



## Operations Committee

Tuesday, October 15, 2024 at 1:00 PM

Council Chambers

### Agenda

- |   | Page    |
|---|---------|
| <b>1. Call to Order</b>   |         |
| <b>2. Land Acknowledgement</b>  |         |
| <b>3. Roll Call</b>   |         |
| <b>4. Disclosure of Pecuniary Interest and General Nature Thereof</b>   |         |
| <b>5. Adoption of the Open Minutes</b>  |         |
| <p style="padding-left: 40px;"><b>Recommendation:</b> THAT the minutes of the September 9, 2024, meeting be approved.</p> |         |
| a. Minutes - September 9, 2024  | 6 - 11  |
| <p style="padding-left: 40px;"><a href="#">Operations Committee - Sep 09 2024 - Minutes</a> </p>                          |         |
| <b>6. Delegations - None at time of mailing</b>   |         |
| <b>7. Public Works and Engineering Department Report</b>  |         |
| <p style="padding-left: 40px;"><b>Director's Report</b></p>   |         |
| a. <a href="#">Director's Report</a>  | 12 - 35 |
| <p style="padding-left: 40px;"><a href="#">Capital Works Monthly Project Status Report</a> </p>                           |         |
| <p style="padding-left: 40px;"><a href="#">Capital Variance Report</a> </p>   |         |
| <p style="padding-left: 40px;"><a href="#">Transportation Master Plan - Laurentian Valley/City of Pembroke</a> </p>       |         |
| <p style="padding-left: 40px;"><a href="#">American Public Works Association PWX 2024</a> </p>                            |         |

### **Dual Purpose Transit Solution**

**Recommendation:** THAT the Operations Committee directs staff to explore the options of a Dual Purpose Transit Solution, including convening a meeting amongst all local and regional suppliers of transit options; AND THAT staff be directed to contact the appropriate Ministries to determine funding that may be available; AND THAT a Transit Solution Ad-Hoc Committee be developed, with the appropriate terms of reference.

### **Establishment of an Ontario Rural Road Safety Program**

**Recommendation:** THAT the Operations Committee recommends that County Council endorse the resolution initiated by Good Roads for the establishment of an Ontario Rural Road Safety Program as follows:

WHEREAS, official statistics from the Government of Ontario confirm that rural roads are inherently more dangerous than other roads; and

WHEREAS, despite only having 17% of the population, 55% of the road fatalities occur on rural roads; and

WHEREAS, rural, northern, and remote municipalities are fiscally strained by maintaining extensive road networks on a smaller tax base; and

WHEREAS, preventing crashes reduces the burden on Ontario's already strained rural strained health care system; and

WHEREAS, roadway collisions and associated lawsuits are significant factors in runaway municipal insurance premiums. Preventing crashes can have a significant impact in improving municipal risk profiles;

THEREFORE, BE IT RESOLVED THAT the County of Renfrew requests that the Government of Ontario take action to implement the rural road safety program that Good Roads has committed to lead. It will allow Ontario's rural municipalities to make the critical investments needed to reduce the high number of people being killed and seriously injured on Ontario's rural roads; and

FURTHER THAT a copy of this resolution be forwarded to Premier Doug Ford, Hon. Prabmeet Sarkaria, Minister of

Transportation, Hon. Kinga Surma, Minister of Infrastructure, Hon. Rob Flack, Minister of Agriculture, Food and Agribusiness, Hon. Lisa Thompson, Minister of Rural Affairs, Hon. Trevor Jones, Associate Minister of Emergency Preparedness and Response, and Hon. Sylvia Jones, Minister of Health, and Good Roads; and

FURTHER THAT this resolution be circulated to all municipalities in Ontario requesting their support.

## Capital Works Division Report

b. [PW - Capital Works Division Report](#) 

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[Draft 2025 Capital Program](#) 

[By-law 137-24 D - PWC-2024-17 Algonquin Trail Granular](#)  [s](#) 

[Bissett Creek/Hwy 17 Map](#) 

[Trails Asset Management Plan 2025-2034](#) 

[Infrastructure Expansion Projects](#) 

[Govern the Use of County Recreational Trails DRAFT Revised](#) 

[By-law Authorize Speed Limits](#) 

### Recreational Trail Development

**Recommendation:** THAT the Operations Committee recommends that County Council incorporate the development of Recreational Trails into the Capital Asset Management Plan going forward; AND THAT the annual Capital Budget be developed based on an approved Asset Management Plan for Recreational Trails.

### Infrastructure Expansion Process

**Recommendation:** THAT the Operations Committee recommends that County Council table discussion on Development Charges, and continue to utilize Corporate Policy GA-14, Infrastructure Expansion, and the Growth Reserve resolution approved by County Council on May 16, 2024, to address growth related infrastructure pressures.

### By-law to Govern Use of County of Renfrew Recreational Trails

**Recommendation:** THAT the Operations Committee recommends that County Council adopt a By-law to govern the use of the County of Renfrew Recreational Trails; AND THAT By-law 81-24 be hereby repealed.

## **Speed Limit By-law – County Road 512 (Foymount Road)**

**Recommendation:** THAT the Operations Committee recommends that County Council adopt a By-law to authorize speed limits; AND THAT By-law 8-24 be hereby repealed.

## **Operations Division Report**

- c. [Operations Division Report](#)   
[PWO-2024-17- Concrete Gutter and Grates - White Water Road Patrol](#)   
[PWO-2024-25 - Concrete Gutter and Grates - South West Patrol](#)   
[PWO-2024-26 - Concrete Gutter and Grates - Cobden Patrol](#)   
[By-law - Tandem Truck](#)   
[By-law - Supply and Delivery Winter Salt](#) 

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### **PWO-2024-30 – One 30-Ton Tag Along Float**

**Recommendation:** THAT the Operations Committee approves Contract PWO-2024-30 as submitted by JJ Trailers, Toronto, Ontario for the supply and delivery of one 30-Ton Tag Along Float in the amount of \$79,653.40, plus applicable taxes.

### **PWO-2024-12 – Four Propane Steamers**

**Recommendation:** THAT the Operations Committee approves Contract PWO-2024-12 as submitted by Clark-Kavanagh Inc., Bancroft, Ontario, for the supply and delivery of four Propane Steamers in the amount of \$96,050, plus applicable taxes.

### **PWO-2024-05 – One Tandem Truck and Plow Unit**

**Recommendation:** THAT the Operations Committee recommends that County Council approves Contract PWO-2024-05 as submitted by Viking Cives Ltd., Mount Forest, Ontario, in the amount of \$451,130, plus applicable taxes; AND THAT County Council adopt a By-law to execute the contract.

### **PWO-2016-01 – Supply and Delivery of Winter Salt- Amendment**

**Recommendation:** THAT the Operations Committee recommends that County Council approve the extension of contract PWO-2016-01 for the supply and delivery of bulk coarse highway salt for winter operations for five years from



2025-2030 with Windsor Salt Limited, Mississauga, Ontario;  
AND THAT County Council adopt a By-law to formalize and  
authorize execution of an amended agreement; AND THAT By-  
laws 28-16 and 10-20 be hereby repealed.

**8. Approval of the Public Works and Engineering Report as a Whole**

**Recommendation:** THAT the Public Works and Engineering  
Report be approved as presented.

**9. New Business**

**10. Closed Meeting - None at time of mailing**

**11. Date of next meeting (Tuesday, November 12, 2024) and adjournment**

**Recommendation:** THAT this meeting adjourn and the next  
regular meeting be held on Tuesday, November 12, 2024.

**NOTE:**

- Special County Council Meeting: Monday, October 28, 2024
- County Council: Wednesday, October 30, 2024.
- Submissions received from the public either orally or in writing, may become part of the public record.



## Operations Committee - Sep 09 2024

Monday, September 9, 2024 at 1:00 PM

Council Chambers

### Minutes

**Present:** Chair Glenn Doncaster, Warden Peter Emon, Councillor Daniel Lynch, Councillor Keith Watt, Councillor Mark Willmer

**Absent:** Councillor Mark MacKenzie, Councillor Daina Proctor

**Also Present:** Craig Kelley, Chief Administrative Officer/Deputy Clerk, Jason Davis, Director of Development and Property, Taylor Hanrath, Manager of Capital Works, Gwen Dombroski, Clerk, Tina Peplinskie, Media Relations and Social Media Coordinator, Evelyn VanStarkenburg, Administrative Assistant

#### 1. Call to Order

Chair Doncaster called the meeting to order at 1:00 p.m.

#### 2. Land Acknowledgement

The land acknowledgement identifying that the meeting was being held on the traditional territory of the Omàmiwininì People was recited.

#### 3. Roll Call

The roll was called.

#### 4. Disclosure of Pecuniary Interest and General Nature Thereof

No pecuniary interests were disclosed.

#### 5. Adoption of the Open Minutes - August 13, 2024

[Operations Committee - Aug 13 2024 - Minutes - Html](#) 

**RESOLUTION NO. OP-C-24-09-92**

THAT the minutes of the August 13, 2024, meeting be approved.

*Moved by:* Mark Willmer

*Seconded by:* Daniel Lynch

**CARRIED**

**6. Adoption of the Closed Minutes - August 13, 2024**

**RESOLUTION NO. OP-C-24-09-93**

THAT the Closed minutes of the August 13, 2024, meeting be approved.

*Moved by:* Keith Watt

*Seconded by:* Warden Peter Emon

**CARRIED**

**7. Delegations - None**

**8. Public Works and Engineering Department Report**

**Director's Report**

The Manager of Capital Works overviewed the Director's Report.

