	Pipedream Lane-to-Yakabuski Rd	8.12	9.48	1.36	2	7.1	0	1.5	R	Madawaska Valley	204	80	59.5	R1	387,629	45	2027					387,629											
690942		69	Siberia Rd	Yakabuski Rd-to-710 Siberia Rd	9.48	10.66	1.18	2	7.1	0	1.1	R	Madawaska Valley	1113	80	64.8	R1	336,325	50	2027					336,325											
691057		69	Siberia Rd	710 Siberia Rd-to-Kartuzy Rd	10.66	11.67	1.01	2	7.0	0	1.9	R	Madawaska Valley	1113	80	59.8	R1	285,830	45	2027					285,830											
691157		69	Siberia Rd	Kartuzy Rd-to-Trader Lane	11.67	13.13	1.46	2	7.0	0	1.3	R	Madawaska Valley	1113	60	61.9	R1	413,180	47	2027					413,180											
700983		70	Ruby Rd	Hoffman Rd-to-Zadow Rd	9.72	11.80	2.07	2	6.6	0.9	0.8	R	Bonnechere Valley	292	80	77.3	R1	645,325	67	2027					645,325											
720000		72	Ridge Road	Hwy 17-to-Avon Road	0.00	0.30	0.30	2	7.5	0	1	S	Deep River	1983	40	80.5	MICRO	48,471	71	2027					48,471											
720288		72	Ridge Road	Avon Road-to-Dalton St	0.30	0.70	0.40	2	7.5	0	1	S	Deep River	2365	40	80.5	MICRO	64,629	71	2027					64,629											
5081619		508	Calabogie Rd	Cty Rd 511 (Lanark Rd)-to-Kubiseski Rd	16.65	18.06	1.41	2	6.5	0	1.9	R	Greater Madawaska	2308	80	61.2	R1	399,030	46	2027					399,030											
5081760		508	Calabogie Rd	Kubiseski Rd-to-Public Picnic Area N. Ent. (CA 4099)	18.06	19.59	1.53	2	6.5	0	1.9	R	Greater Madawaska	2308	80	57.8	R1	432,990	43	2027					432,990											
5081904		508	Calabogie Rd	Public Picnic Area N. Entrance-to-Norway Lake Rd	19.59	22.93	3.34	2	6.7	0	1.8	R	Greater Madawaska	2308	80	57.6	R1	945,220	43	2027					945,220											
5111132		511	Lanark Road	Calabogie Bridge N Exp Jnt-to-K&P Trail	11.02	11.46	0.44	2	7.0	0	0	U	Greater Madawaska	897	50	85.4	MICRO	68,640	75	2027					68,640											
5111135		511	Lanark Road	K&P Trail-to-CR 508 (Calabogie Rd)	11.46	12.27	0.81	2	6.9	0.6	0.5	R	Greater Madawaska	897	60	80	MICRO	136,288	70	2027					136,288											
5120000	-	512	Queens St	Hwy 60 (Killaloe Beginning)-to-Killaloe North Urban Limit	0.00	0.56	0.56	2	7.1	0	2.1	R	Killaloe Hagarty and Richards	1745	40	67.6	MICRO	87,984	53	2027					87,984											
5120000	A	512	Queens St	Killaloe North Urban Limit-to-Killaloe South Urban Limit	0.56	1.94	1.38	2	6.9	0	0	U	Killaloe Hagarty and Richards	1745	40	68.8	MICRO	215,280	54	2027					215,280											
5120199		512	Queens St	Killaloe South Urban Limit-to-Killaloe South Town Limit	1.94	3.16	1.22	2	6.6	0.5	1.4	S	Killaloe Hagarty and Richards	871	40	63	MICRO	198,477	48	2027					198,477											
5140000		514	Schutt Rd	Hwy 28-to-Genricks Rd	0.00	1.01	1.01	2	7.3	0	1.1	R	Brudenell Lyndoch & Raglan	596	80	70.7	PR1	370,360	61	2027					370,360											
5140101		514	Schutt Rd	Genricks Rd-to-Walters Rd	1.01	3.50	2.49	2	7.1	0	1.3	R	Brudenell Lyndoch & Raglan	596	80	68.5	PR1	900,295	54	2027					900,295											
5140356		514	Schutt Rd	Walters Rd-to-Moccasin Lake Rd	3.50	4.43	0.93	2	6.9	0.8	1.1	R	Brudenell Lyndoch & Raglan	596	80	72.1	PR1	369,642	62	2027					369,642											
5140489		514	Schutt Rd	Moccasin Lake Rd-to-Cedar Grove Rd	4.43	6.17	1.74	2	6.7	1	1	R	Brudenell Lyndoch & Raglan	628	60	74.2	PR1	700,512	64	2027					700,512											
5140625		514	Schutt Rd	Cedar Grove Rd-to-Raglan White Lake Rd	6.17	9.19	3.02	2	7.3	0	1.1	R	Brudenell Lyndoch & Raglan	628	80	70.7	PR1	1,107,412	61	2027					1,107,412											
5140924		514	Schutt Rd	Raglan White Lake Rd-to-Raglan Twp Dump Rd	9.19	12.29	3.10	2	7.4	0	1.5	R	Brudenell Lyndoch & Raglan	628	80	69.5	PR1	1,144,697	55	2027					1,144,697											
5141129		514	Schutt Rd	Raglan Twp Dump-to-Cty Rd 515 (Palmer Rd)	12.29	12.45	0.16	2	7.4	0	1.5	R	Brudenell Lyndoch & Raglan	628	80	69.5	PR1	59,081	55	2027					59,081											
5151830		515	Palmer Rd	Guiney Rd-to-Eneas Creek Rd	18.26	19.95	1.69	2	6.5	0	2.3	R	Brudenell Lyndoch & Raglan	691	80	48.2	PR1	606,710	27	2027					606,710											
5152000		515	Palmer Rd	Eneas Creek Rd-to-Quadeville W Urban Limit	19.95	23.20	3.25	2	6.1	0	2.6	R	Brudenell Lyndoch & Raglan	691	80	54.2	PR1	1,166,750	39	2027					1,166,750											
5152312		515	Quadeville Rd	Quadeville W Urban Limit-to-Quadeville E Urban Limit	23.20	23.59	0.39	2	10.9	0	0	U	Brudenell Lyndoch & Raglan	832	50	56.5	PR1	179,013	42	2027					179,013											
6530054		653	Chenau Rd	Cty Rd 48 (Magnesium Rd)-to-Camp Galilee Lane	0.53	1.20	0.67	2	7.5	0	2.4	R	Whitewater Region	2113	80	54.1	PR2	344,720	39	2027					344,720											
6530124		653	Chenau Rd	Camp Galilee Lane-to-Service Rd	1.20	2.95	1.75	2	7.6	0	1.8	R	Whitewater Region	2431	80	66.6	R1	516,770	52	2027					516,770											
6530707		653	Chenau Rd	Kerr Line-to-County/Quebec Boundary	7.44	8.32	0.88	2	7.9	0	1.7	R	Horton	2884	70	69.3	R1	265,050	54	2027					265,050											
10674		1	River Road	Dochart St-to-Cty Rd 3 (Usborne St)	6.49	7.70	1.21	2	9.2	0	0	U	McNab/Braeside	2912	50	81.6	MICRO	218,422	70	2028						218,422										
10797		1	River Road	Cty Rd 3 (Usborne St)-to-Braeside West Limit	7.70	8.30	0.60	2	6.6	0	2.1	S	McNab/Braeside	1600	50	84.5	MICRO	93,600	73	2028						93,600										
10859		1	River Road	Braeside West Limit-to-Toner Road	8.30	10.11	1.81	2	7.1	0	2.1	R	McNab/Braeside	1600	60	83	MICRO	284,377	71	2028						284,377										
11124	1	1	River Road	Toner Road-to-Sand Point East Limit	10.11	11.14	1.03	2	6.6	0	1.3	R	McNab/Braeside	1600	60	89	MICRO	160,680	77	2028						160,680										
11124	2	1	River Road	Sand Point East Limit-to-Mast Rd	11.14	13.20	2.06	2	6.6	0	0.8	S	McNab/Braeside	1155	50	89	MICRO	500,000	77	2028						500,000										
20472		2	White Lake Road	Claybank Bdge W Exp Jnt-to-Young Rd	4.70	5.98	1.28	2	6.9	1.1	1.2	R	McNab/Braeside	3180	80	57.3	R1	416,576	39	2028						416,576										
60000		6	Gillan Rd	Hwy 60 (O'Brien Rd)-to-Jamieson Lane	0.00	1.15	1.15	2	7.0	0.5	1.2	S	Renfrew	2405	60	72.9	R1	348,696	61	2028						348,696										
60060		6	Gillan Rd	Jamieson Lane-to-Lime Kiln Rd	1.15	2.87	1.72	2	7.5	0.6	1.1	R	Horton	2405	60	67.7	R1	545,867	50	2028							545,867									
60290		6	Gillan Rd	Lime Kiln Rd-to-Hwy 17	2.87	3.73	0.86	2	6.4	0	2.2	R	Horton	2313	60	57.7	R1	243,380	40	2028						243,380										
90000		9	Bulger Rd	Hwy 60/Cty Rd 8 (Cobden Rd)-to-Agnew Rd	0.00	2.02	2.02	2	7.0	0	1.6	R	Admaston/Bromley	861	80	87	MICRO	315,120	75	2028						315,120										

10 Year Capital Plan 2023-2032																																				
Road Sections																																				
Asset ID	Split ID	Road No.	Road Name	Section Description	From LR	To LR	Length (km)	Lanes	Surface Width (m)	Paved Should. (m)	Gravel Should. (m)	X Sec.	Municipality	AADT	Posted Speed	Current PCI	Program	Cost	PCI @ Plan Year	Plan Year	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032						
<b>ANNUAL TOTAL</b>																					\$ 21,052,491	\$ 27,826,017	\$ 27,522,883	\$ 28,048,881	\$ 29,062,876	\$ 26,692,879	\$ 26,144,778	\$ 24,023,885	\$ 21,764,105	\$ 22,973,411						
280000		28	Barron Canyon Rd	McKay/Petawawa Township Line-to-Smith Lane	0.00	1.64	1.64	2	7.0	0.5	1.5	R	Petawawa	349	80	89.5	MICRO	274,114	78	2028						274,114										
300544		30	Lake Dore Rd	Trail Blazers Rd-to-Black Creek Rd	5.54	7.65	2.11	2	6.7	0	1.7	R	North Algona Wilberforce	1633	80	55	PR2	1,050,894	37	2028						1,050,894										
310000		31	Lookout Rd	Cty Rd 49 (Lapasse Rd)-to-Desjardins Rd	0.00	3.11	3.11	2	6.8	1	0.3	R	Whitewater Region	350	80	55.9	R1	993,290	38	2028						993,290										
310316		31	Lookout Rd	Desjardins Rd-to-Lovers Lane	3.11	6.23	3.12	2	6.7	0.6	0.3	R	Whitewater Region	350	80	52.4	R1	939,722	34	2028						939,722										
310632		31	Lookout Rd	Lovers Lane-to-Cty Rd 12 (Westmeath Rd)	6.23	6.83	0.60	2	6.9	0.5	0.3	R	Whitewater Region	350	80	71.1	R1	180,716	59	2028						180,716										
341083	1	34	Whelan Rd	Kenopic Rd-to-1053 Whelan Rd	10.84	12.65	1.81	2	7.2	0	1.5	R	Admaston/Bromley	264	80	41.5	PR1	659,073	16	2028						659,073										
341083	2	34	Whelan Rd	1053 Whelan Rd-to-HWY 132	12.65	15.75	3.10	2	6.7	0	2.2	R	Admaston/Bromley	264	80	42.1	PR1	1,112,900	17	2028						1,112,900										
350086		35	Jean Av	Beginning of Urban-to-Boundary Rd E	0.83	1.07	0.24	2	7.0	1.5	1.3	U	Laurentian Valley	3334	60	83	MICRO	45,463	71	2028						45,463										
350112		35	Boundary Rd East	Cty Rd 35 (Boundary Rd E)-to-Trafalgar Rd	1.07	1.61	0.54	2	7.3	0	0	U	Laurentian Valley	6409	50	76.6	MICRO	86,045	65	2028						86,045										
540282		54	McClean Dr	Scheel Dr-to-Cty Rd 3 (Usborne St)	2.78	5.11	2.33	2	7.1	0	1.5	R	McNab/Braeside	946	80	77.7	MICRO	366,076	66	2028						366,076										
550000		55	Paquette Rd	Cty Rd 51 (Petawawa Blvd)-to-Hwy 417	0.00	2.32	2.32	2	6.9	1.1	1.2	R	Petawawa	4551	80	76.9	MICRO	416,208	65	2028						416,208										
580000		58	Round Lake Rd	Hwy 60-to-Mask Rd	0.00	2.42	2.42	2	6.9	1	1.7	R	Killaloe Hagarty and Richards	973	80	78.7	MICRO	428,755	67	2028						428,755										
580244		58	Round Lake Rd	Mask Rd-to-800 Round Lake Road Sign	2.42	3.92	1.50	2	7.0	1	1.7	R	Killaloe Hagarty and Richards	973	80	70.6	MICRO	267,429	59	2028						267,429										
580393		58	Round Lake Rd	800 Round Lake Road Sign-to-Long Meadows Rd	3.92	5.40	1.48	2	7.0	1	1.6	R	Killaloe Hagarty and Richards	973	80	82.4	MICRO	263,863	70	2028						263,863										
580543		58	Round Lake Rd	Long Meadows Rd-to-Tramore Rd	5.40	6.43	1.03	2	6.5	0.9	1.5	R	Killaloe Hagarty and Richards	973	80	81.1	MICRO	175,600	69	2028						175,600										
583697		58	Round Lake Rd	C309 (Garipey Creek Culvert)-to-Pakotina Trail	35.14	38.59	3.45	2	7.2	0	1.7	R	Laurentian Valley	1321	80	64	R1	990,298	46	2028						990,298										
583917		58	Round Lake Rd	Pakotina Trail-to-8266 Round Lake Rd	38.59	40.27	1.68	2	7.3	0	1.5	R	Laurentian Valley	1321	80	77	R1	485,628	65	2028						485,628										
584062		58	Round Lake Rd	8266 Round Lake Rd-to-Kelly Lake Rd	40.27	41.67	1.40	2	6.7	0	2.2	R	Laurentian Valley	1321	80	58.1	R1	396,200	40	2028						396,200										
584253		58	Round Lake Rd	Kelly Lake Rd-to-Long Lake Rd	41.67	43.97	2.30	2	6.8	0	2.2	R	Laurentian Valley	1321	80	54.4	R1	650,900	36	2028						650,900										
621183		62	Combermere Rd	Chapeskie Rd-to-Kingdom Hall Rd	11.43	14.88	3.45	2	7.0	0	2.6	R	Madawaska Valley	2110	80	66.9	R1	976,350	49	2028						976,350										
621530		62	Combermere Rd	Kingdom Hall Rd-to-County Picnic Area Rd	14.88	17.01	2.13	2	7.4	0	3.6	R	Madawaska Valley	2110	80	63.5	R1	620,013	46	2028						620,013										
630164	2	63	Flatt Rapids Rd	Watts Line-to-Stewartville Urban Begins	3.61	3.91	0.30	2	7.2	0.5	1.7	R	McNab/Braeside	839	50	84.9	MICRO	51,489	73	2028						51,489										
630164	3	63	Flatt Rapids Rd	Stewartville Urban Begins-to-Stewartville Urban Ends	3.91	4.23	0.32	2	7.1	2	0.7	S	McNab/Braeside	839	50	86	MICRO	64,539	74	2028						64,539										
630449		63	Stewartville Rd	Flatt Rapids Rd-to-Maple Bend Rd	4.23	5.53	1.30	2	6.8	1	0.8	R	McNab/Braeside	720	60	77.4	MICRO	228,698	65	2028						228,698										
630583		63	Stewartville Rd	Maple Bend Rd-to-Cty Rd 508 (Calabogie Rd)	5.53	7.32	1.79	2	7.0	1	1.9	R	McNab/Braeside	720	60	86.1	MICRO	318,953	74	2028						318,953										
630765		63	Anderson Rd	Cty Rd 508 (Calabogie Rd)-to-Hwy 17	7.32	8.84	1.52	2	7.0	1	1.7	R	McNab/Braeside	409	80	85.6	MICRO	271,351	74	2028						271,351										
630921		63	Miller Rd	Hwy 17-to-Clifford Sideroad	8.84	11.74	2.89	2	6.9	1	1.3	R	McNab/Braeside	260	80	80.1	MICRO	512,734	68	2028						512,734										
631213		63	Miller Rd	Clifford Sideroad-to-Cty Rd 6 (Lochwinnoch Rd)	11.74	12.70	0.97	2	6.8	1	1.2	R	McNab/Braeside	260	80	86.4	MICRO	169,895	74	2028						169,895										
650000	1	65	Centennial Lake Rd	Matawatchan Rd-to-Doyle Drive	0.00	2.05	2.05	2	6.5	0	0.9	R	Greater Madawaska	335	80	86	MICRO	319,800	74	2028						319,800										
660533		66	Opeongo Rd	Opeongo Rd N-to-Hopefield Rd	5.33	6.13	0.80	2	6.9	0	1.5	R	Madawaska Valley	472	80	43.4	R1	226,400	18	2028						226,400										
660611		66	Opeongo Rd	Hopefield Rd-to-Doyle Mountain Rd	6.13	7.94	1.81	2	6.6	0	1.1	R	Brudenell Lyndoch & Raglan	472	80	31.7	PR1	649,790	6	2028						649,790										
690000	1	69	Siberia Rd	River Rd-to-End of HMA	0.00	1.45	1.45	2	6.2	0	1.5	R	Madawaska Valley	204	80	43.2	B&S 1	610,450	18	2028						610,450										
691301		69	Siberia Rd	Trader Lane-to-Biernacki St	13.13	13.80	0.67	2	7.0	0	0	S	Madawaska Valley	2229	50	59.2	MR1-U	223,780	41	2028						223,780										
691371		69	Dunn St	Biernacki St-to-Wilno St	13.80	14.33	0.53	2	7.2	0	0	U	Madawaska Valley	2229	40	56	MR1-U	179,549	38	2028						179,549										
701194		70	Ruby Rd	Zadow Rd-to-Hoffman Rd	11.80	14.01	2.21	2	6.6	0.5	0.8	R	Bonnechere Valley	292	80	74.4	R1	653,415	62	2028						653,415										
701419		70	Ruby Rd	Hoffman Rd-to-Shingwak Inamo (Reserve Boundary)	14.01	14.95	0.94	2	6.7	0.5	1.2	R	Bonnechere Valley	292	60	82.9	R1	279,915	71	2028						279,915										