- a. [Director of Public Works and Engineering Report](#) 
- [Monthly Status Report](#) 
- [2024 Capital Variance Report](#) 
- [White Lake Traffic Compliance Improvements](#) 

**County Road 2 (White Lake Road) 4-Way Stop Flashing Lights**

**RESOLUTION NO. OP-C-24-09-94**

THAT the Operations Committee recommends that staff proceed with the purchase and installation of flashing beacon lights for the stop signs at the intersection of County Road 2 (White Lake Road), County Road 52 (Burnstown Road), Point Road and Bellamy Road in the hamlet of White Lake in the Township of McNab/Braeside and that the cost be shared 50/50 with the Township of McNab/Braeside.

Moved by: Daniel Lynch

Seconded by: Keith Watt

**CARRIED**

Committee was advised that the financial responsibility for replacement of enhancement lights would follow the procedures outlined in County of Renfrew Policy PW-17, Enhanced Traffic Warning Devices.

**RESOLUTION NO. OP-C-24-09-95**

THAT the Operations Committee directs staff to proceed with submitting an application for funding under the \$400 million Housing-Enabling Core Servicing stream for the reconstruction of County Road 51 (Petawawa Boulevard), County 26 (Doran Road), Hilda Street and Mohns Avenue to a roundabout intersection, in the Town of Petawawa.














Moved by: Daniel Lynch

Seconded by: Warden Peter Emon

**CARRIED**

**Capital Works Division Report**

The Manager of Capital Works overviewed the Capital Works Division Report.

- b. [Capital Works Division Report](#) 
- [KP Lease Draft](#) 
- [KP Purchase Agreement](#) 
- [Traffic Study Request - Petawawa Blvd](#) 
- [By-law 118-24 D - PWC-2024-44 Algonquin Trail](#) 
- [PWC-2024-44 - Delegated Authority Award](#) 
- [Speed Counts - CR 51 at Pine View Public School](#) 
- [By-law B053 Design Planmac](#) 
- [By-law MOU CN Trail](#) 
- [Memorandum of Understanding - CN Rail Line](#) 
- [By-law CR 37 Road Access Agreement](#) 
- [CR 37 Draft Plan](#) 
- [CR 37 Shared Access Location Map](#) 

**RESOLUTION NO. OP-C-24-09-96**

THAT the Operations Committee recommends that County

Council approve Contract PWC-2024-53 as submitted by Planmac Engineering Incorporated, Mississauga, Ontario for Engineering Services for the reconstruction of County Structure B053 (Constant Creek Bridge), located on Ferguson Lake Road, approximately 5.3km north of County Road 508 (Calabogie Road), Township of Greater Madawaska, in the amount of \$196,831, plus applicable taxes; AND THAT County Council adopt a By-law to execute the Professional Services Agreement and Purchase Order for the Contract.

*Moved by:* Mark Willmer

*Seconded by:* Keith Watt

**CARRIED**

**RESOLUTION NO. OP-C-24-09-97**

THAT the Operations Committee recommends that County Council adopt a By-law to enter into a Memorandum of Understanding between the County of Renfrew and the Townships of Laurentian Valley and Whitewater Region for the sale of certain properties formerly owned by CN Rail.

*Moved by:* Daniel Lynch

*Seconded by:* Mark Willmer

**CARRIED**

**RESOLUTION NO. OP-C-24-09-98**

THAT the Operations Committee recommends to County Council that a Road Access Agreement between 2833868 Ontario Inc., on County Road 37 (Murphy Road), on Part of Lot 18, Concession 7, in the geographic Township of Petawawa, Town of Petawawa, County of Renfrew, be approved; AND THAT County Council adopt a By-law to authorize execution of the Road Access Agreement.

*Moved by:* Keith Watt

*Seconded by:* Warden Peter Emon

**CARRIED**

The Manager of Capital Works overviewed the Operations Division Report.

c. [Operations Division Report](#) 

**9. Approval of the Public Works and Engineering Department Report as a Whole**

**RESOLUTION NO. OP-C-24-09-99**

THAT the Public Works and Engineering Department Report be approved as presented.

*Moved by:* Keith Watt

*Seconded by:* Daniel Lynch

**CARRIED**

**10. New Business**

Councillor Lynch reported that a resident of the Township of McNab/Braeside expressed safety concerns regarding the slope of their driveway onto County Road 1 (River) following recent road reconstruction. The Manager of Capital Works indicated that replacing the existing driveway culvert was not necessary and that the construction resulted in minimal alteration to the driveway's gradient. The approach taken for this driveway is consistent with standard practices for similar road projects.

**11. Closed Meeting - None**

**12. Date of next meeting (Tuesday, October 15, 2024) and adjournment**

**RESOLUTION NO. OP-C-24-09-100**

THAT this meeting adjourn and the next regular meeting be held on Tuesday, October 15, 2024. Time: 1:40 p.m.

*Moved by:* Mark Willmer

*Seconded by:* Daniel Lynch

**CARRIED**

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Glenn Doncaster, Chair

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Gwen Dombroski, Clerk

Draft

COUNTY OF RENFREW

PUBLIC WORKS AND ENGINEERING DEPARTMENT REPORT

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**TO:** Operations Committee

**FROM:** Lee Perkins, C.E.T., MBA, Director of Public Works and Engineering

**DATE:** October 15, 2024

**SUBJECT:** Department Report

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**INFORMATION**

**1. Monthly Project Status Report**

Attached as information is the Monthly Project Status Report. Additional project specific information is provided in the Divisional reports.

**2. Capital Program Variance Report**

Attached as information is the Capital Program Variance Report.

**3. Ontario Transit Investment Funding Opportunity**

The Province is investing \$5M annually to help smaller communities build safe and reliable transit services through the new Ontario Transit Investment Fund (OTIF). Municipalities [can apply for OTIF funding](#) on an ongoing basis, with programs expected to begin in 2025. Staff will explore potential shovel ready project that may be considered for this funding.

**4. Township of Laurentian Valley and City of Pembroke – Transportation Master Plan**

The Director of Public Works and Engineering and the Manager of Capital Works attended a meeting on September 15, 2024, at the Township of Laurentian Valley, where Paradigm Transportation Solutions overviewed the attached Transportation Master Plan. A number of touchpoints are identified and staff continue to work with the Township and City staff on transportation initiatives going forward.



5. **American Public Works Association PWX 2024**

From September 7-11, 2024, the Director of Public Works and Engineering had the privilege of attending the American Public Works Association (APWA) PWX 2023 in Atlanta, Georgia. This year's theme, "Advancing Quality of Life for All," offered a premier, multi-modal learning experience tailored for professionals at all levels across the full spectrum of public works and engineering. The conference saw over 6,000 delegates in attendance, including nearly 800 first-time participants. Throughout the event, the Director participated in various educational sessions and meetings, including those related to the Canadian Public Works Association and the Winter Maintenance Sub-Committee. A summary of events attended is attached as information.

**RESOLUTIONS**

6. **Dual Purpose Transit Solution**

**Recommendation:** THAT the Operations Committee directs staff to explore the options of a Dual Purpose Transit Solution, including convening a meeting amongst all local and regional suppliers of transit options; AND THAT staff be directed to contact the appropriate Ministries to determine funding that may be available; AND THAT a Transit Solution Ad-Hoc Committee be developed, with the appropriate terms of reference.

**Background**

Renfrew County, like many rural regions in Ontario, faces significant challenges in providing efficient, affordable, and accessible public transportation for its residents. The current school bus funding dispute between school boards and bus drivers presents an opportunity for the County to explore a creative solution. Staff would like to explore the possibility of working with the local bussing consortium and bus operators on a coordinated approach to the operation of school buses and utilizing them as a dual-purpose system. For consideration as an opportunity, when not transporting students, the buses could provide public transportation services, addressing a critical gap in rural regional transit. If supported, staff will return with a comprehensive report to Committee.

7. **Establishment of an Ontario Rural Road Safety Program**

**Recommendation:** THAT the Operations Committee recommends that County Council endorse the resolution initiated by Good Roads for the establishment of an Ontario Rural Road Safety Program as follows:

WHEREAS, official statistics from the Government of Ontario confirm that rural roads are inherently more dangerous than other roads; and

WHEREAS, despite only having 17% of the population, 55% of the road fatalities occur on rural roads; and

WHEREAS, rural, northern, and remote municipalities are fiscally strained by maintaining extensive road networks on a smaller tax base; and

WHEREAS, preventing crashes reduces the burden on Ontario's already strained rural strained health care system; and

WHEREAS, roadway collisions and associated lawsuits are significant factors in runaway municipal insurance premiums. Preventing crashes can have a significant impact in improving municipal risk profiles;

THEREFORE, BE IT RESOLVED THAT the County of Renfrew requests that the Government of Ontario take action to implement the rural road safety program that Good Roads has committed to lead. It will allow Ontario's rural municipalities to make the critical investments needed to reduce the high number of people being killed and seriously injured on Ontario's rural roads; and

FURTHER THAT a copy of this resolution be forwarded to Premier Doug Ford, Hon. Prabmeet Sarkaria, Minister of Transportation, Hon. Kinga Surma, Minister of Infrastructure, Hon. Rob Flack, Minister of Agriculture, Food and Agribusiness, Hon. Lisa Thompson, Minister of Rural Affairs, Hon. Trevor Jones, Associate Minister of Emergency Preparedness and Response, and Hon. Sylvia Jones, Minister of Health, and Good Roads; and

FURTHER THAT this resolution be circulated to all municipalities in Ontario requesting their support.