10 Year Capital Plan 2023-2032																																			
Road Sections																																			
Asset ID	Split ID	Road No.	Road Name	Section Description	From LR	To LR	Length (km)	Lanes	Surface Width (m)	Paved Should. (m)	Gravel Should. (m)	X Sec.	Municipality	AADT	Posted Speed	Current PCI	Program	Cost	PCI @ Plan Year	Plan Year	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032					
<b>ANNUAL TOTAL</b>																					\$ 21,052,491	\$ 27,826,017	\$ 27,522,883	\$ 28,048,881	\$ 29,062,876	\$ 26,692,879	\$ 26,144,778	\$ 24,023,885	\$ 21,764,105	\$ 22,973,411					
710000		71	Matawatchan Rd	Hwy 41-to-5655 Matawatchan Road	0.00	2.49	2.49	2	7.1	0	1.4	R	Greater Madawaska	437	80	82.1	MICRO	391,215	70	2028						391,215									
710290		71	Matawatchan Rd	5655 Matawatchan Rd-to-5266 Matawatchan Rd	2.49	4.38	1.89	2	7.0	0	1.6	R	Greater Madawaska	437	80	81.6	MICRO	294,840	70	2028						294,840									
5080547	2	508	Calabogie Rd	6761 Calabogie Road-to-Barrett Chute Road	6.36	10.06	3.70	2	6.6	0	1.7	R	Greater Madawaska	512	80	61.6	B&S 1	1,557,700	44	2028						1,557,700									
5110778		511	Lanark Road	Barryvale Rd-to-Grassy Bay Rd	7.50	9.71	2.21	2	6.6	0	1.6	R	Greater Madawaska	897	80	51.2	PR1	793,390	33	2028						793,390									
5111002		511	Lanark Road	Grassy Bay Rd-to-Madawaska River Bridge S Jnt	9.71	10.76	1.05	2	6.5	0	1.4	R	Greater Madawaska	897	60	55.6	PR1	376,950	38	2028						376,950									
5111109		511	Lanark Road	Madawaska River Bridge N Jnt-to-Calabogie Bridge S Exp. Jnt	10.80	10.99	0.19	2	6.5	0.6	0.6	S	Greater Madawaska	897	50	44.5	PR1	71,620	19	2028						71,620									
5152432		515	Quadeville Rd	Quadeville E Urban Limit-to-Jessup Rd	23.59	25.72	2.13	2	6.6	1	1.4	S	Brudenell Lyndoch & Raglan	832	80	44.2	PR1	852,061	19	2028						852,061									
5153611		515	Quadeville Rd	Yukes Dr-to-Cty Rd 512 (Foymount Rd)	35.90	40.50	4.60	2	6.7	1	1	R	Brudenell Lyndoch & Raglan	354	80	71.8	R1	1,459,876	60	2028						1,459,876									
6530304		653	Chenau Rd	Service Rd-to-Berts Rd	2.95	4.48	1.53	2	7.7	0	1.7	R	Whitewater Region	2431	80	67.3	PR2	803,215	49	2028						803,215									
10396		1	River Road	Usborne St-to-Moore St	3.78	4.39	0.61	2	7.5	0	1.6	R	McNab/Braeside	4106	80	81.3	R1	178,795	67	2029						178,795									
90728		9	Bulger Rd	Stone Hedges Rd-to-Hwy 41	7.25	11.64	4.39	2	6.7	0	1.6	R	North Algona Wilberforce	771	80	48.2	B&S 1	1,848,190	18	2029						1,848,190									
120471		12	Westmeath Rd	Old Mill Bridge Rd-to-Westmeath Twp Dump	4.66	7.88	3.22	2	6.6	0	2.2	R	Whitewater Region	507	80	51	B&S 1	1,355,620	30	2029						1,355,620									
220000		22	Grattan Rd	Hwy 41-to-Perrault Rd	0.00	2.01	2.01	2	6.8	0	1.8	R	Bonnechere Valley	588	80	73.9	MR1-R	623,100	60	2029						623,100									
220205	1	22	Grattan Rd	Perrault Rd-to-Wren Rd	2.01	4.03	2.02	2	6.8	0	2	R	Bonnechere Valley	588	80	63	MR1-R	626,200	42	2029						626,200									
220205	2	22	Grattan Rd	Wren Rd-to-Scotch Bush Rd	4.03	5.96	1.93	2	6.7	0	1.5	R	Bonnechere Valley	588	80	71.9	MR1-R	598,300	58	2029						598,300									
250000		25	Laurentian Dr	Cty Rd 51 (Petawawa Blvd)-to-Silke Dr	0.00	1.38	1.38	2	6.9	0	2.2	S	Petawawa	2280	50	61.3	PR2	688,620	40	2029						688,620									
250141		25	Laurentian Dr	Silke Dr-to-Civic Centre Rd	1.38	2.43	1.05	2	6.9	0	2.3	S	Petawawa	2280	60	60.8	PR2	523,950	40	2029						523,950									
250248	1	25	Laurentian Dr	Civic Centre Rd-to-Dundonald Dr	2.43	2.96	0.53	2	6.9	0	2.2	S	Petawawa	2524	50	60.8	PR2	264,470	40	2029						264,470									
250248	2	25	Laurentian Dr	Dundonald Dr-to-CR 16 (Victoria St)	2.96	3.42	0.46	2	7.4	2.3	0	S	Petawawa	2524	50	61.3	B&S 2	350,224	40	2029						350,224									
261257		26	Doran Rd	Hwy 17-to-Airport Rd	12.35	14.16	1.81	2	6.7	0	3.4	R	Petawawa	2607	80	84.1	MICRO	282,360	70	2029						282,360									
261441		26	Doran Rd	Airport Rd-to-Black Bay Rd	14.16	16.17	2.01	2	6.7	1.1	1.3	R	Petawawa	2632	80	85.1	MICRO	356,115	71	2029						356,115									
450000		45	Vanjumar Rd	Cty Rd 2 (White Lake Rd)-to-Russett Dr	0.00	0.54	0.54	2	7.2	0	2.9	S	McNab/Braeside	3599	60	86	MICRO	85,443	72	2029						85,443									
450439		45	Russett Dr	Scheel Dr-to-Cty Rd 63 (Miller Rd)	4.30	5.82	1.52	2	6.8	0	3.2	R	McNab/Braeside	1197	80	62.5	MR1-R	471,200	42	2029						471,200									
480000		48	Magnesium Rd	Hwy 653-to-Mine View Rd	0.00	1.94	1.94	2	7.4	0	1.8	R	Whitewater Region	866	80	85.7	MICRO	311,447	72	2029						311,447									
480200		48	Magnesium Rd	Mine View Rd-to-Cty Rd 4 (Queens Line)	1.94	4.62	2.67	2	7.2	0	2	R	Whitewater Region	295	60	86.1	MICRO	423,103	72	2029						423,103									
490000		49	Lapasse Rd	Cty Rd 21 (Beachburg Rd)-to-Glen Rd	0.00	0.63	0.63	2	7.2	0	2	S	Whitewater Region	888	60	43.8	B&S 1	269,019	14	2029						269,019									
490072		49	Lapasse Rd	Glen Rd-to-Cty Rd 31 (Lookout Rd)	0.63	3.30	2.67	2	7.0	0	1.8	R	Whitewater Region	888	80	49.3	PR1	958,530	20	2029						958,530									
520867		52	Burnstown Rd	Picket Hill Lane S Jct-to-Picket Hill Lane N Jct	8.73	9.44	0.71	2	7.0	1	0.5	R	McNab/Braeside	2343	50	86	MICRO	126,583	72	2029						126,583									
520944	1	52	Burnstown Rd	Picket Hill Lane N Jct-to-2148 Burnstown Rd	9.44	10.73	1.29	2	7.0	1	0.5	R	McNab/Braeside	2343	50	86	MICRO	229,989	72	2029						229,989									
520944	2	52	Burnstown Rd	2148 Burnstown Rd-to-2349 Burnstown Rd	10.73	11.80	1.07	2	7.0	1	0.5	R	McNab/Braeside	2343	80	86	MICRO	190,766	72	2029						190,766									
520944	3	52	Burnstown Rd	2349 Burnstown Rd-to-Canaan Rd	11.80	13.45	1.65	2	7.0	1	0.5	R	McNab/Braeside	2343	80	86	MICRO	294,171	72	2029						294,171									
521040		52	Burnstown Rd	Canaan Rd-to-Fraser Rd (McNab/Horton Line)	13.45	14.42	0.97	2	7.0	1	0.5	R	McNab/Braeside	2343	80	86	MICRO	172,937	72	2029						172,937									
580645		58	Round Lake Rd	Tramore Rd-to-1922 Round Lake Rd	6.43	9.36	2.93	2	6.6	0.7	1.3	R	Killaloe Hagarty and Richards	777	80	61.2	R1	888,418	40	2029						888,418									
580939		58	Round Lake Rd	1922 Round Lake Rd-to-John St North	9.36	10.42	1.06	2	6.6	0.8	1.4	R	Killaloe Hagarty and Richards	777	80	71.1	R1	325,693	57	2029						325,693									
581046		58	Round Lake Rd	John St North-to-Byers Creek Bdge N Exp Jnt	10.42	11.61	1.19	2	6.7	0.7	1.8	R	Killaloe Hagarty and Richards	777	80	56.9	R1	363,231	36	2029						363,231									
584491		58	Round Lake Rd	Long Lake Rd-to-Dabers Rd	43.97	45.97	2.00	2	7.2	0	2.3	R	Laurentian Valley	1984	80	68.5	R1	574,086	48	2029						574,086									
584695		58	Round Lake Rd	Dabers Rd-to-Bucholtz Rd	45.97	48.05	2.08	2	7.5	0	2.6	R	Laurentian Valley	1984	80	60.5	R1	609,663	40	2029						609,663									
584907		58	Round Lake Rd	Bucholtz Rd-to-Rahns Rd	48.05	50.27	2.22	2	7.4	0	2.5	R	Laurentian Valley	1984	80	65.9	R1	646,210	45	2029						646,210									
585134		58	Round Lake Rd	Rahns Rd-to-Cty Rd 26 (Doran Rd)	50.27	52.19	1.92	2	7.4	0	2.4	R	Laurentian Valley	2371	80	56.8	R1	558,885	36	2029						558,885									
585342		58	Round Lake Rd	Cty Rd 26 (Doran Rd)-to-Henan Road	52.19	54.21	2.02	2	7.4	0	2.4	R	Laurentian Valley	2518	80	70.7	R1	587,993	57	2029						587,993									
610211		61	Haley Rd	Orin Rd-to-Godfrey Rd	2.03	5.83	3.80	2	7.4	0	1.7	R	Whitewater Region	1455	80	60.3	MR1-R	1,212,614	39	2029						1,212,614									
610614		61	Godfrey Rd	Haley Rd-to-Hwy 17	5.83	6.70	0.87	2	7.1	0	1.8	S	Whitewater Region	678	80	71.1	MR1-U	294,001	57	2029						294,001									
620725		62	Combermere Rd	Long Lake Rd-to-Chippewa Rd	6.90	8.57	1.67	2	7.4	0	2.8	R	Madawaska Valley	2110	80	62.9	R1	486,113	42	2029						486,113									
620900		62	Combermere Rd	Chippewa Rd-to-Chapeskie Rd	8.57	11.43	2.86	2	7.3	0	2.4	R	Madawaska Valley	2110	80	63.2	R1	826,724	42	2029						826,724									



10 Year Capital Plan 2023-2032																																				
Road Sections																																				
Asset ID	Split ID	Road No.	Road Name	Section Description	From LR	To LR	Length (km)	Lanes	Surface Width (m)	Paved Should. (m)	Gravel Should. (m)	X Sec.	Municipality	AADT	Posted Speed	Current PCI	Program	Cost	PCI @ Plan Year	Plan Year	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032						
																					<b>ANNUAL TOTAL</b>						\$ 21,052,491	\$ 27,826,017	\$ 27,522,883	\$ 28,048,881	\$ 29,062,876	\$ 26,692,879	\$ 26,144,778	\$ 24,023,885	\$ 21,764,105	\$ 22,973,411
680000		68	Rockingham Rd	Cty Rd 515 (Palmer Rd)-to-2356 Rockingham	0.00	3.56	3.56	2	7.0	0.7	0.8	R	Madawaska Valley	425	80	54.7	PR1	1,405,844	34	2029							1,405,844									
720730		72	Ridge Road	Dalton St-to-Champlain St	0.70	1.33	0.63	2	9.5	0	0	U	Deep River	1746	40	66.1	MR1-U	247,995	45	2029								247,995								
730000		73	Deep River Road	Hwy 17-to-Huron/Algonquin St	0.00	0.14	0.14	2	11.3	0	0	U	Deep River	3700	40	82.7	MICRO	28,548	69	2029								28,548								
5110428		511	Lanark Road	Dolans Lane-to-Frost Lane	4.02	5.43	1.41	2	6.5	0	1.3	R	Greater Madawaska	640	80	49	PR1	506,190	19	2029								506,190								
5110567		511	Lanark Road	Frost Lane-to-Stones Lake Rd	5.43	6.44	1.01	2	6.6	0	1.7	R	Greater Madawaska	640	80	40.1	PR1	362,590	10	2029								362,590								
5110671		511	Lanark Road	Stones Lake Rd-to-Barryvale Rd	6.44	7.50	1.06	2	6.6	0	1.7	R	Greater Madawaska	640	80	62.7	PR1	380,540	42	2029								380,540								
5120540		512	Brudenell Rd	Stack Rd-to-Rochefort Rd	5.34	8.06	2.72	2	7.1	0	1.8	R	Killaloe Hagarty and Richards	304	80	50.8	PR2	1,366,975	30	2029							1,366,975									
5122576	1	512	Foymount Rd	McCaughey Mountain Rd-to-B257	25.56	27.98	2.42	2	7.0	0	1.6	R	Bonnechere Valley	1085	80	88.9	MICRO	377,520	75	2029							377,520									
5152580		515	Quadeville Rd	Jessup Rd-to-Kargus Rd	25.72	28.08	2.36	2	6.4	0.6	2.2	R	Brudenell Lyndoch & Raglan	832	80	56.2	PR1	883,550	35	2029							883,550									
5153079	2	515	Quadeville Rd	1400 Quadeville Rd-to-Yukes Dr.	33.66	35.90	2.24	2	6.7	0.3	1.5	R	Brudenell Lyndoch & Raglan	354	80	90.2	MICRO	356,928	76	2029							356,928									
6530458		653	Chenau Rd	Berts Rd-to-Queens Line	4.48	5.99	1.51	2	7.9	0	1.9	R	Whitewater Region	2884	80	58.4	PR2	800,335	37	2029							800,335									
12884		1	River Road	Mullins Rd-to-Rex Lane	28.49	30.93	2.44	2	7.0	1	1	R	Horton	805	80	92	MICRO	435,017	76	2030								435,017								
13135		1	River Road	Rex Lane-to-Cty Rd 4 (Storyland Rd)	30.93	32.06	1.13	2	7.0	1	1	R	Horton	805	80	92	MICRO	201,463	76	2030									201,463							
40000		4	Storyland Road	Hwy 17-to-Eady Rd	0.00	1.75	1.75	2	7.1	0	2.3	R	Horton	2638	80	89	MICRO	274,950	73	2030								274,950								
70000		7	Foresters Falls Rd	Hwy 17-to-Gypsy Lane	0.00	1.04	1.04	2	7.0	1	1	R	Whitewater Region	2260	80	91.2	MICRO	185,417	75	2030								185,417								
70108		7	Foresters Falls Rd	Gypsy Lane-to-Marjorie Rd	1.04	2.70	1.66	2	7.0	1	1	S	Whitewater Region	2260	60	90.8	MICRO	295,954	75	2030								295,954								
70288		7	Foresters Falls Rd	Marjorie Rd-to-Zion Line	2.70	4.50	1.80	2	7.0	1	1	R	Whitewater Region	2286	80	94.4	MICRO	320,914	78	2030								320,914								
70474		7	Foresters Falls Rd	Zion Line-to-Cty Rd 4 (Queens Line)	4.50	6.83	2.33	2	7.0	1	1	R	Whitewater Region	2286	80	91.1	MICRO	415,406	75	2030								415,406								
70847		7	Foresters Falls Rd	Beginning of semi-urban-to-Beginning of rural	10.22	10.77	0.55	2	6.6	0	1	S	Whitewater Region	596	50	52.7	REC-2	443,850	29	2030								443,850								
70878		7	Foresters Falls Rd	Beginning of rural-to-Grants Settlement Rd	10.77	11.85	1.08	2	6.7	0	1	R	Whitewater Region	596	80	52.6	REC-2	871,560	29	2030								871,560								
100000	A	10	Baskin Drive West	CR 2(Daniel Street)-to-Division Street	0.00	1.21	1.21	2	7.1	1.6	1.2	S	Arnrior	4210	50	73.1	MR1-U	499,402	57	2030								499,402								
100000		10	Division St	Baskin Drive West-to-Alexandra Street	1.21	1.97	0.76	2	7.1	1.7	1.1	S	McNab/Braeside	5315	50	70.8	REC-U	1,847,750	55	2030								1,847,750								
100077		10	Division St	Alexandra Street-to-Cty Rd 1 (River/Elgin)	1.97	2.39	0.42	2	12.0	0	0	U	McNab/Braeside	5193	50	76.8	REC-U	1,108,650	61	2030								1,108,650								
130264		13	Mountain Rd	Wilberforce/Stafford Line-to-Micksburg Rd	2.62	4.26	1.64	2	6.7	0	1.6	R	Laurentian Valley	318	80	51.8	B&S 1	690,440	28	2030								690,440								
350000		35	Jean Av	Cty Rd 36 (TV Tower Rd)-to-Beginning of Urban	0.00	0.83	0.83	2	7.0	0	1.4	R	Laurentian Valley	3334	60	64.8	MR1-R	257,300	41	2030								257,300								
490340		49	Lapasse Rd	Cty Rd 31 (Lookout Rd)-to-Pleasant Valley Rd	3.30	4.81	1.51	2	6.5	1.3	1.6	R	Whitewater Region	435	80	80.7	MICRO	270,894	65	2030								270,894								
490481		49	Lapasse Rd	Pleasant Valley Rd-to-Hawthorne Rd	4.81	6.19	1.38	2	6.5	1.3	1.2	R	Whitewater Region	435	80	85.7	MICRO	247,572	70	2030								247,572								
490619		49	Lapasse Rd	Hawthorne Rd-to-Grants Settlement Rd	6.19	8.32	2.13	2	6.5	1.3	1.2	R	Whitewater Region	435	80	85.4	MICRO	382,122	69	2030								382,122								
490835		49	Lapasse Rd	Grants Settlement Rd-to-Cty Rd 50 (Gore Line)	8.32	11.85	3.53	2	6.5	1.3	1.2	S	Whitewater Region	478	80	85.7	MICRO	633,282	70	2030								633,282								
500000	A	50	Gore Line	Jessie St-to-Wright Rd	0.11	1.41	1.30	2	7.3	0	2	R	Whitewater Region	370	80	81.3	MICRO	207,146	65	2030								207,146								
500000		50	Gore Line	Cty Rd 12 (Westmeath Rd)-to-Jessie St	0.00	0.11	0.11	2	8.9	0	0	U	Whitewater Region	370	50	86.4	MICRO	19,489	70	2030								19,489								
500143		50	Gore Line	Wright Rd-to-Hawthorne Rd	1.41	3.40	1.99	2	7.4	0	2	R	Whitewater Region	370	80	84.3	MICRO	319,310	68	2030								319,310								
500344		50	Gore Line	Hawthorne Rd-to-Canola Rd	3.40	5.07	1.67	2	7.3	0	2	R	Whitewater Region	370	80	82.9	MICRO	266,103	67	2030								266,103								
500512		50	Gore Line	Canola Rd-to-Nicolai Rd	5.07	7.40	2.33	2	7.3	0	1.9	R	Whitewater Region	370	80	83.2	MICRO	371,269	67	2030								371,269								
500748		50	Gore Line	Nicolai Rd-to-Cty Rd 49 (Lapasse Rd)	7.40	9.29	1.89	2	7.3	0	1.3	R	Whitewater Region	370	80	81.4	MICRO	301,158	65	2030								301,158								
520000		52	Burnstown Rd	Cty Rd 2 (White Lake Rd)-to-Waba Cr Bdge W Exp Jnt	0.00	0.74	0.74	2	7.0	0	0	U	McNab/Braeside	1077	50	83.7	MICRO	115,440	68	2030								115,440								
560000		56	Woito Station Rd	Cty Rd 14 (Witt Rd)-to-Alice Twp Dump (Gate 3)	0.00	1.30	1.30	2	6.4	0	1.1	R	Laurentian Valley	529	80	67.9	PR2	646,205	44	2030								646,205								
560127		56	Woito Station Rd	Alice Twp Dump (Gate 3)-to-B Line Rd	1.30	4.16	2.87	2	6.7	0	1.4	R	Laurentian Valley	529	80	61	PR2	1,429,635	37	2030								1,429,635								
560405		56	Woito Station Rd	B Line Rd-to-Hwy 41	4.16	6.54	2.38	2	7.2	0	2	R	Laurentian Valley	381	80	69	PR2	1,204,586	45	2030								1,204,586								
620000		62	Combermere Rd	Hastings County Line-to-Combermere South Urban Lt.	0.00	1.76	1.76	2	8.0	0	2.5	R	Madawaska Valley	1799	60	48.6	PR2	940,971	15	2030								940,971								
620310		62	Combermere Rd	Cty Rd 515 (Palmer Rd)-to-Pine Cliff Rd	2.77	4.84	2.07	2	7.1	0	2.8	R	Madawaska Valley	1810	80	67.3	R1	589,994	43	2030								589,994								
620520		62	Combermere Rd	Pine Cliff Rd-to-Long Lake Rd	4.84	6.90	2.06	2	7.1	0	2.8	R	Madawaska Valley	1810	80	75.7	R1	587,144	60	2030								587,144								



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																					<b>ANNUAL TOTAL</b>		\$ 21,052,491	\$ 27,826,017	\$ 27,522,883	\$ 28,048,881	\$ 29,062,876	\$ 26,692,879	\$ 26,144,778	\$ 24,023,885	\$ 21,764,105	\$ 22,973,411					
670000		67	Simpson Pit Rd	Hwy 60-to-Scenic Rd	0.00	1.98	1.98	2	7.1	0	1	R	Killaloe Hagarty and Richards	1080	80	89.4	MICRO	311,086	71	2031									311,086								
670203		67	Simpson Pit Rd	Scenic Rd-to-Mask Rd	1.98	3.98	2.00	2	6.6	0	1.5	R	Killaloe Hagarty and Richards	1080	80	89	MICRO	312,000	71	2031										312,000							
670407		67	Simpson Pit Rd	Mask Rd-to-Byers Creek Rd	3.98	6.04	2.06	2	6.7	0	1.8	R	Killaloe Hagarty and Richards	1080	80	92	MICRO	321,360	74	2031										321,360							
670617		67	Simpson Pit Rd	Byers Creek Rd-to-Buck Hill Rd	6.04	8.49	2.45	2	6.6	0	1.3	R	Killaloe Hagarty and Richards	1080	80	95	MICRO	382,200	77	2031										382,200							
670867		67	Simpson Pit Rd	Buck Hill Rd-to-Cty Rd 58 (Round Lake Rd)	8.61	10.03	1.42	2	6.8	0	0.9	S	Killaloe Hagarty and Richards	1080	80	98	MICRO	221,520	80	2031										221,520							
680652		68	Rockingham Rd	Diamond Lake Rd-to-Dovetail Rd	6.58	10.21	3.63	2	6.7	0.6	0.8	R	Madawaska Valley	425	80	60.2	PR1	1,387,327	33	2031										1,387,327							
681012		68	Rockingham Rd	Dovetail Rd-to-Guiney Rd	10.21	12.26	2.05	2	6.4	0.5	0.6	R	Madawaska Valley	425	80	70.1	R1	596,435	52	2031										596,435							
710325		71	Matawatchan Rd	5266 Matawatchan Rd-to-4877 Matawatchan Rd	4.38	6.36	1.98	2	7.1	0	1.5	R	Greater Madawaska	437	80	85.3	MICRO	311,086	67	2031										311,086							
5121155		512	Brudenell Rd	Brudenell Waste Disposal Site-to-Brudenell Village North Limit	11.32	13.82	2.50	2	6.5	0.3	2.2	R	Brudenell Lyndoch & Raglan	723	80	53.4	PR2	1,256,411	26	2031										1,256,411							
5121399	-	512	Brudenell Rd	Brudenell Village North Limit-to-Renfrew County Road 66	13.82	14.34	0.52	2	6.5	0.3	2.2	R	Brudenell Lyndoch & Raglan	723	60	53.4	PR2	261,333	26	2031										261,333							
5152817		515	Quadeville Rd	Kargus Rd-to-Sacred Heart Rd	28.08	30.70	2.62	2	6.9	0	2.3	R	Brudenell Lyndoch & Raglan	354	80	92	MICRO	408,720	74	2031										408,720							
5153079	1	515	Quadeville Rd	Sacred Heart Rd-to-1400 Quadeville Rd.	30.70	33.66	2.96	2	7.0	0	1.9	R	Brudenell Lyndoch & Raglan	354	80	92	MICRO	461,760	74	2031										461,760							
10197		1	Madawaska Blvd	B258 W Exp Jnt-to-Daniel St	1.95	1.99	0.04	4	15.0	0	0	U	Arnprior	12137	50	98	MICRO	9,806	78	2032										9,806							
10213		1	Madawaska Blvd	Daniel St-to-Elgin St	1.99	2.46	0.47	2	7.3	2.4	0	U	Arnprior	9607	50	98	MICRO	100,029	78	2032										100,029							
10262		1	Elgin Street West	Madawaska & Elgin-to-Cty Rd 10 (Division St)	2.46	3.29	0.83	2	10.1	0	0	U	Arnprior	5036	40	95	MICRO	158,151	75	2032										158,151							
10347		1	River Road	Cty Rd 10 (Division St)-to-Usborne St	3.29	3.78	0.49	2	10.3	0	0	U	McNab/Braeside	4106	50	95	MICRO	94,458	75	2032										94,458							
11330		1	River Road	Mast Rd-to-Henry Crescent	13.20	15.03	1.83	2	7.0	1	1	R	McNab/Braeside	1155	60	95	MICRO	326,263	75	2032										326,263							
11512		1	River Road	Henry Crescent-to-Lochwinnoch Rd	15.03	17.39	2.36	2	6.6	0	2	R	McNab/Braeside	1155	80	98	MICRO	368,160	78	2032										368,160							
12210		1	River Road	Castleford Bdge N Exp Jnt-to-Cty Rd 20 (Castleford Rd)	22.01	24.58	2.57	2	7.2	0	1.8	R	Horton	1057	80	86	R1	737,700	66	2032										737,700							
12464	-	1	River Road	County Road 20-to-Grantham Road	24.58	25.06	0.48	2	7.2	0	1.6	R	Horton	1345	60	60.7	PR2	242,942	31	2032										242,942							
12464	A	1	River Road	Grantham Road-to-Mullins Road	25.06	28.49	3.43	2	6.7	1.3	0.8	R	Horton	1345	80	57.8	PR2	1,992,757	28	2032										1,992,757							
20880		2	White Lake Road	Mountain View Rd-to-Robertson Line	8.73	10.04	1.31	2	7.3	0	2	R	McNab/Braeside	3238	80	98	MICRO	208,739	78	2032										208,739							
21013		2	White Lake Road	Robertson Line-to-Cty Rd 23 (Highland Rd)	10.04	13.22	3.18	2	7.0	0	2	R	McNab/Braeside	3238	80	98	MICRO	496,080	78	2032										496,080							
21334		2	White Lake Road	Cty Rd 23 (Highland Rd)-to-Waba Creek Bdge E Exp Jnt	13.22	14.17	0.95	2	7.2	0	2.3	R	McNab/Braeside	2157	60	98	MICRO	150,317	78	2032										150,317							
40752	1	4	Queens Line	Cty Rd 653 (Chenau Rd)-to-CA 1890	7.28	9.38	2.10	2	7.0	0.8	1	S	Whitewater Region	1211	80	70	PR2	1,167,660	40	2032										1,167,660							
70506		7	Foresters Falls Rd	Cty Rd 4 (Queens Line)-to-Cty Rd 21 (Beachburg Rd)	6.83	7.22	0.39	3	10.6	1	1	R	Whitewater Region	2286	80	95	MICRO	85,176	75	2032										85,176							
70538		7	Foresters Falls Rd	Cty Rd 21 (Beachburg Rd)-to-Government Rd	7.22	9.28	2.06	2	7.0	1	1	R	Whitewater Region	596	80	95	MICRO	367,269	75	2032										367,269							
70752		7	Foresters Falls Rd	Government Road-to-Harriet Street (urban begins)	9.28	9.57	0.29	2	7.1	0	1.4	R	Whitewater Region	596	60	95	MICRO	45,563	75	2032										45,563							
70788		7	Foresters Falls Rd	Harriet Street (urban begins)-to-Beginning of semi-urban	9.57	10.22	0.65	2	6.8	0	0	U	Whitewater Region	596	50	98	MICRO	101,400	78	2032										101,400							
120807		12	Westmeath Rd	Westmeath Twp Dump-to-Lovers Lane	7.88	8.97	1.09	2	6.4	0	2.2	R	Whitewater Region	507	80	56.9	PR2	543,910	27	2032										543,910							
120907		12	Westmeath Rd	Lovers Lane-to-Urban beginning	8.97	10.04	1.07	2	6.7	0	2	R	Whitewater Region	1481	80	64.6	PR2	533,930	35	2032										533,930							
210506		21	Beachburg Rd	Buchanan's Pit Entrance (1046)-to-Pappin Rd	5.09	6.19	1.10	2	6.8	0	1.7	R	Whitewater Region	1089	70	98	MICRO	170,820	78	2032										170,820							
210635		21	Beachburg Rd	Pappin Rd-to-Watchorn Dr	6.19	7.24	1.05	2	7.2	0	1.7	R	Whitewater Region	1089	70	98	MICRO	165,665	78	2032										165,665							
210746		21	Beachburg Rd	Watchorn Dr-to-Urban Beginning	7.24	7.57	0.34	2	7.1	0	1.7	R	Whitewater Region	1844	50	98	MICRO	52,633	78	2032										52,633							
212189		21	Beachburg Rd	Finchley Rd-to-Cemetery Rd	21.31	22.62	1.30	2	6.8	1.2	1.7	R	Whitewater Region	3394	80	81.6	R1	426,040	62	2032										426,040							
212323		21	Beachburg Rd	Cemetery Rd-to-Cty Rd 40 (Greenwood Rd)	22.62	24.64	2.03	2	6.8	1.2	1.5	R	Whitewater Region	3394	80	82.1	R1	664,440	62	2032										664,440							
230000	1	23	Highland Rd	Renfrew/Lanark Line-to-Sawmill Road	0.00	1.51	1.51	2	6.4	0	1.9	R	McNab/Braeside	948	80	98	MICRO	235,560	78	2032										235,560							
240408		24	White Water Rd	Hwy 17-to-Cty Rd 40 (Greenwood Rd)	3.99	6.44	2.45	2	7.4	0	2.8	R	Laurentian Valley	2360	80	98	MICRO	393,120	78	2032										393,120							