**Background**

Attached is a request from the Good Roads requesting Council's support for the establishment of an Ontario Rural Road Safety Program. This resolution aligns with a Resolution No. OP-CC-24-03-25 passed at County Council on March 27, 2024, supporting the development of a Municipal Operator Course at Fanshawe College, and initiated by the Association of Ontario Road Supervisors (AORS).

**Department of Public Works & Engineering**  
**Capital Works Monthly Project Status Report - October 2024**

Project Name/Municipality	Location		Lengths	General Description	Status/Schedule							Comments	
	From	To			EA	Survey	Design	Tender/RFP	Award	Const. Start	Const. End		
<b>ROAD RECONSTRUCTION/REHABILITATION</b>													
1	River Road	Moore Street	Dochart Street	2.03	Pulverize & Pave	100%	100%	100%	March	May	early-July	late-August	Completed. Construction by Bonnechere Excavating Inc.
1	River Road	County CP Trail	Castleford Bridge S EXP Joint	2.16	SAMI & Asphalt Overlay	100%	100%	100%	March	May	early-July	late-August	Completed. Construction by Bonnechere Excavating Inc.
5	Stone Road	Mhusk Road	Highway 60	5.13	Pulverize & Pave	100%	100%	100%	March	April	late-May	late-July	Completed. Construction by Thomas Cavanaugh
8	Cobden Road	Highway 60/County Road 9	Cobden Urban Beginning	14.46	SAMI & Single Surface Treat	100%	100%	100%	March	April	early-August	early-September	Completed. Construction by Walker
13	Mountain Road	Stafford Third Line	Highway 17	4.10	Pulverize & Pave	100%	100%	100%	March	April	late-May	mid-July	Completed. Construction completed by Greenwood Paving
19	Mud Lake Road	County Road 24	Pembroke South Limit	4.75	SAMI & Single Surface Treat	100%	100%	100%	March	May	early-July	early August	Completed. Construction by Walker
30	Lake Dore Road	Sperberg Road	Trailblazers Road	2.28	Pulverize & Pave	100%	100%	100%	April	May	late-July	mid-September	Completed. Construction by BEI
37	Murphy Road	Woodland Crescent	County Road 51 (Petawawa Blvd.)	1.39	Urbanization / Reconstruction	100%	100%	100%	May	June	July	November	Partnership w/ Petawawa; Design by Jp2g; Construction by BEI
64	Opeongo Road	Wieland Shore Road	Highway 41	13.46	Asphalt Overlay	100%	100%	100%	February	March	mid-May	late-August	Completed. Construction by Greenwood; Project extended
65	Centennial Lake Road	Matawathcan/Brougham Twp Line	2872 Centennial Lake Road	2.26	Pulverize & Pave w/ Base	100%	100%	100%	April	May	early-July	early-August	Completed. Clearing by Crains; Construction by JWK
70	Ruby Road	County Road 512	Gorman Road	4.28	Asphalt Overlay	100%	100%	100%	May	May	early-September	mid-October	Construction by JWK
72	Ridge Road	Champlain Street	Deep River Road	0.17	Reconstruction	30%	10%	20%					Project being deferred to align with Deep River CIP
73	Deep River Road	Huron Street/Algonquin Street	Champlain Street	0.35	Reconstruction	100%	100%	100%	June	July	late-August	mid-October	Partnership w/ Deep River; Jp2g Design; McCrea Construction
508	Calabogie Road	County Road 52	Goshen Road	4.28	SAMI & Asphalt Overlay	100%	100%	100%	April	May	early-September	late-October	Construction by Mcrea Excavating
512	Foymount Road	Hubers Road	County Road 515	3.27	Pulverize & Pave	100%	100%	100%	April	May	early-September	mid-October	Construction by Greenwood Paving
512	Foymount Road	B257	Lake Clear Road	1.28	Reconstruction	100%	100%	100%	2023	2023	early-June	October	Completed. Design by BTE; Construction by BEI;
515	Palmer Road	County Road 62	Finch Road	6.54	Pulverize & Pave	100%	100%	100%	April	May	early-August	mid-September	Construction by BEI
	Scratch Coat Paving	Various Locations			Thin Lift Asphalt Overlay/Patch	100%	100%	100%	May	June	late-July	late-August	Completed. Construction by Greenwood Paving
	Traffic Signal Upgrades	Various Locations			Upgrades to AODA	100%	100%	100%	March	April	May	early-September	Completed. Design and construction by Partham Engineering
<b>BRIDGE/CULVERT RECONSTRUCTION/REHABILITATION</b>													
B007	Butler Bridge	Admaston/Bromley (Butler Road)			Major Rehabilitation	100%	100%	100%	December	January	early-June	late-October	Design by Stantec; Construction by BEI
B102	Brennans Creek Bridge	Killaloe, Hagarty & Richards (CR512 Queen Street)			Minor Rehabilitation	100%	100%	100%	January	February	early-July	late-August	Completed. Design by Stantec; Construction by KB Civil
B103	O'Grady Bridge	Killaloe, Hagarty & Richards (O'Grady Settlement Road)			Engineering for Replacement	100%	100%	50%	2025	2025	2025	2025	Project deferred to 2025; Design by HP Engineering
B108	Tramore Bridge	Killaloe, Hagarty & Richards (Tramore Road)			Minor Rehabilitation	100%	100%	100%	April	May	early-July	early-September	Completed. Design by HP; Construction by DW Building Restoration
B156	Burnt Bridge	Brudenell, Lyndoch & Raglan (Burnt Bridge Road)			Engineering for Major Rehab	100%	100%	60%	2025	2025	2025	2025	Project deferred to 2025; Design by J.L. Richards
B181	Peter Black Bridge	Laurentian Valley (CR24 White Water Road)			Major Rehabilitation	100%	100%	100%	March	April	early-June	late-September	Design by WSP; Construction by BEI
B232	Cochrane Creek Bridge	North Algona Wilberforce (Cement Bridge Road)			EA & Engineering for Closure	50%	50%	30%	-	-	-	-	Construction deferred; CHER & Arch Study being prepared
B257	Harrington Creek Bridge	Bonnechere Valley (CR512 Foymount Road)			Replacement	100%	100%	100%	2023	2023	early-June	October	Completed. Included in 512 Reconstruction;
C001	Berlanquet Creek Culvert	Admaston/Bromley (CR5 Stone Road)			Concrete Invert Liner	100%	100%	100%	February	March	mid-July	late-September	Completed. Design by HP; Construction by Clearwater
C012	Farquharson's Culvert	Admaston/Bromley (S. McNaughton Road)			Replacement	100%	100%	10%	-	-	-	-	Construction deferred;
C051	Harris Creek Culvert	Admaston/Bromley (Proven Line)			Replacement	100%	100%	100%	April	May	late-June	early-July	Completed. Internal design & construction
C062	John Watson Culvert 2	Brudenell, Lyndoch & Raglan (John Watson Road)			Replacement	100%	100%	100%	May	June	mid-August	late-August	Completed. Internal design & construction
C134	Campbell Drive Culvert	McNab/Braeside (Campbell Drive)			Concrete Invert Liner	100%	100%	100%	February	March	mid-July	late-September	Completed. Design by HP; Construction by Clearwater
C204	Bellowses Creek Culvert	Whitewater Region (CR12 Westmeath Road)			Major Rehabilitation	100%	100%	100%	February	March	mid-July	late-October	Design by WSP; Construction by Premier North
C215	Elm Creek Culverts	Whitewater Region (Snake River Line)			Replacement	100%	100%	100%	May	June	late-July	early-August	Completed. Internal design & construction
C221	Kenny's Culvert	Whitewater Region (Pleasant Valley Road)			Replacement	100%	100%	100%	May	June	late-August	late-August	Completed. Internal design & construction
C268	St. Columbkille's Culvert	Laurentian Valley (CR58 Round Lake Road)			Minor Rehabilitation	100%	100%	100%	April	May	early-August	late-September	Design by Stantec; Construction by Dalcon
C325	Neilson Creek Culvert	Bonnechere Valley (Lake Clear Road)			Replacement	100%	100%	100%	April	May	mid-September	late-September	Internal design & construction
C339*	Lynch Road Culvert.	Admaston/Bromley (Lynch Road)			Replacement	100%	100%	100%	April	May	mid-July	late-July	Completed. Partner w/ Admaston/Bromley; Internal D & C
	General Bridge Repairs	Various Locations											
<b>FUTURE ENGINEERING</b>													
B053	Constant Creek Bridge	Greater Madawaska (Ferguson Lake Road)			Engineering for Replacement	60%	30%	10%	July	September	2026	2026	Design by Paradigm; MCEA done in 2012
B122	Waba Creek Culvert	McNab/Braeside (CR52 Burnstown Road)			Engineering for Rehabilitation	20%	20%	10%	May	August	2025	2025	Design by HP;
B145	Combermere Bridge	Madawaska Valley (CR62 Combermere Road)			Engineering for Rehabilitation	100%	100%	100%	2023	2023	2025	2025	Design by Jacobs Engineering, ongoing;
C014	Labombard Culvert	Admaston/Bromley (Chris Ruddy Road)			Engineering for Replacement	90%	100%	20%	May	June	2025	2025	Internal design
C024	Culvert	Laurentian Valley (Sandy Beach Road)			Engineering for Replacement	90%	100%	20%	-	-	2025	2025	Internal design
C040	Snay Culvert	Admaston/Bromley (CR8 Cobden Road)			Engineering for Replacement	90%	50%	20%	-	-	2025	2025	Internal design
C136	Rocky Hill Culvert	McNab/Braeside (Robertson Line)			Engineering for Replacement	100%	100%	90%	2023	2023	2025	2025	Design by Jp2g, ongoing;
C201	Burnt Creek Culvert	Whitewater Region (CR7 Foresters Falls Road) - 2025			Engineering for Replacement	100%	100%	100%	2023	2023	2025	2025	Includes dam replacement; Design by J.L. Richards, ongoing;
C229	Burnt Creek Culvert	North Algona/Wilberforce (Burnt Bridge Road)			Engineering for Replacement	40%	100%	20%	-	-	2025	2025	Internal design
C330	McNab/Braeside Culvert	McNab/Braeside (CR52 Burnstown Road)			Engineering for Replacement	100%	100%	60%	-	-	2025	2025	Internal design