10 Year Capital Plan 2023-2032																																			
Road Sections																																			
Asset ID	Split ID	Road No.	Road Name	Section Description	From LR	To LR	Length (km)	Lanes	Surface Width (m)	Paved Should. (m)	Gravel Should. (m)	X Sec.	Municipality	AADT	Posted Speed	Current PCI	Program	Cost	PCI @ Plan Year	Plan Year	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032					
<b>ANNUAL TOTAL</b>																					\$ 21,052,491	\$ 27,826,017	\$ 27,522,883	\$ 28,048,881	\$ 29,062,876	\$ 26,692,879	\$ 26,144,778	\$ 24,023,885	\$ 21,764,105	\$ 22,973,411					
260415		26	Doran Rd	Sandy Beach Rd-to-Cty Rd 58 (Round Lake Rd)	4.08	6.08	2.00	2	6.7	0	1.8	R	Laurentian Valley	640	80	64.4	MR1-R	620,000	34	2032						620,000									
290000		29	Drive-In Rd	City of Pembroke (South Limits)-	0.00	1.06	1.06	2	7.0	0	2.2	R	Laurentian Valley	3610	60	98	MICRO	165,360	78	2032						165,360									
290112		29	Drive-In Rd	Wilson Rd-to-Clearview Crescent	1.06	2.15	1.09	2	7.0	0	2	R	Laurentian Valley	3230	60	98	MICRO	170,040	78	2032						170,040									
510371	1	51	Petawawa Blv	B Line Rd-to-Sharon Street	3.67	4.96	1.29	3	11.4	1.6	1.6	R	Petawawa	13044	80	68.1	REC-2	1,606,161	38	2032						1,606,161									
540000	2	54	McLean Dr	1887 McLean Dr	0.73	1.38	0.65	2	7.2	0	1.5	R	McNab/Braeside	946	80	78.4	R1	186,578	58	2032						186,578									
540141		54	McLean Dr	Libbys Rd-to-Scheel Dr	1.38	2.78	1.40	2	7.1	0	1.8	R	McNab/Braeside	946	80	80.5	R1	399,030	61	2032						399,030									
621965		62	Bay St.	Barry's Bay South Limit-to-Hwy 60	18.77	19.19	0.42	2	7.5	0	0	U	Madawaska Valley	3225	50	80.5	R1	123,105	61	2032						123,105									
651456		65	Centennial Lake Rd	Black Donald Access Point-to-	15.09	19.38	4.29	2	6.3	0	1.7	R	Greater Madawaska	420	80	98	MICRO	669,240	78	2032						669,240									
651874		65	Centennial Lake Rd	Deer Mountain Rd-to-Chimo Rd North	19.38	23.48	4.10	2	6.3	0	1	R	Greater Madawaska	420	80	95	MICRO	639,600	75	2032						639,600									
661531		66	Opeongo Rd	Cty Rd 68 (Letterkenny Rd)-to-Cty Rd 512 (Foymount Rd)	15.36	17.53	2.17	2	6.7	0	1.5	R	Brudenell Lyndoch & Raglan	472	80	70.8	R1	614,110	51	2032						614,110									
681207		68	Rockingham Rd	Guiney Rd-to-Letterkenny Rd	12.26	14.82	2.56	2	6.3	0	1.5	R	Brudenell Lyndoch & Raglan	425	60	61.2	PR1	920,117	31	2032						920,117									
681461		68	Letterkenny Rd	Rockingham Rd-to-Cty Rd 66 (Opeongo Rd N)	14.82	19.82	5.00	2	6.6	0	1.8	R	Brudenell Lyndoch & Raglan	318	80	67.7	PR1	1,796,077	38	2032						1,796,077									
691458		69	Dunn St	Wilno St-to-Hwy 60	14.33	14.82	0.49	2	7.2	0.7	0	U	Madawaska Valley	2640	50	80.8	MR1-U	182,364	61	2032						182,364									
700759		70	Ruby Rd	Wolfe Rd-to-Hoffman Road	7.52	9.72	2.21	2	6.8	0.7	0.9	R	Bonnechere Valley	292	80	70.8	R1	677,809	51	2032						677,809									
5081430		508	Calabogie Rd	Mill St-to-Cty Rd 511 (Lanark Rd)	14.71	16.65	1.94	2	7.0	0	2.2	R	Greater Madawaska	1815	60	98	MICRO	302,640	78	2032						302,640									
5083341		508	Calabogie Rd	Hutson Rd-to-Goshen Rd	34.21	35.61	1.40	2	7.7	0	1.8	R	McNab/Braeside	1676	80	61.7	PR2	733,530	32	2032						733,530									
5121399	A	512	Foymount Rd	County Road 66-to-Brudenell East Limit	14.34	14.72	0.38	2	6.8	0	2	S	Brudenell Lyndoch & Raglan	723	60	98	MICRO	59,280	78	2032						59,280									
5121485		512	Foymount Rd	Brudenell Village East Limit-to-Lorwell Lake Drive	14.72	17.25	2.53	2	6.8	0	1.8	S	Brudenell Lyndoch & Raglan	723	80	98	MICRO	394,680	78	2032						394,680									
5121739		512	Foymount Rd	Lorwell Lake Drive-to-Hubers Rd	17.25	18.02	0.77	2	6.9	0	2	R	Brudenell Lyndoch & Raglan	723	80	98	MICRO	120,120	78	2032						120,120									
5150833		515	Palmer Rd	Palmer Rapids Dam Rd-to-Jewellville Bdge S Exp Jnt	8.35	9.61	1.26	2	6.7	0.7	1.7	R	Brudenell Lyndoch & Raglan	867	80	73.1	R1	384,597	53	2032						384,597									
5151309		515	Palmer Rd	Cty Rd 514 (Schutt Rd)-to-Wingle Rd	13.04	15.51	2.47	2	7.0	0	2.2	R	Brudenell Lyndoch & Raglan	652	80	84	PR1	886,730	64	2032						886,730									
5151554		515	Palmer Rd	Wingle Rd-to-Latchford Bdge S Exp Jnt	15.51	15.93	0.42	2	6.4	0.5	2.3	R	Brudenell Lyndoch & Raglan	652	80	84	PR1	155,088	64	2032						155,088									
5170504	1	517	Dafoe Rd	Serran Road - to - CA 2532	4.93	5.56	0.63	2	6.5	0	1	R	Madawaska Valley	774	60	98	MICRO	98,280	78	2032						98,280									
5170504	2	517	Dafoe Rd	CA 2532-to-CA 2647	5.56	6.12	0.56	2	7.2	0	1.1	R	Madawaska Valley	774	60	98	MICRO	88,608	78	2032						88,608									
5170504	3	517	Dafoe Rd	CA 2647-to-Lower Craigmont Rd	6.12	6.49	0.37	2	6.8	0	0.9	R	Madawaska Valley	774	60	98	MICRO	57,720	78	2032						57,720									
5170664		517	Dafoe Rd	Lower Craigmont Rd-to-Cty Rd 62 (Combermere Rd)	6.49	8.15	1.66	2	7.0	0	1.5	S	Madawaska Valley	774	50	98	MICRO	258,960	78	2032						258,960									



10 Year Capital Plan 2023 - 2032																															
Bridge Structures																															
Asset ID	Structure Name	Road	Location	Municipality	Type of Structure	Deck Length (m)	Deck Width (m)	Traffic AADT	Current BCI	Description of Planned Works	Pre-Design Needed?	Cost	BCI @ Plan Year	Past Plan Year	Plan Year	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032						
<b>Annual Totals</b>																\$4,919,500	\$8,979,500	\$5,777,700	\$6,572,300	\$5,290,000	\$2,614,000	\$5,334,000	\$4,067,000	\$4,365,000	\$3,126,000						
<b>General Structure Repairs</b>																\$100,000	\$200,000	\$200,000	\$200,000	\$200,000	\$200,000	\$200,000	\$200,000	\$200,000	\$120,000	\$120,000					
B044	Douglas Bridge	5	0.3 km E of Highway 60 in Douglas	Admaston/Bromley	Cast in Place	23.45	9.2	970	68.0	Patch, WP, & Pave	No	1,800,000	66	2023	2023	\$1,800,000															
B064	Pilgrim Road Bridge	Pilgrim Road	0.5 km East of Guiney Rd	Brudenell, Lyndoch & Raglan	Steel-Bally Br	12.8	4.04	20	66.0	Deck W/s, Erosion Prot, Clean & Paint Steel	No	380,000	64	2023	2023	\$380,000															
B257	Harrington Creek Bridge	512	2.5 km E of Cormac Road	Bonnechere Valley	Cast in Place	5	6.5	545	26.0	Replace with Culvert, realign road	No	800,000	24	2023	2023	\$800,000															
B310	Ski Hill Bridge	58	3.2 km W of Stencells Rd.	Laurentian Valley	Cast in Place	9.15	10.1	1224	69.0	Replace Bridge or Superstructure	No	1,200,000	67	2023	2023	\$1,200,000															
B007	Butler Bridge	Butler Road	1 km S of Highway 60	Admaston/Bromley	Concrete	60	9	150	74.0	Patch W.proof and pave and rehab	No	1,700,000	70	2023	2024	\$20,000	\$1,700,000														
B102	Brennans Creek Bridge	512	1.45 km S of Hwy 60	Killaloe, Hagarty & Richards	Concrete	10.2	12.4	1016	64.0	Overlay, WP, & Pave	No	825,000	60	2023	2024	\$10,000	\$825,000														
B103	O'Grady Bridge	O'Grady Settlement Road	4.5 km from County Road 512	Killaloe, Hagarty & Richards	Wood/Steel	7.9	4.9	30	56.0	Install End Treatment, clean + paint struct steel, & rehab deck	Yes	265,000	52	2024	2024	\$26,500	\$238,500														
B108	Tramore Bridge	Tramore Road	0.25 km N of County Road 58	Killaloe, Hagarty & Richards	Bailey Bridge	65	3.68	200	74.0	End treatment & general maintenance and rehab	No	400,000	70	2023	2024	\$20,000	\$400,000														
B145	Combermere Bridge	62	0.5 km S of County Road 515	Madawaska Valley	Steel	73.4	12.8	1900	68.0	Patch, WP, & Pave o/a Rehab	Yes	2,800,000	64	2024	2024	\$280,000	\$2,520,000														
B156	Burnt Bridge	Burnt Bridge Road	11 km S of County Road 515	Brudenell, Lyndoch & Raglan	Precast Concrete	22.5	5	80	64.0	Repl B.O Str,Ins A.G.rail, and rehab	Yes	530,000	60	2023	2024	\$53,000	\$477,000														
B181	Peter Black Bridge	24	1.5 km E of Highway 41	Laurentian Valley	Precast Concrete	26.7	9.8	1500	65.0	Maj.Reh: deck replacement w/ semi-integral abutment conversion	Yes	1,800,000	61	2024	2024	\$180,000	\$1,620,000														
B232	Cochrane Creek Bridge	Cement Bridge Road	200 m West of Burchat Rd	North Algona/Wilberforce	Cast in Place Con	6.9	5.8	10	40.0	Replace Bridge or Superstructure	Yes	500,000	36	2023	2024	\$50,000	\$450,000														
B053	Constant Creek Bridge	Ferguson Lake Road.	5.3 km N of County Road 508	Greater Madawaska	Lessard bridge	14.2	4.97	100	51.0	Replace as per past EA	Yes	2,200,000	45	2025	2025		\$220,000	\$1,980,000													
B122	Waba Creek Bridge	52	0.7 km N of CR 2	McNab/Braeside	Concrete	10.5	8.5	520	70.0	Minor Rehab	Yes	290,000	64	2025	2025		\$29,000	\$261,000													
B123	Burnstown Bridge	52	0.3 km E of County Road 508	McNab/Braeside	Concrete	197.5	8.58	820	73.0	Repl Barr.over. Str, S.walk & Sub.Str concrete Repair and rehab	Yes	3,000,000	67	2025	2025		\$300,000	\$2,700,000													
B019	CPR Overhead	42	0.1 km E B Line Rd	Laurentian Valley	Cast in Place	48.8	9.5	2265	72.0	Inst B.O.Struct, Pier Concr repair. And rehab	Yes	1,400,000	64	2026	2026			\$140,000	\$1,260,000												
B033	Springtown Bridge	Springtown Bridge Rd	0.3 km S of County Road 508	Greater Madawaska	Concrete/Steel	82	7.6	120	74.0	Joint seal repl.and Gernal.maintenance	Yes	700,000	66	2026	2026			\$70,000	\$630,000												
B034	Constant Creek Bridge	508	4 km W of Junction of County Road 511 & 508	Greater Madawaska	Precast Concrete	21	10.5	459	74.0	Minor Rehab - Rep B.O. Str, approach GR, Rout & seal cracks.	Yes	450,000	66	2029	2026			\$45,000	\$405,000												
B055	Mountain Chute Bridge	Hydro Dam Road	5.5 km S of County Road 508	Greater Madawaska	Precast Concrete	77.65	6.05	75	72.0	Replace W.S.	Yes	300,000	64	2026	2026			\$30,000	\$270,000												
B071	Bruceton Bridge	Keller Road	5.5 km N of Highway 28	Brudenell, Lyndoch & Raglan	30' Lessard Bridge	8.4	4.91	20	66.0	Lift, Clean, & Recoat steel w/ rehab	No	100,000	58	2026	2026				\$100,000												
B091	Danny Constant Bridge	Constant Lake Road	1.5 km W of Highway 41	Bonnechere Valley	Steel	11	4.9	100	71.0	Rehab or Replace	Yes	600,000	63	2026	2026			\$60,000	\$540,000												
B106	Turner's Bridge	Turners Road	5 km W of County Road 58	Killaloe, Hagarty & Richards	Precast	24.65	6.5	200	72.0	Patch w.proof, & pave, Concr girder repair and rehab	Yes	700,000	64	2026	2026			\$70,000	\$630,000												
B121	Waba Creek Bridge	2	0.8 km W of County Road 23	McNab/Braeside	Cast In Place	11.9	11.45	3253	67.0	Repl App.G.rail, Repair S.walk, barrier & Deck Concrete and rehab	Yes	850,000	59	2026	2026			\$85,000	\$765,000												
B176	Paugh Lake Road Bridge	Paugh Lake Road	12 km N of Wilno North Road	Madawaska Valley	Timber/wood	29.65	4.3	150	68.0	Major Rehab or Replacement	Yes	982,000	60	2026	2026			\$98,200	\$883,800												