**2024 CAPITAL PROGRAM VARIANCE - ROADS/STRUCTURES**

No.	Location	From	To	Budgetted Length (km)	Actual Length (km)	2024 BUDGET	October Projected	Variance	Carry Over
<b>County Road Reconstruction/Rehabilitation</b>									
1	River Road <i>McNab/Braeside</i>	Moore Street	Dochart Street	2.03	2.03	1,138,830	1,074,357	-64,473	
1	River Road <i>Horton</i>	County CP Trail	Castleford Bridge S EXP Joint	2.16	2.16	922,351	685,530	-236,821	
5	Stone Road <i>Admaston Bromley</i>	Mhusk Road	Highway 60	5.13	5.13	1,931,070	1,557,000	-374,070	
8	Cobden Road <i>Admaston Bromley</i>	Highway 60/County Road 9	Cobden Urban Beginning	14.46	14.46	1,920,471	1,534,967	-385,504	
13	Mountain Road <i>Laurentian Valley</i>	Stafford Third Line	Highway 17	4.10	4.10	1,471,900	1,221,818	-250,082	
19	Mud Lake Road <i>Laurentian Valley</i>	County Road 24	Pembroke South Limit	4.75	4.75	891,039	825,038	-66,001	
30	Lake Dore Road <i>North Algona/Wilberforce</i>	Sperberg Road	Traiblazers Road	2.28	2.28	1,137,221	1,538,650	401,429	
37	Murphy Road <i>Petawawa</i>	County Road 26 (Doran Road)	County Road 51 (Petawawa Blvd.)	0.93	0.93	1,537,635	2,460,000	922,365	
64	Opeongo Road <i>Bonnechere Valley</i>	Wieland Shore Road	Highway 41	8.19	13.46	2,599,214	3,135,248	536,034	
65	Centennial Lake Road <i>Greater Madawaska</i>	Matawatchan/Brougham Twp Line	2872 Centennial Lake Road	2.26	2.26	951,460	1,049,856	98,396	
70	Ruby Road <i>Killaloe, Hagarty and Richards</i>	County Road 512	Gorman Road	4.28	4.28	1,472,166	1,436,826	-35,340	
72	Ridge Road <i>Deep River</i>	Champlain Street	Deep River Road	0.17	0.00	315,258	5,000	-310,258	310,258
73	Deep River Road <i>Deep River</i>	Huron Street/Algonquin Street	Champlain Street	0.35	0.35	668,610	665,567	-3,043	
508	Calabogie Road <i>McNab/Braeside</i>	County Road 52	Goshen Road	4.28	4.28	2,191,180	1,685,841	-505,339	
512	Foymount Road <i>Brudenell Lyndoch Raglan</i>	Hubers Road	County Road 515	3.27	3.27	1,173,930	1,568,101	394,171	
512	Foymount Road <i>Bonnechere Valley</i>	B257	Lake Clear Road	1.23	1.23	1,032,960	1,053,000	20,040	
515	Palmer Road <i>Madawaska Valley</i>	County Road 62	Finch Road	6.54	6.54	1,911,949	1,940,344	28,395	
	Scratch Coat Paving	Various Locations				750,000	745,000	-5,000	
				<b>66.41</b>	<b>71.51</b>	<b>24,017,244</b>	<b>24,182,144</b>	<b>164,900</b>	<b>310,258</b>
<b>County Structure Reconstruction/Rehabilitation</b>									
No.	Structure Name	Location				2024 BUDGET	October Projected	Variance	Carry Over
B007	Butler Bridge	Admaston/Bromley (Butler Road)				1,400,000	1,845,000	445,000	
B102	Brennans Creek Bridge	Killaloe, Hagarty & Richards (CR512 Queen Street)				600,000	489,371	-110,629	
B103	O'Grady Bridge	Killaloe, Hagarty & Richards (O'Grady Settlement Road)				238,500	40,000	-198,500	198,500
B108	Tramore Bridge	Killaloe, Hagarty & Richards (Tramore Road)				400,000	570,512	170,512	
B156	Burnt Bridge	Brudenell, Lyndoch & Raglan (Burnt Bridge Road)				477,000	50,000	-427,000	427,000
B181	Peter Black Bridge	Laurentian Valley (CR24 White Water Road)				1,800,000	1,557,168	-242,832	
B232	Cochrane Creek Bridge	North Algona Wilberforce (Cement Bridge Road)				450,000	5,000	-445,000	445,000
B257	Harrington Creek Bridge	Bonnechere Valley (CR512 Foymount Road)				800,000	800,000	0	
C001	Berlanquet Creek Culvert	Admaston/Bromley (CR5 Stone Road)				750,000	566,561	-183,439	
C012	Farquharson's Culvert	Admaston/Bromley (S. McNaughton Road)				200,000	40,000	-160,000	160,000
C051	Harris Creek Culvert	Admaston/Bromley (Proven Line)				160,000	120,000	-40,000	
C062	John Watson Culvert 2	Brudenell, Lyndoch & Raglan (John Watson Road)				600,000	600,000	0	
C134	Campbell Drive Culvert	McNab/Braeside (Campbell Drive)				600,000	691,633	91,633	
C204	Bellows Creek Culvert	Whitewater Region (CR12 Westmeath Road)				1,200,000	1,155,310	-44,690	
C215	Elm Creek Culverts	Whitewater Region (Snake River Line)				360,000	220,000	-140,000	
C221	Kenny's Culvert	Whitewater Region (Pleasant Valley Road)				200,000	180,000	-20,000	
C268	St. Columbkille's Culvert	Laurentian Valley (CR58 Round Lake Road)				900,000	371,879	-528,121	
C325	Neilson Creek Culvert	Bonnechere Valley (Lake Clear Road)				500,000	424,276	-75,724	
	Lynch Road Culvert	Admaston/Bromley (Lynch Road)				120,000	80,000	-40,000	
	General Bridge Repairs	Various Locations				150,000	100,000	-50,000	
						<b>11,905,500</b>	<b>9,906,709</b>	<b>-1,998,791</b>	<b>1,230,500</b>
<b>Engineering for Future Works</b>									
No.	Name	Location				2024 BUDGET	October Projected	Variance	Carry Over
B053	Constant Creek Bridge	Greater Madawaska (Ferguson Lake Road)				140,000	100,000	-40,000	40,000
B122	Waba Creek Bridge	McNab/Braeside (CR52 Burnstown Road)				45,000	45,000	0	
B145	Combermere Bridge	Madawaska Valley (CR62 Combermere Road)				40,000	40,000	0	
C014	Labombard Culvert	Admaston/Bromley (Chris Ruddy Road)				18,000	18,000	0	
C024	Cliché Culvert	Laurentian Valley (Sandy Beach Road)				18,000	18,000	0	
C040	Snake River Culvert	Admaston/Bromley (CR8 Cobden Road)				25,000	25,000	0	
C136	Robertson Twin Pipes	McNab/Braeside (Robertson Line)				31,000	31,000	0	
C201	Broomes Creek Culvert	Whitewater Region (CR7 Foresters Falls Road)				70,000	90,000	20,000	
C229	Burnt Bridge	North Algona/Wilberforce (Burnt Bridge Road)				18,000	18,000	0	
C330	McLeads Culvert	McNab/Braeside (CR52 Burnstown Road)				18,000	18,000	0	
						<b>423,000</b>	<b>403,000</b>	<b>-20,000</b>	<b>40,000</b>
Traffic Signals - Upgrades		Various Locations				250,000	232,500	-17,500	
						<b>250,000</b>	<b>232,500</b>	<b>-17,500</b>	<b>0</b>
						<b>36,595,744</b>	<b>34,724,353</b>	<b>-1,871,391</b>	<b>1,580,758</b>
<b>CCBF Funded Project</b>		<b>OCIF Funded Project</b>							



## About the study

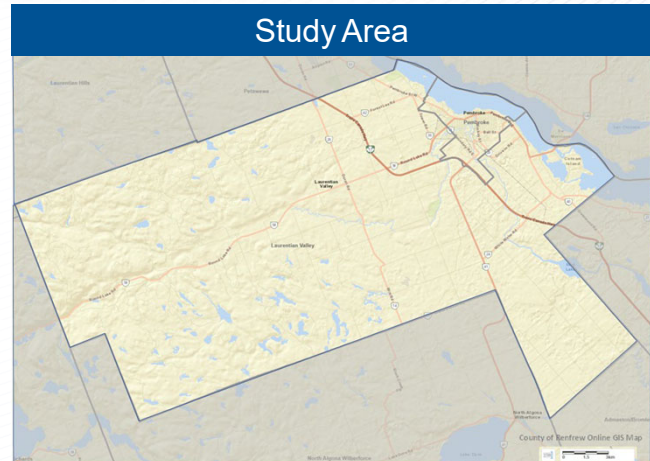
- ▶ **Pembroke and Laurentian Valley are experiencing rapid growth**
  - Ongoing and expected development within and around City boundaries
- ▶ **East-west roads are particularly affected**
  - by local growth and by traffic passing through
  - Limited crossings of Muskrat and Indian Rivers
- ▶ **The East-West Transportation Master Plan:**
  - Examines the existing and future needs for roads, sidewalks and active transportation infrastructure in the study area
  - Addresses those needs by developing plans and policies that support future growth





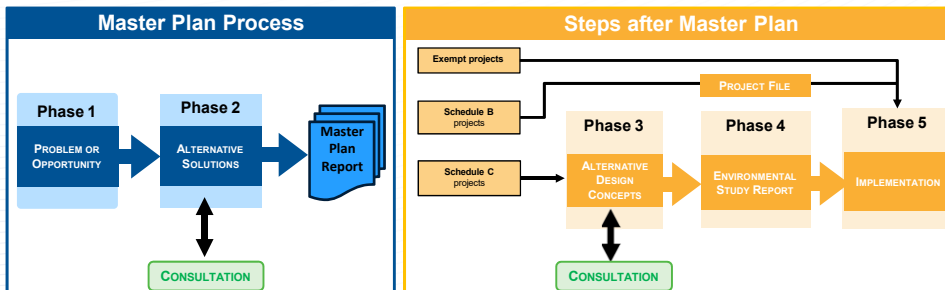
## Study process

- ▶ **Study Area includes entire township and City**
  - Focus on needs in and around Pembroke
  - Considered travel patterns to / from Petawawa and other external areas
- ▶ **Study followed Master Plan Process under Ontario's Environmental Assessment Act**
  - Provides high-level justification for projects
  - Major projects will need further detailed assessment



## Transportation Master Plan process

- ▶ **Identification of improvement needs / not the design**
  - Complexity of projects will determine next steps
- ▶ **Design work and Class EA studies may be needed prior to project implementation**



## Engagement

- ▶ Online survey
- ▶ Website
- ▶ Public Open House (December 2023)
- ▶ Renfrew County



## Online survey

### ▶ 164 Participants (43% residents of Laurentian Valley)

- Lower participation by those under age 25

### ▶ There is an opportunity for enhanced active transportation

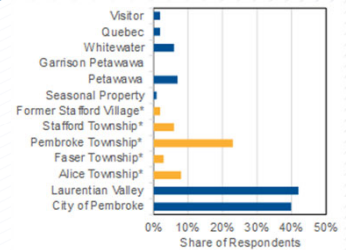
- 9% of residents travel under 2 km to work or school

### ▶ Barriers to greater active transportation use:

- Safety a key barrier to cycling
- Distance a key barrier to walking

### ▶ Resident Priorities

- Strong support for improving condition of roads
- Co-ordinating signals, adding turn lanes, and widening or building new roads supported to improve convenience
- Separating cyclists, adding pedestrian crossings, and traffic calming viewed as positive safety measures



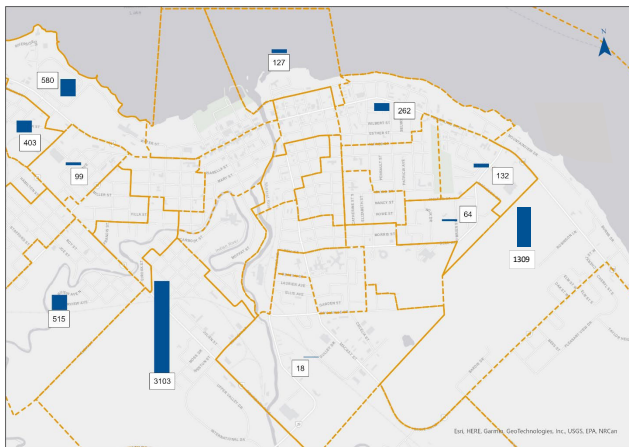
## Public Open House (December 2023)

- ▶ **12 attendees (excluding staff)**
- ▶ **41 Comments Received**
  - 4 at PIC
  - 1 by email
  - 36 via Website
- 36 / 41 expressed support for road improvement recommendations
- 36 / 41 expressed support for policy recommendations
- ▶ **A number of comments resulted in changes to recommended plan**



## Growth is driving the need for improvements

- ▶ **Growth Forecasts & Allocation based on approved Draft Plans and development concept plans**



Horizon	Jurisdiction		Total
	City of Pembroke	Laurentian Valley	
<b>5 Year (2026)</b>			
New Dwellings	536	240	776
New Population	1,179	610	1,789
<b>10 Year (2031)</b>			
New Dwellings	719	774	1,493
New Population	1,582	1,919	3,501
<b>20+ Year (2041+)</b>			
New Dwellings	921	887	1,808
New Population	2,026	2,054	4,080
<b>Total New Dwellings</b>	<b>2,176</b>	<b>1,901</b>	<b>4,077</b>
<b>Total New Population</b>	<b>4,787</b>	<b>4,583</b>	<b>9,370</b>

Jurisdiction	2021	2041	Population Growth Rate
	Population	Population	
City of Pembroke	14,364	19,152	1.45%
Town of Petawawa	18,160	22,272	1.03%
Laurentian Valley	9,450	14,131	2.03%






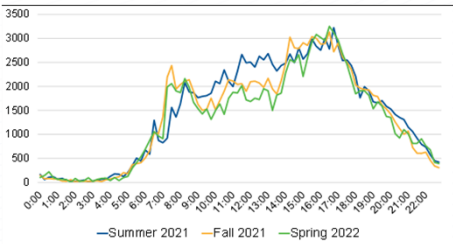


## Planning context

- ▶ **We don't plan for the worst traffic conditions**
  - don't want to overbuild the system, can't afford to widen all busy roads
  - examined average weekday volume patterns in summer / fall / spring
  - plan based on serving travel demands for an average weekday in the summer



Pembroke Street East – July 1<sup>st</sup> Long Weekend




Summer / Fall / Spring Traffic Patterns

**Travel during a typical summer day**

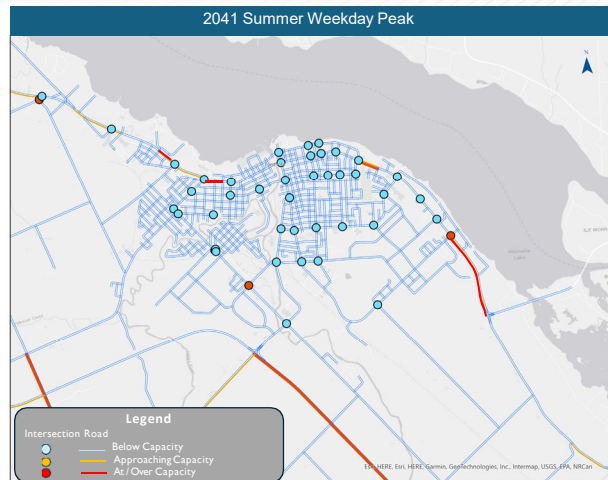
Approximately 95,000 auto trips made each day

- ▶ 40% of trips travel within Pembroke / LV
- ▶ 21% of trips travel within Petawawa
- ▶ 13% of trips travel between Petawawa and Pembroke / LV
- ▶ 22% travel to / from external areas
- ▶ 3% pass through the study area



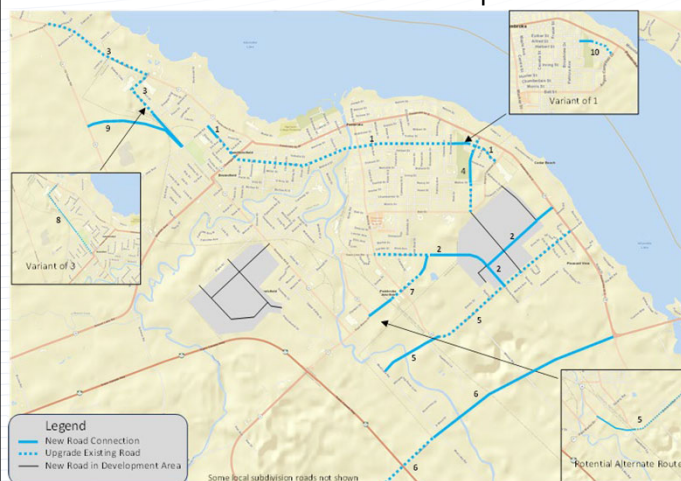
## Planned improvements

- ▶ Highway 148 widening (MTO)
- ▶ New roads in growth areas
  
- ▶ **Planned improvements will help manage growth in traffic but :**
  - Congestion will grow and happen more frequently on Pembroke Street
  - Additional traffic use on local roads



## Improvement alternatives

- ▶ **6 improvement alternatives initially assessed**
  - 4 alternatives added based on public feedback



### Alternatives

- 1: Enhance Mary Street / Alfred Street
- 2: D'Youville Drive connection to Drive In Road and Robinson Road
- 3: Boundary Road Extension and Widening of Pembroke Street West
- 4: O'Brien Street Connection
- 5: Local By-Pass Route Via Drive In Rd and new connection to Mud Lake Road or Paul Martin Drive
- 6: New MTO bypass
- 7: Quarry Road Extension
- 8: Boundary Road Extension – no widening of Pembroke St W
- 9: Boundary Road Extension to TV Tower Rd
- 10: Alfred Street Connection



# Evaluation results

## Based on Evaluation approach in Municipal Class EA

- Transportation – ability to address deficiencies / avoid adverse impacts
- Social – potential impacts to neighbourhoods / cultural resources / recreation
- Environmental – potential impacts to natural areas / emissions in neighbourhoods
- Economic – costs / potential Impacts to businesses