10 Year Capital Plan 2023 - 2032																														
Bridge Structures																														
Asset ID	Structure Name	Road	Location	Municipality	Type of Structure	Deck Length (m)	Deck Width (m)	Traffic AADT	Current BCI	Description of Planned Works	Pre-Design Needed?	Cost	BCI @ Plan Year	Past Plan Year	Plan Year	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032					
<b>Annual Totals</b>																<b>\$4,919,500</b>	<b>\$8,979,500</b>	<b>\$5,777,700</b>	<b>\$6,572,300</b>	<b>\$5,290,000</b>	<b>\$2,614,000</b>	<b>\$5,334,000</b>	<b>\$4,067,000</b>	<b>\$4,365,000</b>	<b>\$3,126,000</b>					
B188	Turcotte Bridge	Code Road	2.2 km NE of Micksburg Rd	Laurentian Valley	Cast in Place Con	4.25	7.93	40	27.0	Replace Structure	Yes	385,000	19	2026	2026				\$38,500	\$346,500										
B031	Madawaska River Bridge	511	1.8 km S of County Road 508	Greater Madawaska	Precast Concrete	43.3	12	562	72.0	Repair Sub.Str, Soffit Conc, Replac Ex.Joint, & Barr.O.structure, and rehab	Yes	1,560,000	62	2027	2027				\$156,000	\$1,404,000										
B032	Calabogie Bridge	511	1.3 km S of County Road 508	Greater Madawaska	Concrete	32.7	10.3	562	74.0	Rep B.O. Str,& soffit Concr repair	Yes	780,000	64	2027	2027				\$78,000	\$702,000										
B117	Mackey Creek Bridge	Mackey Creek Rd	6.2 km S of Highway 17	Head, Clara & Maria	Hybrid	8	4.7	30	67.0	New Timber deck & Rehab	Yes	130,000	57	2027	2027				\$13,000	\$117,000										
B118	Arnprior CPR Overhead	1	0.01 km S of Lot 6 Con B-McNab	McNab/Braeside	Concrete	21.45	12.1	4899	74.0	S.walk concr repair, and G.maintenance and rehab	Yes	600,000	64	2027	2027				\$60,000	\$540,000										
B198	Mill Creek Bridge	21	0.2 km E of County Road 49	Whitewater Region	Precast Concrete	11.8	12.3	1480	74.0	Overlay, WP, & Pave, Replace Barrs., and Rehab	Yes	850,000	64	2027	2027				\$85,000	\$765,000										
B200	Bonnechere River Lower Bridge	John Street	0.65 km E of Bridge St (HWY 41)	Bonnechere Valley	Precast Concrete	33.1	11.4	500	71.0	Patch,Repl B.O.Str,Patch and rehab	Yes	1,500,000	61	2027	2027				\$150,000	\$1,350,000										
B021	Indian River - B-Line Bridge	B-Line Road	1.5 km N of Witt Road	Laurentian Valley	Cast in Place	38	10.4	2000	71.0	S.Str Concrete repair and paint Str steel and rehab	Yes	900,000	59	2028	2028					\$90,000	\$810,000									
B074	Fire Tower Creek Bridge	Fire Tower Road	1 km E of County Road 515	Brudenell, Lyndoch & Raglan	30' Lessard Bridge	6	5	10	67.0	Lift, Clean, & Recoat steel w/ rehab	Yes	100,000	55	2028	2028					\$10,000	\$90,000									
B105	Coulas Bay's Bridge	Bear Trail Road	1.5 km W of County Road 58	Killaloe, Hagarty & Richards	30' Lessard Bridge	6.7	4.3	5	70.5	Lift, Clean, & Recoat steel w/ rehab	Yes	100,000	59	2028	2028					\$10,000	\$90,000									
B158	Meilleurs Bridge	Meilleurs Road	0.9 km S of Highway 17	Laurentian Hills	Cast in Place Con	4.6	5.5	30	66.0	Deck, and S.Str Concr repair, Repl Barrier,Inst Appr G.rail, Abutment repair and replace	Yes	220,000	54	2028	2028					\$22,000	\$198,000									
B179	Golden Lake Reserve Bridge	70	0.7 km S of Highway 60 at Golden Lake	North Algona/Wilberforce	Precast Concrete	39.1	12	1500	75.0	General maintenance and rehab	Yes	800,000	63	2028	2028					\$80,000	\$720,000									
B023	Zanders Bridge	Zanders Rd	2 km E of County Road 26	Laurentian Valley	Precast Concrete	22.5	9.46	100	71.0	Overlay W.proof, End treatment.Crk sealing	Yes	350,000	57	2029	2029					\$35,000	\$315,000									
B096	Centennial Lake Bridge	65	4 km E of Camel Chute	Greater Madawaska	Concrete	121.88	9.1	285	75.0	Mill & Pave/ Minor Rehab	Yes	850,000	61	2029	2029					\$85,000	\$765,000									
B100	Sherwood River Bridge	58	17 km N of Highway 60	Killaloe, Hagarty & Richards	Precast Concrete	24.5	10	1496	69.0	General maintenance and rehab	Yes	560,000	55	2029	2029					\$56,000	\$504,000									
B143	McDonnells Bridge	19	2.2 km N of County Road 24	Laurentian Valley	Precast Concrete	85.1	10.46	1860	74.0	General Repairs	Yes	750,000	60	2029	2029					\$75,000	\$675,000									
B144	Johnston Bridge	19	0.8 km S of Olympic Drive (formerly Highway 41)	Laurentian Valley	Precast Concrete	13.26	11.45	1860	72.0	General Repairs	Yes	300,000	58	2029	2029					\$30,000	\$270,000									
B153	Jewellville Bridge	515	3.7 km W of Jct County Road 514/County Road 515	Brudenell, Lyndoch & Raglan	Precast Concrete	73	9.5	1375	73.0	Patch, WP & Pave with Rehab	Yes	1,800,000	59	2029	2029					\$180,000	\$1,620,000									
B173	Byers Creek Bridge	58	13 km N of Jct. Highway 60	Killaloe, Hagarty & Richards	Precast	19	7.5	851	74.0	General maintenance and rehab	Yes	450,000	60	2029	2029					\$45,000	\$405,000									
B226	Black Creek Bridge	Black Creek Rd	3.2 km N of County Road 30	North Algona/Wilberforce	Precast Concrete	9.35	4.7	153	95.0	Lift, Clean, & Recoat steel w/ rehab	No	200,000	81	2029	2029						\$200,000									
B127	Stewartville Bridge	Stewartville Road	0.2 km S of Stewartville	McNab/Braeside	Concrete	80.5	9.5	600	73.0	Patch, WP, & Pave	Yes	1,700,000	57	2030	2030						\$170,000	\$1,530,000								
B184	Hales Creek Bridge	Golf Course Road	0.5 km S of County Road 51	Laurentian Valley	Concrete	10.07	9.45	500	74.4	General rehab	Yes	250,000	58	2030	2030						\$25,000	\$225,000								
B185	Moffat Canal Bridge	Forest Park Road	1 km N of County Road 21	Laurentian Valley	Cast in Place	13.7	9.18	350	74.0	General rehab	Yes	350,000	58	2030	2030						\$35,000	\$315,000								
B233	Latchford Bridge	515	2.8 km E of Jct County Road 514/County Road 515	Brudenell, Lyndoch & Raglan	Precast Concrete	61	9.35	487	75.0	General maintenance and rehab	Yes	1,500,000	59	2030	2030						\$150,000	\$1,350,000								
B018	Davis Mills Bridge	26	3.1 km S of Round Lake Rd (CR 58)	Laurentian Valley	Concrete/Steel	50	11	370	74.0	Soffit & S.Str Concr repair, and rehab	Yes	800,000	56	2031	2031							\$80,000	\$720,000							

10 Year Capital Plan 2023 - 2032																														
Bridge Structures																														
Asset ID	Structure Name	Road	Location	Municipality	Type of Structure	Deck Length (m)	Deck Width (m)	Traffic AADT	Current BCI	Description of Planned Works	Pre-Design Needed?	Cost	BCI @ Plan Year	Past Plan Year	Plan Year	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032					
<b>Annual Totals</b>																<b>\$4,919,500</b>	<b>\$8,979,500</b>	<b>\$5,777,700</b>	<b>\$6,572,300</b>	<b>\$5,290,000</b>	<b>\$2,614,000</b>	<b>\$5,334,000</b>	<b>\$4,067,000</b>	<b>\$4,365,000</b>	<b>\$3,126,000</b>					
B110	Captain Christopher Bell Bridge	1	2.6 km E of County Road 20	Horton	Cast in Place	90	10	3194	75.0	Mill & Pave/ Minor Rehab	Yes	800,000	57	2031	2031								\$80,000	\$720,000						
B186	Third Line Bridge	Stafford Third Line	3.5 km NW of CR 13	Laurentian Valley	Precast Concrete	17	8.63	250	75.0	General rehab	Yes	450,000	57	2031	2031								\$45,000	\$405,000						
B224	Snake River Bridge	Snake River Road	2.3 km S of County Road 13	Whitewater Region	Cast in Place	28.5	9.45	150	74.0	App.W.Surface,G.rail maintenance	Yes	1,300,000	56	2031	2031								\$130,000	\$1,170,000						
B258	Madawaska River Bridge	1	0.1 km E of CR 2 (Daniel St. N.)	Arnprior	Precast Concrete	215.5	17.05	14968	75.0	Replace Bearings & minor rehab	Yes	800,000	57	2031	2031								\$80,000	\$720,000						
B311	Indian River Bridge	58	2.4 km W of Stencells Rd	Laurentian Valley	Precast Concrete	9.25	10.12	1050	74.0	General Rehab	Yes	320,000	56	2031	2031								\$32,000	\$288,000						
B092	Balaclava Bridge	Scotch Bush Road	2.6 km N of Hwy 132	Bonnechere Valley	Concrete	11.34	8.91	186	72.0	General Rehabilitation/maintenance	Yes	320,000	52	2032	2032									\$32,000	\$288,000					
B095	Hyland Creek Bridge	Hyland Creek Road	4 km N of Highway 41	Greater Madawaska	Timber/wood	15	4.5	70	61.0	Replacement or Super Rep	Yes	600,000	41	2032	2032									\$60,000	\$540,000					
B120	Clay Bank Bridge	2	1.9 km South of HWY 417	McNab/Braeside	Cast in Place Con	350	10	2327	75.0	Mill & Pave/ Minor Rehab	Yes	1,400,000	55	2032	2032								\$140,000	\$1,260,000						
B259	Glenfield Creek Bridge	71	11 km S of Highway 41 Between Griffith & Matawatchan	Greater Madawaska	Cast in Place Con	26	9.37	377	74.0	General rehab	Yes	1,100,000	54	2032	2032								\$110,000	\$990,000						
B073	Kargus Creek Bridge	Kargus Road	1.2 km S of CR 515 (Quadeville Rd)	Brudenell, Lyndoch & Raglan	30' Lessard Bridge	9.14	5	50	75.0	Minor Rehab	No	100,000	53	2033	2033															
B202	Cameron Street Bridge	Cameron Street	0.5 km S of CR 512	Killaloe, Hagarty & Richards	Precast	25.6	7.9	200	85.0	Minor Rehab	Yes	480,000	63	2033	2033										\$48,000					

10 Year Capital Plan 2023 - 2032																																	
Culvert Structure																																	
Asset ID	Structure Name	Road	Location	Municipality	Type	AADT	BCI	Description of Work	Pre Design Needed?	Cost	BCI @ Plan Year	Prev Plan Year	Plan Year	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032										
<b>Annual Totals</b>														<b>\$4,942,000.00</b>	<b>\$6,511,000.00</b>	<b>\$5,037,500.00</b>	<b>\$3,793,500.00</b>	<b>\$3,951,000.00</b>	<b>\$2,362,000.00</b>	<b>\$3,507,000.00</b>	<b>\$4,743,000.00</b>	<b>\$4,616,000.00</b>	<b>\$3,426,000.00</b>										
C025	Borne Road Culvert	Borne Road	0.75 km W of CR 58	Laurentian Valley	FRR	160	30.0	Major Rehab	No	800,000	29	2023	2023	\$800,000.00																			
C115	Dunlop Crescent Dual Culvert	Dunlop Crescent	0.1 km N of Highway 17	Head, Clara & Maria	CSPA	100	40.0	Replacement	No	415,000	37	2023	2023	\$415,000.00																			
C137	Hanson Creek Culverts	Robertson Line	2 km W of County Road 2	McNab/Braeside	CSP	100	56.8	Replace, larger	No	600,000	54	2023	2023	\$600,000.00																			
C191	Dicks Road Culvert	Dicks Road	0.8 km N of Micksburg Road	Laurentian Valley	SPCSP	20	21.0	Replacement	No	200,000	18	2023	2023	\$200,000.00																			
C197	Etmanskie Swamp Culvert	62	0.6 km S of HWY 60	Madawaska Valley	FRR	2865	45.2	Box Liner	No	1,300,000	44	2023	2023	\$1,300,000.00																			
C204	Bellows Creek Culvert	12	4.5 km E of County Road 21	Whitewater Region	FRA	1075	42.0	Rehab	No	600,000	41	2023	2023	\$600,000.00																			
C325	Neilson Creek Culvert	Lake Clear Road	2.2 km S of Foymount Rd (512)	Bonnechere Valley	CSP	200	21.0	Replacement	Yes	500,000	18	2023	2023	\$450,000.00																			
C001	Berlanquet Creek Culvert	5	4 km W of HWY 132	Admaston/Bromley	SPCSP	1180	68.0	Invert Liner	Yes	400,000	62	2023	2024	\$40,000.00	\$360,000.00																		
C012	Farquharson's Culvert	S. McNaughton Road	0.75 km N of Highway 132	Admaston/Bromley	SPCSP	564	55.0	Rehab	No	200,000	49	2024	2024		\$200,000.00																		
C040	Snake River Culvert	8	2 km E of Micksburg Road	Admaston/Bromley	FRR	2060	70.0	Replacement	Yes	250,000	67	2024	2024	\$25,000.00	\$225,000.00																		
C051	Harris Creek Culvert	Proven Line	0.5 km N of Barr Line	Admaston/Bromley	SPCSPE	2	27.0	Replacement	Yes	200,000	21	2024	2024	\$20,000.00	\$180,000.00																		
C062	John Watson Culvert 2	John Watson Road	3.3 km SW of CR 66	Brudenell, Lyndoch & Raglan	CSP	60	31.0	Replace, larger	Yes	450,000	25	2024	2024	\$45,000.00	\$405,000.00																		
C130	Lochiel Creek Culvert North	63	0.2 km W of Highway 17	McNab/Braeside	SPCSPE	300	31.5	Replacement	Yes	400,000	26	2024	2024	\$40,000.00	\$360,000.00																		
C134	Campbell Drive Culvert	Campbell Drive	2 km W of Highway 17	McNab/Braeside	SPCSPA	300	42.0	Replacement	No	600,000	36	2023	2024		\$600,000.00																		
C136	Robertson Twin Pipes	Robertson Line	1.5 km E of County Road 2	McNab/Braeside	SPCSPA	150	49.0	Replacement	Yes	610,000	43	2024	2024	\$61,000.00	\$549,000.00																		
C201	Broomes Creek Culvert	7	0.1 km E of Foresters Falls	Whitewater Region	FRA	480	19.0	Reconstruct Dam & Rehab Structure	Yes	2,000,000	16	2024	2024	\$200,000.00	\$1,800,000.00																		
C215	Elm Creek Culverts	Snake River Line	1 km N of Waterview Road, Lot: 8, 26, Conc.: 1, 1	Whitewater Region	SPCSP	250	27.0	Replacement	Yes	360,000	21	2024	2024	\$36,000.00	\$324,000.00																		
C221	Kenny's Culvert	Pleasant Valley Road	0.5 km N of County Road 12	Whitewater Region	SPCSP	150	54.1	Replacement	Yes	200,000	48	2024	2024	\$20,000.00	\$180,000.00																		
C268	St. Columbkille's Culvert	58	50 m S of TV Tower Rd	Laurentian Valley	Box	1425	62.0	Rehab	Yes	900,000	59	2024	2024	\$90,000.00	\$810,000.00																		
C010	Rath's Culvert	S. McNaughton Road	1.5 km E of Culhane Road	Admaston/Bromley	SPCSP	363	58.0	Replacement	Yes	700,000	49	2025	2025		\$70,000.00	\$630,000.00																	
C014	Labombard Culvert	Chris Ruddy Road	0.5 km S of County Road 5	Admaston/Bromley	SPCSPA	30	44.0	Replacement	Yes	250,000	35	2025	2025		\$25,000.00	\$225,000.00																	
C024	Cliché Culvert	Sandy Beach Road	1.5 km W of County Road 26	Laurentian Valley	SPCSPE	150	66.9	Major Rehab	Yes	700,000	58	2025	2025		\$70,000.00	\$630,000.00																	
C168	Lake Clear Tri Culverts	Lake Clear Road	1.7 km S of County Road 512	Bonnechere Valley	SPCSP	200	64.5	Replacement	Yes	380,000	55	2025	2025		\$38,000.00	\$342,000.00																	
C170	Hurds Creek Culverts	Wittkie Road	1km S of Foymount Road	Bonnechere Valley	CSP	100	58.2	Replacement	Yes	665,000	49	2025	2025		\$66,500.00	\$598,500.00																	
C229	Burnt Bridge	Burnt Bridge Road	0.35 km N of CR 9	Laurentian Valley	FRR	2	45.6	Replacement	Yes	305,000	41	2024	2025		\$30,500.00	\$274,500.00																	
C242	Hales Creek Culvert	51	0.6 km W of County Road 42	Laurentian Valley	Box	15885	61.0	Rehab	Yes	700,000	57	2025	2025		\$70,000.00	\$630,000.00																	
C250	Pleasant Valley Culvert	Grants Settlement Road	1.4 km S of Lapasse Road (CR 49)	Whitewater Region	AOF	250	67.1	Rehab or Replace	Yes	800,000	63	2024	2025		\$80,000.00	\$720,000.00																	
C323	Hoffmans Box Culvert	58	0.4 km W of Borne Rd	Laurentian Valley	Box	2091	54.0	Rehab	Yes	400,000	50	2025	2025		\$40,000.00	\$360,000.00																	
C330	McLeads Culvert	52	100m S of McLeod Rd on CR 52	McNab/Braeside	CSP	724	48.0	Replacement	Yes	280,000	39	2025	2025		\$28,000.00	\$252,000.00																	
C045	Agnew Culvert (South Fork)	Agnew Road	2 km NE of County Road 9	Admaston/Bromley	SPCSPA	80	53.0	Replacement	Yes	340,000	41	2026	2026			\$34,000.00	\$306,000.00																

RETURN TO AGENDA

Asset ID	Structure Name	Road	Location	Municipality	Type	AADT	BCI	Description of Work	Pre Design Needed?	Cost	BCI @ Plan Year	Prev Plan Year	Plan Year	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032		
<b>Annual Totals</b>														<b>\$4,942,000.00</b>	<b>\$6,511,000.00</b>	<b>\$5,037,500.00</b>	<b>\$3,793,500.00</b>	<b>\$3,951,000.00</b>	<b>\$2,362,000.00</b>	<b>\$3,507,000.00</b>	<b>\$4,743,000.00</b>	<b>\$4,616,000.00</b>	<b>\$3,426,000.00</b>		
C066	Voldeeks Culvert	Letterkenny Road	8.5 km S of County Road 512	Brudenell, Lyndoch & Raglan	CSP	150	61.8	Replacement	Yes	210,000	50	2026	2026			\$21,000.00	\$189,000.00								
C093	Bradley West Culvert	64	3 km W of Highway 41	Bonnechere Valley	FRR	210	72.0	Replacement	Yes	390,000	66	2026	2026			\$39,000.00	\$351,000.00								
C189	Ross Road Triple Cell	Ross Road	1.2 km NE of County Road 11	Laurentian Valley	FRR	100	66.0	Replacement	Yes	265,000	60	2026	2026			\$26,500.00	\$238,500.00								
C245	Indian Road Culvert	21	0.003 km E of Indian Road	Whitewater Region	Box	1515	59.6	Replacement	Yes	400,000	54	2026	2026			\$40,000.00	\$360,000.00								
C265	Peter Black Culvert	24	400m from Stafford 3rd Line	Laurentian Valley	SPCSP	1480	57.0	Replacement	Yes	540,000	45	2026	2026			\$54,000.00	\$486,000.00								
C305	Latchford Church Pipes	515	0.62 km E of Lacharty Rd	Brudenell, Lyndoch & Raglan	CSPA	615	66.7	Replacement	Yes	500,000	55	2026	2026			\$50,000.00	\$450,000.00								
C308	Tomisini's Culvert	58	0.3 km W of Red Rock Road	Killaloe, Hagarty & Richards	CSP	1425	63.1	Replacement	Yes	320,000	51	2026	2026			\$32,000.00	\$288,000.00								
C315	Ross Road Double Cell	Ross Road	0.15 km S of Micksburg Road	Laurentian Valley	FRR	100	73.5	Replacement	Yes	290,000	68	2026	2026			\$29,000.00	\$261,000.00								
C331	Rockingham Creek Box Culvert	62	at Martin Recoskie Rd	Madawaska Valley	Box		70.9	Rehab	Yes	500,000	65	2026	2026			\$50,000.00	\$450,000.00								
C050	Eady Culvert	Snake River Road	1.5 km E of Highway 17	Admaston/Bromley	SPCSPA	150	59.8	Line or Replace	Yes	390,000	45	2027	2027				\$39,000.00	\$351,000.00							
C119	Dochart Creek Culvert	1	0.02 km N of Moore Street	McNab/Braeside	FRR	4899	73.0	Rehab	Yes	720,000	66	2027	2027				\$72,000.00	\$648,000.00							
C125	McGregor Culvert	Lochwinnoch Road	2.3 km S of County Road 1	McNab/Braeside	SPCSPA	150	56.4	Replacement	Yes	700,000	41	2027	2027				\$70,000.00	\$630,000.00							
C126	Madawaska River Culvert	508	17.1 km S of Highway 17	Greater Madawaska	FRR	2040	72.0	Replacement	Yes	1,100,000	65	2027	2027				\$110,000.00	\$990,000.00							
C235	Devines Creek Culvert	512	1.8 km N of Brudenell	Brudenell, Lyndoch & Raglan	SPCSPA	545	66.0	Replacement	Yes	470,000	51	2027	2027				\$47,000.00	\$423,000.00							
C246	Culhane Culvert	Culhane Road	0.5 km W of McNaughton Line East Junction	Admaston/Bromley	SPCSPA	78	51.6	Replacement	Yes	540,000	37	2027	2027				\$54,000.00	\$486,000.00							
C316	Kenny's Culvert	Stafford Third Line	0.4 km E of Cty Rd 24	Laurentian Valley	SPCSPA	400	60.5	Replacement	Yes	220,000	46	2027	2027				\$22,000.00	\$198,000.00							
C052	Peever Culvert	McGuinty Road	0.6 km S of Snake River Line	Admaston/Bromley	CSP	50	63.6	Replacement w/ road widening	Yes	350,000	46	2028	2028					\$35,000.00	\$315,000.00						
C135	Ryan Creek Culvert	Campbell Drive	3.5 km W of Highway 17	McNab/Braeside	SPCSP	300	69.3	Replacement	Yes	450,000	51	2028	2028					\$45,000.00	\$405,000.00						
C160	Broomes Creek Culvert	Grant's Settlement Road	1.3 km N of County Road 7	Whitewater Region	SPCSP	500	70.3	Rehab	Yes	1,000,000	52	2028	2028					\$100,000.00	\$900,000.00						
C254	Alan James Culvert	4	0.1 km S of County Road 7	Whitewater Region	SPCSP	811	62.0	Replacement	Yes	450,000	44	2028	2028					\$45,000.00	\$405,000.00						
C109	Thompson Hill Culvert	52	0.6 km S of Pucker St	Horton	SPCSPA	2350	64.0	Replacement	Yes	690,000	43	2029	2029						\$69,000.00	\$621,000.00					
C164	Wilderness Arch	Rafting Road	0.4 km E of Grant Settlement Road	Whitewater Region	AOF	600	81.0	Replacement	Yes	460,000	71	2029	2029						\$46,000.00	\$414,000.00					
C236	Brennans Creek Culvert	512	1.2 km N of Opeongo Road	Killaloe, Hagarty & Richards	SPCSP	1016	69.1	Replacement	Yes	1,900,000	48	2029	2029					\$190,000.00	\$1,710,000.00						
C243	Worms Culvert	20	0.5 km N of Highway 17	Horton	CSPA	810	48.8	Replacement	Yes	320,000	28	2029	2029					\$32,000.00	\$288,000.00						
C038	Mink Creek Culvert	8	2.1 km E of Highway 60	Admaston/Bromley	SPCSP	1515	68.0	Replacement	Yes	590,000	44	2030	2030						\$59,000.00	\$531,000.00					
C069	Eneas Road Culvert	Eneas Creek Rd	0.2 km S of County Road 515	Brudenell, Lyndoch & Raglan	SPCSPA	50	54.0	Replacement	Yes	390,000	30	2030	2030						\$39,000.00	\$351,000.00					
C082	Raycroft Culvert	64	7.6 km W of Highway 41	Bonnechere Valley	FRR	210	74.0	Replacement	Yes	1,200,000	62	2030	2030						\$120,000.00	\$1,080,000.00					
C087	Dellaires Culvert	Constant Lake Road	4.5 km W of Scotch Bush Road	Bonnechere Valley	CSP	150	53.2	Replacement	Yes	300,000	29	2030	2030						\$30,000.00	\$270,000.00					
C146	McPhee Road Culvert	McPhees Bay Road	0.5 km S of County Road 515	Madawaska Valley	CSPA	50	49.2	Replacement	Yes	180,000	25	2030	2030							\$18,000.00	\$162,000.00				
C148	Halfway Creek Culvert	Old Barrys Bay Road	7 km N of County Road 62	Madawaska Valley	CSPA	400	58.0	Replacement	Yes	450,000	34	2030	2030							\$45,000.00	\$405,000.00				
C206	Gervais Creek Culvert	49	1.5 km S of Lapasse	Whitewater Region	SPCSP	735	72.0	Replacement	Yes	730,000	48	2030	2030							\$73,000.00	\$657,000.00				
C216	Elm Creek Tri Pipes	Waterview Road	1 km SW of Highway 17	Whitewater Region	SPCSP	50	57.0	Replacement	Yes	390,000	33	2030	2030							\$39,000.00	\$351,000.00				
C241	Tims Waba Creek Bridge	23	2.3 km S of County Road 2	McNab/Braeside	AOF	765	69.3	Replacement	Yes	510,000	57	2030	2030							\$51,000.00	\$459,000.00				
C070	Homestead Creek Culvert	Homestead Road	0.5 km S of County Road 515	Brudenell, Lyndoch & Raglan	CSP	30	63.0	Replacement	Yes	560,000	36	2031	2031								\$56,000.00	\$504,000.00			
C083	Sand Road Twin Pipes	Sand Road	0.5 km W of County Road 512	Bonnechere Valley	SPCSP	200	63.0	Replacement	Yes	440,000	36	2031	2031								\$44,000.00	\$396,000.00			
C225	Black Creek Culvert	30	6.7 km W of HWY 41	North Algona/Wilberforce	CSPA	1020	72.0	Replacement	Yes	600,000	45	2031	2031								\$60,000.00	\$540,000.00			
C249	Drive In Theatre Culvert	42	0.2 km E of B-Line Road	Laurentian Valley	SPCSPA	2265	72.0	Replacement	Yes	650,000	45	2031	2031								\$65,000.00	\$585,000.00			
C299	Silver Creek Culverts	Silver Lake Road	1.1 km W of Wolfe Rd	Bonnechere Valley	CSP	100	58.0	Replacement	Yes	210,000	31	2031	2031								\$21,000.00	\$189,000.00			
C307	Turners Creek Culvert	58	1 km W of Jack Chute Rd	Killaloe, Hagarty & Richards	FRR	1425	73.0	Replacement	Yes	500,000	59	2031	2031								\$50,000.00	\$450,000.00			
C309	Garipey Creek Culvert	58	9 km W of Stencells Road	Laurentian Valley	FRR	1050	58.0	Replacement	Yes	500,000	45	2031	2031								\$50,000.00	\$450,000.00			
C327	Siberia Twin Pipes	69	4.9 km W of Hwy 60 @ Niagara Crescent	Madawaska Valley	CSP	1330	73.9	Replacement	Yes	500,000	47	2031	2031								\$50,000.00	\$450,000.00			
C328	Devine Creek Tri Pipes	512	1.38 N of Junction CR 512 & CR 66	Brudenell, Lyndoch & Raglan	SPCSPE	1330	70.8	Replacement	Yes	500,000	44	2031	2031								\$50,000.00	\$450,000.00			
C332	Chapeskie Culvert	Chapeski Mill Dr	.51 km N from Paugh Lake Rd	Madawaska Valley	CSP		61.0	Replacement	Yes	310,000	34	2031	2031								\$31,000.00	\$279,000.00			
C003	Moore's Creek Culvert	5	4.8 km W of Culhane Road	Admaston/Bromley	AOF	241	75.0	Rehab	Yes	200,000	60	2032	2032									\$20,000.00	\$180,000.00		
C011	Mick's Culvert	S. McNaughton Road	3.4 km W of Culhane Road	Admaston/Bromley	SPCSP	274	58.0	Replacement	Yes	820,000	28	2032	2032									\$82,000.00	\$738,000.00		



Asset ID	Structure Name	Road	Location	Municipality	Type	AADT	BCI	Description of Work	Pre Design Needed?	Cost	BCI @ Plan Year	Prev Plan Year	Plan Year	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032		
<b>Annual Totals</b>														<b>\$4,942,000.00</b>	<b>\$6,511,000.00</b>	<b>\$5,037,500.00</b>	<b>\$3,793,500.00</b>	<b>\$3,951,000.00</b>	<b>\$2,362,000.00</b>	<b>\$3,507,000.00</b>	<b>\$4,743,000.00</b>	<b>\$4,616,000.00</b>	<b>\$3,426,000.00</b>		
C027	Stencell's Culvert	Stencells Road	0.3 km N of County Road 58	Laurentian Valley	SPCSPA	50	57.0	Replacement	Yes	710,000	27	2032	2032										\$71,000.00	\$639,000.00	
C077	Castleford Culvert	1	4.7 km E of County Road 20	Horton	SPCSPA	1010	85.0	Replacement	Yes	570,000	55	2032	2032											\$57,000.00	\$513,000.00
C094	Godin Creek Culvert	Flying Club Road	1 km S of Highway 41	Greater Madawaska	SPCSP	50	55.1	Replacement	Yes	300,000	25	2032	2032											\$30,000.00	\$270,000.00
C098	Colton Creek Culvert	Government Road	1.6 km S of Matawatchan	Greater Madawaska	CSPA	80	56.4	Replacement	Yes	230,000	26	2032	2032											\$23,000.00	\$207,000.00
C149	Olsheskie Creek Culvert	Stan Olsheskie Road	8 km N of County Road 62	Madawaska Valley	CSPA	100	47.0	Replacement	Yes	400,000	17	2032	2032											\$40,000.00	\$360,000.00
C042	Mink Creek Box Culvert	8	0.08 km E of Junction of Highway 60 & CR 9	Admaston/Bromley	FRR	1515	75.0	Rehab	Yes	700,000	59	2033	2033												\$70,000.00
C043	Dunmore Culvert	Barr Line	1.5 km S of Dunmore	Admaston/Bromley	SPCSPA	300	64.0	Replacement	Yes	330,000	31	2033	2033												\$33,000.00
C049	Rook Culvert	Burwell Road	1 km NE of Micksburg Road	Admaston/Bromley	SPCSPE	100	85.3	Rehab	Yes	700,000	52	2033	2033												\$70,000.00
C054	Big Black Donald Creek Culvert	65	26 km W of Junction of County Road 511 & 508	Greater Madawaska	BOX	259	73.8	Rehab	Yes	400,000	57	2033	2033												\$40,000.00
C147	Turtle Culverts (aka Callaghan Cr	68	6.2 km East of CR 515	Madawaska Valley	AOF	240	75.0	Major Rehab	Yes	500,000	59	2033	2033												\$50,000.00
C163	Bulmers Culvert	Kohlsmith Road	0.25 km S of County Road 7	Whitewater Region	SPCSPA	500	71.0	Replacement	Yes	380,000	38	2033	2033												\$38,000.00
C169	Manning Road Creek Culvert	Manning Road	1 km S of County Road 512	Bonnechere Valley	CSP	100	59.5	Replacement	Yes	470,000	27	2033	2033												\$47,000.00
C187	Mud Creek Culvert	Stafford Second Line	4 km NW of County Road 13	Laurentian Valley	SPCSP	100	49.3	Replacement	Yes	420,000	16	2033	2033												\$42,000.00
C218	Mill Creek Pipes	Zion Line	2 km N of County Road 21	Whitewater Region	CSPA	200	54.0	Replacement	Yes	390,000	21	2033	2033												\$39,000.00
C220	Pleasant Valley Culvert	Pleasant Valley Road	0.25 km N of County Road 49	Whitewater Region	SPCSP	150	38.0	Replacement	Yes	250,000	5	2033	2033												\$25,000.00
C255	Red Rock Tri Pipes	Red Rock Road	1 km S of CR 58	Killaloe, Hagarty & Richards	CSP	200	69.5	Replacement	Yes	400,000	37	2033	2033												\$40,000.00
C322	Black Bay Creek Culvert	Black Bay Road	0.3 km W of HWY 17	Petawawa	CSPA	250	59.0	Replacement	Yes	250,000	26	2033	2033												\$25,000.00



## Township of Horton COUNCIL / COMMITTEE REPORT

<b>Title:</b>  <b>Horton's 2018 to 2027 Road Management Plan Status Update</b>	<b>Date:</b>	<b>Feb 1<sup>st</sup> 2023</b>
	<b>Council/Committee:</b>	<b>TES</b>
	<b>Author:</b>	<b>Adam Knapp, Public Works Manager</b>
	<b>Department:</b>	<b>Public Works</b>

### RECOMMENDATIONS:

**THAT** the TES committee receive this report as information regarding the status of roads recommended for rehabilitation in the Township's 2018 to 2027 Road Management Plan.