## 5 key projects recommended for inclusion in Plan

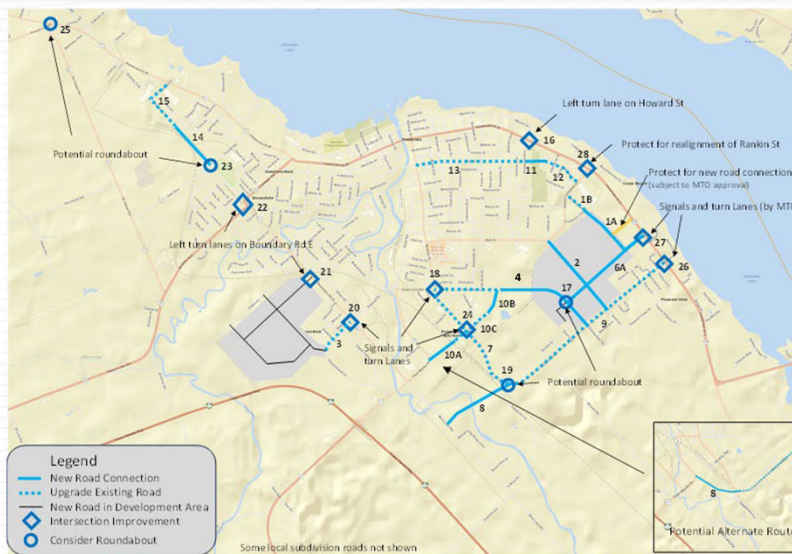
Criteria / Alternative	1	2	3	4	5	6	7	8	9	10
Transportation										
Social										
Environmental										
Economic										
Overall	✗	Include	✗	✗	Include	✗	Include	Include	✗	Include

### Alternatives

- 1: Enhance Mary Street / Alfred Street
- 2: D'Youville Drive connection to Drive In Road and Robinson Road
- 3: Boundary Road Extension and Widening of Pembroke Street West
- 4: O'Brien Street Connection
- 5: Local By-Pass Route Via Drive In Rd and new connection to Mud Lake Road or Paul Martin Drive
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- 7: Quarry Road Extension
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- 9: Boundary Road Extension to TV Tower Rd
- 10: Alfred Street Connection



# Recommended road improvements



## 32 Road improvement projects identified:

- New road connections
- Upgrades to existing roads
- Intersection improvements
- Corridor protection

## Network designed to:

- Serve traffic from growth areas
- Limit increase in traffic on Pembroke Street
- Limit increase in traffic on local City streets

## Implement over 20 years





## Recommended road improvement costs

- ▶ Some projects will be funded through development charges
- ▶ Some projects may be constructed as part of development
- ▶ Cost sharing opportunities for some projects

Project#	Major Road Projects	Limits	MCEA Schedule	Length (km)	Total Cost Estimate	Time Period
1A	Matheson Drive - new road connection A	Cockburn Crescent to Robinson Lane	by developer	0.7	\$ 4,500,000	0-5
1B	Matheson Drive upgrade	Angus Campbell Drive to Cockburn Crescent	Exempt (21)	0.28	\$ 1,400,000	0-5
2	New Road connection B	Drive-In Road to Angus Campbell Drive / Bell Street	by developer	1.1	\$ 6,200,000	0-5
3	Upgrade /Urbanize International Drive	Boundary Road E to New Subdivision Road	Exempt (21)	0.47	\$ 2,600,000	0-5
6A	Robinson Lane Extension / Upgrade	Highway 148 to D'Youville Drive	by developer	1.1	\$ 6,800,000	0-5
9	Drive-In Road Upgrade	Highway 148 to MacKay Street	Exempt (19a)	2.2	\$ 6,900,000	5-10
10A	Quarry Road Extension	Paul Martin Drive to CN Rail Corridor	Schedule C	0.7	\$ 4,900,000	5-10
10C	Quarry Road Upgrade	CN Rail Corridor to Existing Limit	Exempt (21)	0.5	\$ 2,700,000	5-10
11	Alfred Street Extension (new road)	Rosewood Avenue to O'Brien Street N	Schedule C	0.22	\$ 2,100,000	5-10
12	Alfred Street Upgrade	O'Brien Street to Angus Campbell Drive	Exempt (21)	0.48	\$ 2,900,000	5-10
13	Alfred Street Traffic Calming	Rosewood Avenue to MacKay Street	Exempt (28a)	1.3	\$ 600,000	5-10
4	D'Youville Drive Extension (new road)	Existing Limit to Drive-In Road	by developer	1.2	\$ 9,300,000	10-20
5A	D'Youville Drive Urbanization	MacKay Street to Existing Limit	Exempt (21)	0.8	\$ 3,800,000	10-20
6B	Robinson Lane Extension / Upgrade	D'Youville Drive to Bardis Drive	by developer	0.5	\$ 3,100,000	10-20
7	MacKay Street Upgrade /Urbanization	Townline Road /D'Youville Drive to Drive-In Road	Exempt (21)	1.5	\$ 7,600,000	10-20
8	Drive-In Road Extension (new road)	MacKay Street to Mud Lake Road	Schedule C	1.1	\$ 10,000,000	10-20
10B	Quarry Road Extension	Existing Limit to D'Youville Drive	Schedule C	0.4	\$ 2,800,000	10-20
14	Boundary Road East Extension (new road)	Forced Road to Douglas Street	Schedule C	0.67	\$ 6,300,000	10-20
15	Boundary Road West /Crandal Street Upgrade	Douglas Street to Pembroke Street West	Exempt (21)	0.75	\$ 4,000,000	10-20
<b>Total Major Road Projects</b>					<b>\$ 88,500,000</b>	



## Recommended road improvement costs

### ▶ Cost of intersection improvements

Project#	Intersection Improvements	Intersecting Road	MCEA Schedule	Total Cost Estimate	Time Period
16	Howard Street - Left Turn Lane	Pembroke Street East	Exempt (19a)	\$ 400,000	5-10
17	D'Youville Road - Roundabout	Robinson Lane		Included in Proj 4	
18	D'Youville Road /Townline Road - turn lanes and sign	MacKay Street		Included in Proj 5A	
19	Drive-In Road - roundabout	MacKay Street /Mud Lake Road Connection		Included in Proj 8	
20	Boundary Road - turn lanes and signals	International Drive		Included in Proj 3	
21	Boundary Road - turn lanes and signals	New Subdivision Entrance Road	Exempt (19a)	\$ -	5-10
22	Boundary Road E - Left Turn Lanes	Bruham Avenue and Trafalgar Rosad	Exempt (19a)	\$ 900,000	5-10
23	Boundary Road E -roundabout	Forced Road		Included in Proj 14	
24	MacKay Street - turn lanes and signals	Quarry Road		Included in Proj 7	
25	TV Tower Road - roundabout	Foreast Lea Road / Pembroke Street West	Schedule B	\$ 5,200,000	10-20
26	Highway 148 - Turn Lanes and Signals (by MTO)	Drive-In Road	By Others		
27	Highway 148 - Turn Lanes and Signals (by MTO)	Robinson Lane	By Others		
28	Rankin Street Realignment	Highway 148 /Angus Campbell Drive	Corridor Protection Only		
<b>Total Intersection Improvements</b>				<b>\$ 6,500,000</b>	

### ▶ Total Improvement Cost of \$95.0 M over 20 years

Proponent	Estimated Cost	0-5 Year	5-10 year	10-20 year
City	\$ 24,200,000	\$ 4,000,000	\$ 13,600,000	\$ 6,600,000
Township	\$ 29,900,000	\$ 17,500,000	\$ -	\$ 12,400,000
County	\$ 13,000,000	\$ -	\$ 7,800,000	\$ 5,200,000
City /Township	\$ 17,900,000	\$ -	\$ -	\$ 17,900,000
County /Township	\$ 10,000,000	\$ -	\$ -	\$ 10,000,000
<b>Total</b>	<b>\$ 95,000,000</b>	<b>\$ 21,500,000</b>	<b>\$ 21,400,000</b>	<b>\$ 52,100,000</b>





## Recommended policy directions

- ▶ Transit
- ▶ Walking and Cycling
- ▶ Roadway Classifications
- ▶ Traffic Management
- ▶ Highway 148 Corridor
- ▶ Official Plan / Corridor Protection

## Transit

- ▶ **The need for transit was a key issue for the public**
- ▶ **The City is now implementing recent transit feasibility study**
  - Previous study recommended demand-responsive service covering whole city plus Walmart plaza
- ▶ **Laurentian Valley should consider partnership with Pembroke to provide transit beyond City boundary**



## Walking and Cycling

- ▶ **Pembroke**
  - Compact nature of city means lots of trips are short enough for walking/cycling
  - City should prepare an Active Transportation Plan to identify new trail opportunities, potential cycling infrastructure and priorities for completing missing sidewalk links
  - The City should review and update existing trail crossing designs, pavement marking and signage
- ▶ **Township**
  - Developing an Active Transportation and Trails Plan
  - Examining infrastructure and policy needs for walking, cycling, trails, and related activities
  - Draft recommendations presented at PIC – June 2024
  - Anticipated completion in fall 2024





## Road Classification & Traffic Management



### ► **Pembroke & Township**

- consider the creation of **design guidelines** for roads tied to roadway classification system
- consider adopting policies and processes for reviewing requests for **speed management / traffic calming** on City and Township roads
- develop a **permissive truck route system** to direct truck traffic to / from the provincial highway network and away from the downtown and local roads