### BACKGROUND:

In late 2017 the Township of Horton adopted the 2018 to 2027 Road Management Plan (RMP). Since adopting the plan, the Township has rehabilitated 66% of the paved roads on the list and converted two gravel sections totaling approximately 3.5 km to pavement. Through strategic mobilization of Capital projects and implementation of comprehensive maintenance techniques the Township has completed these works by the 50% mark of the RMP's timeline for approximately \$1,000,000 less than the upset estimates in 2017, indicating that the Township is making sound decisions on rehabilitation and maintenance.

The 2017 RMP used a simplified 1 through 10 rating system which Staff have converted to align with our current system that utilizes a more complex formula based on the current MTO approach that applies weightage to established distress categories to deliver a rating from 1 to 100.

The categories and weightages are:

Category	Weightage
<b>Raveling and Coarse Aggregate Loss</b>	<b>3</b>
<b>Flushing</b>	<b>1.5</b>
<b>Rippling and Shoving</b>	<b>1</b>
<b>Wheel Track Rutting</b>	<b>3</b>
<b>Distortion</b>	<b>3</b>
<b>Wheel Track Single and Multiple Cracking</b>	<b>1.5</b>
<b>Wheel Track Alligator Cracking</b>	<b>3</b>
<b>Centerline Single and Multiple Cracking</b>	<b>0.5</b>
<b>Centerline Alligator Cracking</b>	<b>2</b>
<b>Pavement Edge Single and Multiple Cracking</b>	<b>0.5</b>
<b>Pavement Edge Single and Multiple Cracking</b>	<b>1.5</b>
<b>Transverse Half, Full and Multiple Cracking</b>	<b>1</b>
<b>Longitudinal Meander and Mid Lane Cracking</b>	<b>1</b>
<b>Mid Lane Alligator Cracking</b>	<b>3</b>
<b>Transverse Alligator Cracking</b>	<b>3</b>
<b>Random or Map Cracking</b>	<b>0.5</b>

The paved roads list below displays the recommended year of rehabilitation compared to the actual year completed with the treatment method for the completed and remaining sections along with the pavement condition rating (PCR) in 2017 versus 2022.

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Complete Projects

Road Section	RMP	Complete	Proposed	Treatment Method	PCR 2017	PCR 2022
Johnston Rd	2018	2018		Full Rehab, 50 mm SP 12.5	40	90
Cotieville Rd	2019	2020		Full Rehab, 50 mm SP 12.5	30	97
McBride Rd South	2019	2021		Full Rehab, 50 mm SP 12.5	30	96
Whitton Rd South	2020	2021		Full Rehab, 50 mm SP 12.5	40	96
Knight St	2018	2022		Full Rehab, 50 mm SP 12.5	40	100
Paddy St	2018	2022		Full Rehab, 50 mm SP 12.5	50	100
Thompsonhill Cemetery St	2018	2022		Full Rehab, 50 mm SP 12.5	30	100
Nadobny Lane	2018	2022		Full Rehab, 50 mm SP 12.5	30	100
Margaret St	2018	2022		Full Rehab, 50 mm SP 12.5	40	100
Dregas St	2018	2022		Full Rehab, 50 mm SP 12.5	50	100
Jane St	2018	2022		Full Rehab, 50 mm SP 12.5	50	100
Pucker St	2020	2022		Full Rehab, 50 mm SP 12.5	60	100
Gerald St	2018	2022		Double Surface Treatment with Fog Seal Overlay	30	85
Leslie Ave	2023	2022		Pavement Leveling Single Surface Treatment with Fog Seal Overlay	50	79
Harper Ave	2021	2022		Pavement Leveling Single Surface Treatment with Fog Seal Overlay	50	78
Harold Ave	2021	2022		Pavement Leveling Single Surface Treatment with Fog Seal Overlay	50	79
Sherwood St	2025	2022		Pavement leveling Single Surface Treatment with Fog Seal Overlay	60	85
Golf Course Road	2022 Additional Works Outside RMP Boundary Road with AB			Full Rehab 50 mm SP 19 40 mm SP 9.5		

Incomplete Projects

Jamieson Lane	2021		2023	Pavement leveling Single Surface Treatment with Fog Seal Overlay	30	50
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Lime Kiln Road DST	Provisional extra with Jamieson Lane outside RMP plan		2023	Remove existing DST, 75 mm GA, Double Surface Treatment with Fog Seal Overlay		
Mullins Rd	2026		2023	Full depth pulverize, 75mm GA, 50mm SP 12.5	60	44
Goshen Rd South	2024		2024	Pavement leveling Single Surface Treatment with Fog Seal Overlay	70	57
Elliot Crescent	2019		2025	Mill existing pave in place, 75mm GA, Double Surface Treatment with Fog Seal Overlay	30	34
Pinnacle Rd Hwy 60 to Price	2022		2025	Pavement leveling, base repair and pave replacement near Crozier's Pit, Single Surface Treatment with Fog Seal Overlay	70	70
Grantham Rd	2026		2026	Pavement leveling Single Surface Treatment with Fog Seal Overlay	80	77
Whitton Rd North	2025		2027	Full depth pulverize, 75mm GA, 50mm SP 12.5 further evaluation and testing required	70	74
Pinnacle Rd Price to Hwy 17			2028	Pavement leveling Single Surface Treatment with Fog Seal Overlay further evaluation and testing required	90	78
Average PCR 2017 versus 2022 for all RMP Projects					49.2%	82.76%

The Township's recently procured pavement edger has been an effective tool to repair distortion, wheel track rutting, and pavement edge cracking which are among the heaviest individual weightages on the scale and are prime contributors to a negative ride condition rating, it has also been key in repairing shoulder drop off which leads to paved edge deterioration and cracking. The implementation of single surface treatment, fog sealing, crack sealing and shoulder sealing programs have proven sustainable maintenance solutions for repairing coarse aggregate loss, flushing, and cracking which accounts for 76% of the overall weightage points on the scale. The combination of these cost-effective maintenance techniques shall ensure that Horton's paved road network remains sustainable.

Staff have requested adjustments to the paved road maintenance budget to ensure these programs continue to extend our paved roads' lifecycle to their full capacity. If the adjustments are approved the smaller scale works listed above shall be performed as part of yearly operational maintenance which shall allow reserve funds to replenish adequately to accommodate the larger scale capital rehabilitation projects that are above operational funding limits. These maintenance techniques have contributed significantly to attaining the Townships current PCR while operating within sustainable budgetary limits.

Staff shall continue to rehabilitate gravel roads within the Township through the yearly gravel haul and supply tender and the operating gravel funds in alliance with the RMP and current needs of the roadways.

**RETURN TO AGENDA**

**ALTERNATIVES:**

N/A

**FINANCIAL IMPLICATIONS:**

- As stated in the Proposed Strategic Roads Infrastructure Plan Report on January 4<sup>th</sup> 2023
- To be determined for all roads not in the aforementioned plan

**ATTACHMENTS:**

- RMP Paved Roads
- RMP Gravel Roads

**CONSULTATIONS:**

N/A

**Prepared by:** Adam Knapp, Public Works Manager

**Reviewed by:** Hope Dillabough, CAO/Clerk

## APPENDIX D-1

SECTION ID	DESCRIPTION	LENGTH	SURFACE WIDTH	SURFACE TYPE	2017 Condition Rating	CAPITAL FOR CONDITION RATING 6	CAPITAL FOR CONDITION RATING 10	YEAR FOR CAPITAL
R001	Johnston Rd. - South Section *	1.7	6.5	LCB	4	\$ -	\$ 1,096,000	2018
R062	Knight St.	0.4	7.0	HCB - Single Lift	4	\$ 72,400	\$ 720,000	2018
R073	Gerald St.	0.36	6.3	HCB - Single Lift	3	\$ 65,160	\$ 100,000	2018
R067	Paddy St.	0.1	5.4	HCB - Single Lift	5	\$ 21,200	\$ 75,000	2018
R063	Thomsonhill Cemetary St.	0.3	6.3	HCB - Single Lift	3	\$ 63,000	\$ 540,000	2018
R064	Nadobny Ln.	0.6	6.6	HCB - Single Lift	3	\$ 127,000	\$ 1,080,000	2018
R065	Margaret St.	0.2	5.4	HCB - Single Lift	4	\$ 42,000	\$ 360,000	2018
R061	Dregas St.	0.2	7	HCB - Single Lift	5	\$ 42,000	\$ 375,000	2018
R066	Jane St.	0.1	5.1	HCB - Single Lift	5	\$ 21,200	\$ 75,000	2018
R026	Cotieville Rd	0.6	7.2	LCB	3	\$ 103,000	\$ 234,000	2019
R025A	Elliot Cresent - Paved Section	0.2	5.3	HCB - Single Lift	3	\$ 34,400	\$ 75,000	2019
R027	McBride Rd. - South Section	1	6.2	LCB	3	\$ 93,500	\$ 150,000	2019
R054	Whitton Rd. - Paved South Section	0.38	5.6	LCB	4	\$ 55,000	\$ 228,000	2020
R059	Pucker St.	1.5	10	HCB - Single Lift	6	\$ 258,000	\$ 315,000	2020
R056	Jamieson Ln.	0.7	5.8	HCB - Single Lift	3	\$ 111,000	\$ 216,000	2021
R070	Harold Ave.	0.35	6.0	HCB - Single Lift	5	\$ -	\$ 60,000	2021
R071	Harper Ave.	0.3	6.4	HCB - Single Lift	5	\$ -	\$ 64,000	2021
R020	Pinnacle Rd.	3.8	7	HCB - Single Lift	7	\$ 653,000	\$ 800,000	2022
R069	Leslie Ave.	0.3	6.2	HCB - Single Lift	5	\$ 63,600	\$ 78,600	2023
R050	Goshen Rd. - South Section	3	8.3	LCB	7	\$ 319,000	\$ 450,000	2024
R053	Whitton Rd. - Paved North Section	1.6	6.4	HCB - Single Lift	7	\$ 258,000	\$ 315,000	2025
R072	Sherwood St.	0.23	6.5	HCB - Single Lift	6	\$ 42,000	\$ 50,000	2025
R003	Mullins Rd. - Paved Middle Section	1.4	5.1	LCB	6	\$ 50,000	\$ 150,000	2026
R075	Grantham Rd.	0.1	7.5	HCB - Single Lift	8	\$ -	\$ 18,000	2026
R019	Pinnacle Rd	3.5	6.1	HCB - Single Lift	9	\$ -	\$ 455,000	2027

\* Uses all available Funding

<b>TOTAL</b>	\$ 2,490,000.00	\$ 8,080,000.00
<b>YEARLY AVERAGE</b>	\$ 249,000.00	\$ 808,000.00

Completed Roads are **Highlighted**

**RETURN TO AGENDA**

## APPENDIX D-2

Road ID	DESCRIPTION	LENGTH	PLATFORM WIDTH	SURFACE TYPE	2017 Condition Rating	CAPITAL* FOR CONDITION RATING 6	CAPITAL FOR CONDITION RATING 10	YEAR FOR CAPITAL
R012	Bingham Dr.	0.9	4.3	GRAVEL	4	\$ 40,365.00	\$ 77,365.00	2017
R016	Garden of Eden	4.5	6.6	GRAVEL	6	\$ 50,000.00	\$ 440,000.00	2018
R006	Jim Barr Rd. - North Section	1.9	5.6	GRAVEL	4	\$ 74,000.00	\$ 95,000.00	2019
R034	Humphries Road	5.3	5.6	GRAVEL	5	\$ 206,000.00	\$ 382,000.00	2020
R051	Goshen	1.1	7	GRAVEL	6	\$ -	\$ 53,130.00	2021
R013	Bennet Lafonte	1.3	4.5	GRAVEL	6	\$ 58,305.00	\$ 100,000.00	2021
R008	Eady Rd. - Middle Section	2.9	6.6	GRAVEL	5	\$ 133,000.00	\$ 361,000.00	2022
R077	Orin Rd. - West Section	2.7	4.7	GRAVEL	5	\$ 88,000.00	\$ 145,000.00	2023
R032	Ferguson	2.1	5	GRAVEL	7	\$ 94,185.00	\$ 450,000.00	2024
R042	McInnes Rd.	0.8	5	GRAVEL	5	\$ 28,000.00	\$ 29,000.00	2024
R055	Whitton Gravel South	1.2	5.6	GRAVEL	7	\$ 53,820.00	\$ 360,000.00	2025
R014	Pallen Rd	0.2	5.6	GRAVEL	5	\$ 8,970.00	\$ 11,000.00	2025
R011	Ruttan Rd.	0.6	3	GRAVEL	5	\$ 26,910.00	\$ 110,000.00	2025
R002	Johnson	2.9	7.2	GRAVEL	6	\$ 144,072.00	\$ 344,000.00	2026
R016	Garden of Eden	4.5	6.6	GRAVEL	6	\$ 100,000.00		2027

\* Capital works for condition rating 6 based on 6.90\$ square meter for 150mm Granular "A", delivered, laid, shaped, and compacted.

<b>TOTAL</b>	\$ 1,005,627.00	\$ 2,073,500.00
<b>YEARLY AVERAGE</b>	\$ 100,562.70	\$ 207,350.00

Completed Roads are Highlighted



## Township of Horton COUNCIL / COMMITTEE REPORT

<b>Title:</b>  <b>Award of Horton's Portion of the Joint Transportation Master Plan</b>	<b>Date:</b>	<b>Feb 1<sup>st</sup> 2023</b>
	<b>Council/Committee:</b>	<b>TES</b>
	<b>Author:</b>	<b>Adam Knapp, Public Works Manager</b>
	<b>Department:</b>	<b>Public Works</b>

### **RECOMMENDATIONS:**

**THAT** the TES committee agree with Staff and recommend that Council award Horton's portion of PWC 2022-25 Transportation Master Plan (TMP) to Macintosh and Perry (MP).

**AND THAT** this be included in the 2023 Budget for consideration.

**FURTHER THAT** an upset total of \$50,000 in funding for the Transportation Master Plan be allocated from the Working Funds Reserve.

### **BACKGROUND:**

The Township of Horton participated in a Request for Proposal (RFP) for a TMP with the County of Renfrew and participating Municipalities. The RFP closed in late 2022 and each individual Municipality shall award their own perspective portion. The successful bidder and all participating Municipalities shall work in alliance with the County of Renfrew's Transportation Master Plan.

Six submissions were received and reviewed by Staff on the proposal evaluation sheet supplied by the County. Staff categorize this project as a priority due to Horton's significant growth rate that is anticipated to continue upon completion of the twinning of Hwy 17 in 2025/2026. The estimated budget for this project was an upset of \$50,000 and MP's submission came in under the estimated cost but was not the lowest bid submission. The lowest bidder submitted an unfeasibly low blanketed cost for all lower tier participants and the submission scored 54/100 points displaying minimal interest or understanding of the scope involved to deliver a comprehensive plan to the lower tier participants with only an estimated 69 hours allocated to Horton's portion of the TMP.

The Townships Public Works Manager reviewed all submissions in detail and the CAO/Clerk Hope Dillabough examined the submission upon the PW Managers evaluations. Both Township evaluators agree that MP displayed advanced understanding of the Township and County as a whole and with 261 hours allocated toward Horton's portion of the TMP a quality tailor made plan can be delivered to accommodate the Township's future growth. The County of Renfrew and the majority of lower tier participants also agreed that MP scored the highest of all submissions with 88/100 points per the Township's evaluation and 81.4 per the County's evaluation.

MP's bid submission was for the total amount of \$37,944.27 including HST and Staff have requested a significant contingency due to the length of the project and to ensure a quality plan

**RETURN TO AGENDA**

is delivered. The project is proposed to begin on April 13<sup>th</sup> 2023 with the final documents delivered by December 16<sup>th</sup> 2024.

MP is currently undertaking a TMP in Severn Township, a Municipality with a significantly larger population but similar geographical appeal, developmental challenges, and growth rate as Horton. The Growth in Severn was spurred by the twinning of Highway 400 and 11 and its location between the Township of Muskoka Lakes and the City of Orillia, a region that Staff believe serves as a model of what the Ottawa Valley may develop toward. Severn Township's vision is to preserve and enhance the natural environment while delivering a connected and active community that retains its rural traditions. Staff contacted the Director of Public Works in Severn Township, Derek Burke, and received a positive review of MP's work to date and was informed that they anticipate presenting the TMP at the Transportation Association of Canada conference this November.

The scope of work for the County of Renfrew and Participating Municipality TMPs will place significant emphasis on traffic operations, active transportation connectivity, and assessing the County and Participating Municipalities current transportation infrastructure (roads, bridges, and culverts) as well as updating existing and establishing new policies and design standards as well as road classifications. The TMP will also ensure forecasted future traffic volumes are adequately accommodated by the County and local road networks.

Macintosh and Perry's understanding of the scope of work includes the following:

- 1) An assessment of the current state of the County 's and Participating Municipalities current transportation network and infrastructure (roads, intersections, bridges, structural culverts, and trails), including recommendations for network optimization and improvements to address growth and travel demand based on an updated 10-year study timeline.
- 2) Provide mobility across all transportation modes that is safe, connected, sustainable, affordable, and accessible for residents of all ages and abilities. We will conduct a cost/benefit analysis to determine the feasibility of a future transit system for the County and for The Town of Arnprior.
- 3) Review active transportation network gaps and the opportunities to better integrate the County network with existing local municipality networks.
- 4) Develop a sustainable transportation network implementation plan that reflect future development scenarios for the short term, medium term and long term that will assist the County in prioritizing capital works and investing efficiently.
- 5) Update the County and Participating Municipality Road classification system, assess the County's future arterial and collector road needs, and update/draft new design standards and policies for Renfrew County transportation infrastructure.
- 6) Implement a meaningful consultation and engagement process for Public Works staff, business communities, the public and external stakeholders that meets the Municipal Class EA (MCEA) requirements for a TMP.
- 7) Develop an implementable action plan with recommended capital projects and/or initiatives for transportation infrastructures (roads, AT facilities, Bridges, and Structural

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culverts, etc.) based on priority, estimated cost, and timelines for completion (by 2031), under the Municipal Class Environmental Assessment process.

**ALTERNATIVES:**

N/A

**FINANCIAL IMPLICATIONS:**

\$37,944.27 including HST from the Working Funds Reserve

**ATTACHMENTS:**

MP Schedule of Pricing Horton TMP

**CONSULTATIONS:**

Hope Dillabough – Horton Twp CAO/Clerk

Derek Burke – Severn Twp Director of Public Works

Taylor Hanrath – Manager of Infrastructure (County of Renfrew)

**Prepared by:** Adam Knapp, Public Works Manager

**Reviewed by:** Hope Dillabough, CAO/Clerk

**Time-Task Matrix (Hours Only): PW 2022-025 TMP: Professional Services for Development of a Transportation Master Plan - Township of Horton**

 2023 Hourly Rates	Project Management and Quality Reviews			Public & Agency Engagement (Consultation)	Transportation Planning / Traffic Engineering			Active Transportation		Road Safety and Design			Policy and Planning		Infrastructure Assessment				Technical/Support Staff	Total Hours	MP Disbursements	Total Fees	
	Project Manager M.Delbasic, M.Sc., P.Eng.	Deputy Project Manager K.Piner, B.Sc., P.Eng., PMP	QA/QC Reviewer C.Shillinglaw, P.Eng.	N. Farrell, B.Sc., MCIP, RPP	Transportation Planner / Traffic Engineer (Lead) T.Cryz, M.Sc., P.Eng.	Transportation Planner / Traffic Engineer B.Lee, P.Eng.	Traffic Engineer & GIS M. Palenau, P.Eng.	Active Transportation Planner Emily	Active Transportation Planner Eric	Municipal Engineer (Lead) C. McDonald, P.Eng.	Senior Traffic Specialist D.Sleed	Road Safety Specialist S.Moore	Land Development Planner (Lead) B.Clare	Land Development Planner A. McLeod	Municipal Engineer (Lead) M.Sexton P.Eng.	Municipal Engineer A. Siciliano, P.Eng.	Structural Engineer A.Yun, M.A.Sc., P.Eng.	Structural Engineer S.Dexter, P.Eng.					
<b>PROJECT MANAGEMENT</b>																							
Project Start-up Meeting	1	1																		2		\$ 324	
Monthly Virtual Project Meetings (x18 Meetings)	4	2						3												9		\$ 1,438	
<b>PM Sub-Total</b>	<b>5</b>	<b>3</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>11</b>	<b>\$ -</b>	<b>\$ 1,762</b>	
<b>PHASE 1 - EXISTING CONDITIONS ASSESSMENT</b>																							
<b>Project Initiation</b>																							
Prepare Updated Work Plan, Schedule		1																		1	2	\$ 235	
Prepare Study Notice, Stakeholder Engagement Plans, Communication Plans, and Contact Lists				1																1	2	\$ 219	
Prepare Online and Promotion Material (Including Online Survey)	1			1	1			1												1	5	\$ 693	
<b>Sub-Total</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>2</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3</b>	<b>9</b>	<b>\$ -</b>	<b>\$ 1,146</b>	
<b>Information Gathering and Background Material Review</b>																							
Site Investigations	1	1						1													3	\$ 300	\$ 774
Data Collection and Processing		1						1	1											2	5	\$ 545	
Assemble and Review Existing Township Information And Documents (Policies, Inventories, Planning Studies, GIS Shapefiles, etc.)								1	1					1		1					4	\$ 480	
Establish Future Growth Plans for Township							1	1													2	\$ 227	
Establish TMP Goals and Objectives Based on Policy and Planning Context Reviews	1							1													2	\$ 279	
<b>Sub-Total</b>	<b>2</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>16</b>	<b>\$ 300</b>	<b>\$ 2,306</b>	
<b>Establish Existing Conditions, Identify System Issues and Opportunities</b>																							
Review Existing Road Classifications and Asset Management Plan						1	2									2					5	\$ 636	
Develop Base (2023) Transportation Model						1	4														5	\$ 555	
Develop Screenline Criteria Process					1		1														2	\$ 263	
Establish Road Classification and Hierarchy					1		1									1					3	\$ 413	
Review and Analyze Collision Data							1					4									5	\$ 909	
Review Existing AT Facilities and Accessibility Infrastructure								2	2										1		5	\$ 621	
Identify Key Intersections and Corridors					1																1	\$ 154	
Identify Transportation System Issues and Deficiencies / Commentary on Established Trends					1							2								2	5	\$ 716	
Establish Opportunities to Meet TMP Goals and Objectives	1				1					1											3	\$ 466	
Prepare and Submit Interim Report Summarising Initial Findings	1		2		2	2	6	1	2			1	1							8	26	\$ 3,097	
Interim Presentation to Township Public Works Staff	1	1		1																2	5	\$ 624	
<b>Sub-Total</b>	<b>3</b>	<b>1</b>	<b>2</b>	<b>1</b>	<b>7</b>	<b>4</b>	<b>15</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>0</b>	<b>7</b>	<b>1</b>	<b>0</b>	<b>3</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>13</b>	<b>65</b>	<b>\$ -</b>	<b>\$ 8,454</b>	
<b>Phase 1 Total</b>	<b>6</b>	<b>4</b>	<b>2</b>	<b>3</b>	<b>8</b>	<b>5</b>	<b>19</b>	<b>5</b>	<b>6</b>	<b>1</b>	<b>0</b>	<b>7</b>	<b>1</b>	<b>1</b>	<b>3</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>18</b>	<b>90</b>	<b>\$ 300</b>	<b>\$ 11,906</b>	
<b>PHASE 2 - Traffic Operations and Safety/ Road Network Assessment</b>																							
<b>Transportation Modelling and Network Assessment</b>																							
Forecasting of Base Transportation Model into Short Term and Long Term Scenarios, Including Planned Capital Works (10-Year Plan)						1	4														5	\$ 555	
Identify Network Deficiencies for Future Scenarios following Screenline Analysis, Traffic Operations and Collision and Safety Reviews					1		4														5	\$ 591	
Downtown Parking Assessment						1	1														2	\$ 227	
Traffic Calming Review and Best Practices Review					1			1													2	\$ 304	
TDM and Potential Technologies Review						1								1						2	4	\$ 413	
<b>Sub-Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>3</b>	<b>9</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>18</b>	<b>\$ -</b>	<b>\$ 2,090</b>	
<b>Active Transportation (AT) Plan</b>																							
Assess Active Transportation Network and Identify Potential Solutions								1	2												3	\$ 390	
Assess Active Transportation Solutions								1	2												3	\$ 390	

RETURN TO AGENDA



**Time-Task Matrix (Hours Only): PW 2022-025 TMP: Professional Services for Development of a Transportation Master Plan - Township of Horton**

 2023 Hourly Rates	Project Management and Quality Reviews			Public & Agency Engagement (Consultation)	Transportation Planning / Traffic Engineering			Active Transportation		Road Safety and Design			Policy and Planning		Infrastructure Assessment				Technical/Support Staff	Total Hours	MP Disbursements	Total Fees
	Project Manager M.Delbasio, M.Sc., P.Eng.	Deputy Project Manager K.Priest, M.Sc., P.Eng., PMP	QA/QC Reviewer C.Shillinglaw, P.Eng.	N. Farrell, B.Sc., MCIP, RPP	Transportation Planner / Traffic Engineer (Lead) T.Gryz, M.Sc., P.Eng.	Transportation Planner / Traffic Engineer B.Lee, P.Eng.	Traffic Engineer & GIS M. Palenau, P.Eng.	Active Transportation Planner Emily	Active Transportation Planner Eric	Municipal Engineer (Lead) C. McDonald, P.Eng.	Senior Traffic Specialist D.Sleed	Road Safety Specialist S. Zhao	Land Development Planner (Lead) B. Claire	Land Development Planner A. McLeod	Municipal Engineer (Lead) M. Sexton P.Eng.	Municipal Engineer A. Scilliano, P.Eng.	Structural Engineer A. Yon, M.A.Sc., P.Eng.	Structural Engineer S. Dexter, P.Eng.				
Review Safety as it relates to Vulnerable Road Users								1												2		\$ 350
Update/Draft New Active Transportation Design Guidelines								1	2											3		\$ 390
Active Transportation Implementation Plan and Updated Strategy	1							2	2											5		\$ 710
<b>Sub-Total</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>6</b>	<b>8</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>16</b>	<b>\$ -</b>	<b>\$ 2,230</b>
<b>Policies and Design Standards Update</b>																						
Review and Update/Create New Town Transportation Policies (Road Classifications, Trails, and Active Transportation)						1			1		1				1					4		\$ 579
Policy Recommendations for On-going Maintenance and Life-Cycle Needs														1		1	1			3		\$ 401
Updates to Engineering Standards (Roads, Bridges, Structural Culverts, AT Infrastructure. Including X-sections)			1								1					1	1			4		\$ 579
<b>Sub-Total</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>1</b>	<b>1</b>	<b>2</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>11</b>	<b>\$ -</b>	<b>\$ 1,559</b>
<b>Preferred Solutions and Alternatives</b>																						
Identify Solutions to Address Network Deficiencies					1			1		1	1								4	8		\$ 903
Assess and Evaluate Network Solutions, Select the Preferred Solution(s)							1	1		1		1							4	8		\$ 925
Prepare Cost Estimates of Preferred Network Solution under Phased Scenarios	1				1											1	1			4	8	\$ 915
<b>Sub-Total</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>0</b>	<b>1</b>	<b>2</b>	<b>0</b>	<b>2</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>12</b>	<b>24</b>	<b>\$ -</b>	<b>\$ 2,744</b>
<b>Public and Stakeholder Consultation</b>																						
Preparation of Consultation Materials		1		1			1												2	5	\$ 200	\$ 763
Agency/Stakeholder Meetings and Consultation	1				1			1											2	5		\$ 636
Public Information Centre (PIC)	1			1				2											4			\$ 608
Prepare and Submit Engagement Summary Report #2	1	1			1		2												4	9		\$ 1,021
<b>Sub-Total</b>	<b>3</b>	<b>2</b>	<b>0</b>	<b>2</b>	<b>2</b>	<b>0</b>	<b>3</b>	<b>3</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>8</b>	<b>23</b>	<b>\$ 200</b>	<b>\$ 3,027</b>
<b>Draft TMP Document</b>																						
Prepare and Submit Draft TMP Document	1	1			1	2	8	2	3	1		1	1						8	29		\$ 3,371
Draft TMP Presentation to Public Works Staff	1	1		1	1														4	8		\$ 940
<b>Sub-Total</b>	<b>2</b>	<b>2</b>	<b>0</b>	<b>1</b>	<b>2</b>	<b>2</b>	<b>8</b>	<b>2</b>	<b>3</b>	<b>1</b>	<b>0</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>12</b>	<b>37</b>	<b>\$ -</b>	<b>\$ 4,311</b>
<b>Phase 2 Total</b>	<b>7</b>	<b>4</b>	<b>1</b>	<b>3</b>	<b>9</b>	<b>5</b>	<b>21</b>	<b>15</b>	<b>11</b>	<b>4</b>	<b>2</b>	<b>3</b>	<b>3</b>	<b>1</b>	<b>3</b>	<b>3</b>	<b>0</b>	<b>0</b>	<b>34</b>	<b>129</b>	<b>\$ 200</b>	<b>\$ 15,961</b>
<b>PHASE 3 - DOCUMENTATION AND FINALIZATION</b>																						
<b>Comprehensive Transportation Master Plan</b>																						
Refine Preferred Solution	1				1	1	2	1	1					1				1	3	12		\$ 1,424
Prepare and Submit Final Draft TMP	1		2		1			1	2			1							4	12		\$ 1,594
Presentation of the Final Draft to Standing Committee	1			1																2		\$ 308
Presentation of the Final Draft to Township Council	1			1																2		\$ 308
Final Document Handover		1																	2	3		\$ 316
<b>Sub-Total</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>1</b>	<b>2</b>	<b>2</b>	<b>3</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>9</b>	<b>31</b>	<b>\$ -</b>	<b>\$ 3,950</b>
<b>Phase 3 Total</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>1</b>	<b>2</b>	<b>2</b>	<b>3</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>9</b>	<b>31</b>	<b>\$ -</b>	<b>\$ 3,950</b>
<b>Project TOTAL - Hrs</b>	<b>22</b>	<b>12</b>	<b>5</b>	<b>8</b>	<b>19</b>	<b>11</b>	<b>42</b>	<b>25</b>	<b>20</b>	<b>5</b>	<b>2</b>	<b>11</b>	<b>5</b>	<b>2</b>	<b>6</b>	<b>5</b>	<b>0</b>	<b>0</b>	<b>61</b>	<b>261</b>	<b>\$ 500</b>	<b>\$ 33,579</b>
<b>Project TOTAL - Price (HST excluded)</b>	<b>\$ 3,742</b>	<b>\$ 1,847</b>	<b>\$ 891</b>	<b>\$ 1,102</b>	<b>\$ 2,924</b>	<b>\$ 1,292</b>	<b>\$ 4,593</b>	<b>\$ 3,750</b>	<b>\$ 2,400</b>	<b>\$ 709</b>	<b>\$ 267</b>	<b>\$ 2,200</b>	<b>\$ 668</b>	<b>\$ 267</b>	<b>\$ 899</b>	<b>\$ 587</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 4,941</b>		<b>\$ 500</b>	<b>\$ 33,579</b>