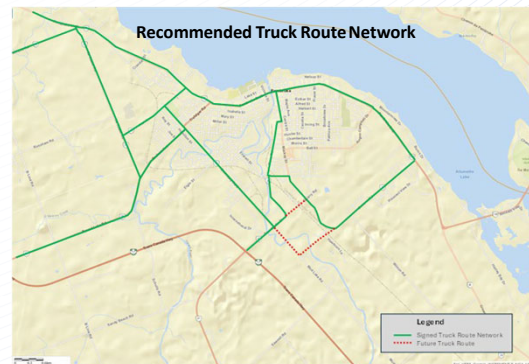
Truck Route Signage - GaitHER



Truck Route Signage - Bracher's West GaitHER

### ► **Township**

- Laurentian Valley should adopt a refined roadway classification system (such as Township Arterial, Township Collector, Township Local, Seasonal Road)



## Highway 148 corridor considerations (Township)



### ► **Undertook a peer review of the planned reconstruction of Highway 148**

- Review of design, sidewalks, corridor management and intersection improvements

### ► **To facilitate future development approvals, the Township should investigate the feasibility of assuming Highway 148 from MTO under the connecting link program (Angus Campbell Drive to Drive-In Road), after MTO has finished improvements**

### ► **Continue to advocate for review of Highway 148 / Greenwood Road intersection configuration**



## Official Plan policies

- ▶ **The City of Pembroke and the Township of Laurentian Valley should incorporate the recommended policy measures into their next update to their respective Official plans.**
  - Road Classification System
  - Road widening, right-of-way, and entrance spacing policies
  - Active transportation
  - Incorporate future right-of-way requirements into respective Official Plans to ensure lands can be secured at the time of development approval.
- ▶ **Incorporate policies for corridor protection and identify future corridors in a Schedule to Official Plan**
  - Angus Campbell Dr / Rankin St
  - New Road Connection to Highway 148
  - Drive-In Road Extension
  - Quarry Road Extension
  - Boundary Road Extension

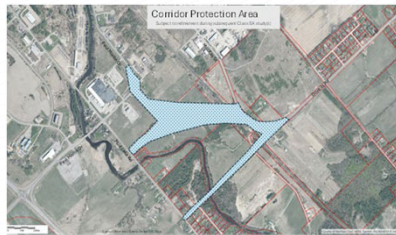


## Corridor protection recommendations

Angus Campbell Dr / Rankin St



Drive-In Road Extension



Quarry Rd Extension



Boundary Rd Extension



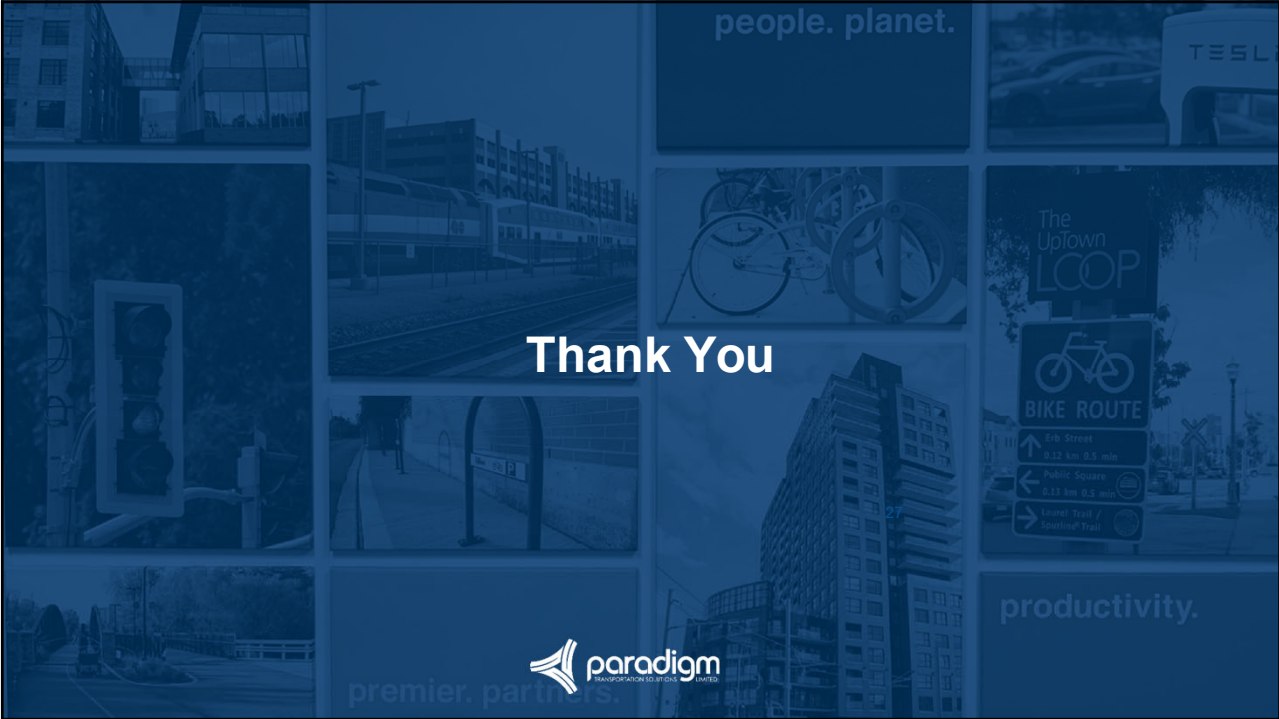




## County Co-ordination Considerations

- ▶ Work with County on road improvement projects identified for County Roads
  - Drive-In Road New Connection (Schedule C Class EA)
  - Drive-In Road upgrades
    - turning lanes / signals, cycling facilities
  - Boundary Road upgrades
    - turning lanes / signals
  - TV Tower Road / Forest Lea Road / Pembroke St W
    - Review opportunities for roundabout
  - Forced Road / Boundary Road
    - Review opportunities for roundabout
- ▶ Active Transportation facilities on County Roads
  - Paved shoulder treatments
- ▶ Incorporate Township projects into County TMP





people. planet.

TESLA

Thank You

The UpTown LCOP

BIKE ROUTE

- 0.12 km 0.5 min
- 0.13 km 0.2 min



premier. partners.

productivity.

## American Public Works Association PWX 2024 Report – September 7-11, 2024

1. Canadian Public Works Association (CPWA) – This meeting is a Board of Directors for the CPWA , representation from all participating provinces are present. This group has been developed for advocacy at a federal level. Public Works officials meet and discuss issues related to infrastructure in Canada with officials in Ottawa on a semi-annual basis with the following Public Policy priorities:
  - Emergency Management and Disaster Mitigation
  - Climate Resilient Infrastructure
  - Water Resilience
2. Winter Maintenance Subcommittee – This meeting is a group of snow and ice control professionals from across North America with a mandate to provide training to agencies throughout North America and liaison with many organizations and groups in the field of transportation.
3. Exhibition Showcase – Over 300 vendors were present on the exhibition floor everything from Advanced Drainage Systems to Zonar Systems was represented. Everything public works was shown to improve efficiency and effectiveness for the delivery of services.
4. National Equipment Rodeo – This is an opportunity for the most skilled operators in American and Canada to compete against each other in friendly competition.
5. Canadian Public Works Luncheon – The New Board of Directors was announced. I was induced as the CPWA President for 2024 –2025, with Angela Storey from the City of Hamilton, being selected President Elect. Below is a copy of the acceptance speech;

Good afternoon, everyone.

It is with great honor and gratitude that I stand before you today as the incoming President of Canadian Public Works Association. This moment is both humbling and exciting, and I am deeply grateful for the opportunity.

First and foremost, I want to express my heartfelt thanks to Scott Lamont for his exemplary leadership and dedication. Scott, your tireless efforts, passion, and commitment to your community and this organization have set a high standard for us all. I am inspired by your work and will strive to carry forward the legacy you have established.

To Bret Hodne, thank you for your mentorship and for always being a source of encouragement. Your wisdom and experience have been invaluable to me, and I appreciate the many ways you have contributed to my professional growth.

I also want to acknowledge Scott Grayson for his unwavering support and guidance. Scott, your insights and vision have been instrumental in shaping the direction of Canadian Public Works, and I look forward to working closely with you as we continue to

build on our successes. Also, Teresa Hon and all APWA staff members that make all this possible.

Finally, I want to extend my deepest gratitude to all of my employers over the past 25 years, including my current employer the County of Renfrew. Their support, belief in my abilities, and encouragement have been the foundation of my career. I am truly fortunate to have had the opportunity to work with such dedicated and talented public works team members.

As I take on this role, I am filled with optimism about the future of Canadian Public Works Association. Together, we will continue to uphold the highest standards of excellence, innovation, and service to our communities. I am excited to work alongside all of you as we strive to make a positive and lasting impact.

Thank you once again for this incredible opportunity. I look forward to serving as your President and to the great work we will accomplish together.

6. First-Timers and New Members Meeting – I was invited to be a panel member with Mr. Ryan Blancke, Assistant Public Works Director for York County, South Carolina and Ms. Heshia Gamble, Assistant County Administrator for Engineering and Public Works with the County of Greenville, South Carolina. The topic of discussion was your APWA story and how we became involved with APWA.
7. Does AI Have a Place in the Public Works Toolbox: Examples of using AI to generate reports and how AI may advance public works into the future were presented. Interestingly, the presenter gave a number of AI discrepancies when generating reports. Must always fact check AI was the theme of this presentation.
8. Connected Vehicle Program – City of Johns Creek, Georgia: Specific obstacles were discussed with the roll out of connected vehicle programs.
9. Supervision, Management, Leadership, Oh My!: Definitions of supervision, management and leadership were discussed in an interactive session. Tactics to better address common supervision, management and leadership challenges were reviewed.
10. Every Speed Profiler – Aligning Ride Quality Measurement with Road User Experience: New technology to determine pavement quality and convey the information to the motoring public.
11. Ideas for Limiting Salt Usage in De-icing Activities: Salt used for winter de-icing is enter the ecosystem, this presentation discussed more precise tracking of salt usage, by lowering salt usage not only is it good for the environment the savings can be used to implement other strategies for salt management.

12. How to Make Data-Driven Winter Maintenance Decisions: Leveraging data to make better decisions during winter events. Improved weather forecasting, in concert with proper strategies to tackle de-icing were discussed.
  
13. How to Build an Excellent Work Environment in Public Works Operations: I co-presented with Mr. Kevin Hemsley of Grimes, Iowa and Ms. Arielle Swift Public Works Director for Dubuque, Iowa. We discussed employee recognition and identifying the multi-generational workforce in place.

# Good Roads

Wednesday, October 09, 2024

To: County of Renfrew Head of Council and Council Members

Sent via email to: [info@countyofrenfrew.on.ca](mailto:info@countyofrenfrew.on.ca)

**Subject: Establishment of an Ontario Rural Road Safety Program**

Too many Ontarians are being seriously injured or killed on our roads.

In 2023, there were 616 people killed and 36,090 people injured. The number of fatalities is up nearly 20% in the last ten years.

In 2021, the most recent year of complete data from MTO's *Ontario Road Safety Annual Report* (ORSAR), there were 561 fatalities – 426 of which occurred on municipal roads. While rural Ontario only represents 17% of the province's population, 55% of these deaths occurred on rural roads. By any measure, Ontario's rural roads are disproportionately more dangerous.

At the same time, municipal insurance premiums continue to increase. With no plausible reform being considered for joint and several liability, municipalities need to find innovative means for managing risk, particularly on their roadways,

To deal with this crisis, Good Roads has designed a multifaceted rural road safety program and have been in discussions with the Ministry of Transportation to fund it. The program would target a municipality's most dangerous roads, perform road safety audits, and install modern safety infrastructure that prevents serious injuries and save lives. This program is designed to be cost effective while also providing rural municipalities with a direct means for addressing risk associated with their roadways.

Good Roads has proposed leading a five-year \$183 million program that leverages our 131 years of municipal road expertise and our industry partnerships to quickly put in place the solutions that will address some of Ontario's most dangerous roads.

Good Roads is seeking support to address these preventable tragedies.

If the County of Renfrew would be interested in pursuing this, a Council resolution similar to the example below should be adopted and sent to the Premier and the Minister of Transportation:

WHEREAS official statistics from the Government of Ontario confirm that rural roads are inherently more dangerous than other roads;

AND WHEREAS, despite only having 17% of the population, 55% of the road fatalities occur on rural roads;

AND WHEREAS, rural, northern, and remote municipalities are fiscally strained by maintaining extensive road networks on a smaller tax base;

AND WHEREAS, preventing crashes reduces the burden on Ontario's already strained rural strained health care system;

AND WHEREAS, roadway collisions and associated lawsuits are significant factors in runaway municipal insurance premiums. Preventing crashes can have a significant impact in improving municipal risk profiles;

THEREFORE, BE IT RESOLVED THAT the County of Renfrew requests that the Government of Ontario take action to implement the rural road safety program that Good Roads has committed to lead. It will allow Ontario's rural municipalities to make the critical investments needed to reduce the high number of people being killed and seriously injured on Ontario's rural roads; and

FURTHER THAT a copy of this resolution be forwarded to Premier Doug Ford, Hon. Prabmeet Sarkaria, Minister of Transportation, Hon. King Surma, Minister of Infrastructure, Hon. Rob Flack, Minister of Agriculture, Hon. Lisa Thompson, Minister of Rural Affairs, Hon. Trevor Jones, Associate Minister of Emergency Preparedness and Response, and Hon. Sylvia Jones, Minister of Health, and Good Roads; and

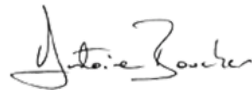
FURTHER THAT this resolution be circulated to all municipalities in Ontario requesting their support.

If you have any questions regarding this initiative please contact Thomas Barakat, Good Roads' Manager of Public Policy & Government Relations, at [thomas@goodroads.ca](mailto:thomas@goodroads.ca) at your convenience.

Sincerely,



Scott R. Butler  
Executive Director



Antoine Boucher  
President  
Good Roads Board of Directors

## CAPITAL WORKS DIVISION REPORT

Prepared By: Taylor Hanrath, P.Eng., Manager of Capital Works  
Prepared for: Operations Committee  
October 15, 2024

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### INFORMATION

#### 1. 2025 Capital Program Planning

Included for reference is the list of transportation infrastructure Capital Projects planned for 2025 in the County's Asset Management Plan. Though the Capital Program in general would see benefits, there are a number of projects highlighted below that would especially benefit from approval of Capital Budget ahead of the typical January timeline. As such, the following items are being put forward for discussion as part of the Special Council meeting planned for October 28, 2024:

- a. County Road 2 (Daniel Street North), from Madawaska Street to County Road 10 (Baskin Drive West); Asset IDs 20000 and 20091:
  - More significant design is required due to the recommendation of a median from the draft Transportation Management Plan (TMP) development, more time for design would be of great benefit.
- b. County Road 3 (Usborne Street), from County Road 1 (River Road) to the urban limits of Braeside; Asset ID 30000:
  - Given the urban cross-section of this section of road, more time to review storm sewer and curb needs ahead of design would be beneficial.
- c. County Road 36 (TV Tower Road), from County Road 35 (Jean Avenue) to County Road 42 (Forest Lea Road), and County Road 51 (Pembroke Street West), from City of Pembroke Limits to County Road 42 (Forest Lea Road); Asset IDs 360000, 360138, and 510000:
  - Extensive drainage improvements stretching through all three sections of road, requires more extensive survey works and design considerations.
- d. County Structure B053 (Constant Creek Bridge), on Ferguson Lake Bridge, approximately 5.3km north of County Road 508 (Calabogie Road):
  - This design assignment was already approved for award in 2024 and will stretch through much of 2025.
- e. County Structure B145 (Combermere Bridge), on County Road 62 (Combermere Road), approximately 0.5km south of County Road 515 (Palmer Road):
  - Substantial bridge project, requiring a large amount of steel works, early tendering and award would allow for sufficient lead times on material supply ahead of construction and could provide more favourable costs.



- f. County Structure B188 (Turcotte Bridge), on Code Road, approximately 2.2km northeast of Micksburg Road:
  - Structure is anticipated to require full replacement; early Request for Proposal development and award of design will help ensure design and cost estimates are completed in time for 2026 budget development.
- g. County Structure C201 (Broomes Creek Culvert), on County Road 7 (Foresters Falls Road), approximately 0.1km east of the hamlet of Foresters Falls:
  - Substantial project, complex in nature, requiring a long lead time for tendering and early commencement for construction.

**DELEGATED AUTHORITY APPROVALS**

- 2. The following item was approved under By-law 98-24, Delegated Authority By-law and corresponding memorandum for the approval is included for reference:

BY-LAW/ RESOLUTION	DATE	DESCRIPTION	DELEGATED AUTHORITY BY-LAW REFERENCE
137-24 D OP-C-24-09-101 D	Sept. 26, 2024	PWC-2024-17 - Supply/Delivery & Placement of Granulars - Algonquin Trail - Wylie Rd to Ashport Rd - McCrea Excavating Ltd. - \$549,850 plus applicable taxes (memo attached)	2.1 - Tender award contained within approved budget

**RESOLUTIONS**

**3. Recreational Trail Development**

**Recommendation:** THAT the Operations Committee recommends that County Council incorporate the development of Recreational Trails into the Capital Asset Management Plan going forward; AND THAT the annual Capital Budget be developed based on an approved Asset Management Plan for Recreational Trails.

**Background**

At the February 1, 2024, meeting of the Recreational Trails Advisory Committee staff identified that due to substantially higher supply and construction costs over the past two years (and going forward), as well as unforeseen significant works required on bridges along the trail, the funds remaining under the 'Accelerated Work Plan' allocation were no longer anticipated to be adequate to complete the Algonquin Trail in its entirety to the northwestern border of the County of Renfrew. As directed at that meeting, staff have prepared estimates and funding opportunities for the completion of the trail.

By the end of the 2024 construction season, the Algonquin Trail is anticipated to be completed, with a stone dust surface, from Arnprior (eastern border of the County) to Deep River (at Wylie Road). This equates to approximately an additional 16.6km of open, stone dusted, trail from what was available at end of 2023. Additionally, the 24.1km long section of the Algonquin Trail from Wylie Road, near the Town of Deep River, to Ashport Road, in the Township of Head, Clara and Maria will have a Granular 'A' surface and the 12.4km section from Ashport Road to Yates Road will have a stone dust surface. Stone dust was left out of the contract to develop the Algonquin Trail from Wylie Road to Ashport Road as environmental constraints limited construction time to after October 5 of each year and the application of stone dust has a significant cost, even with flexible timelines, where the timeline would be tight to include on the current contract. Given the significant cost of stone dust in these northern areas, approximately \$12,000/km, staff will review the gravel surface after completion and provide recommendations on how to proceed with the surface of this section in 2025.

With the above works completed in 2024, approximately 16.3km of the Algonquin Trail will remain to be developed from Yates Road to Crossing Road, near the Bissett Creek/Highway 17 overpass. It is estimated that the funds remaining in the 'Accelerated Work Plan' allocation and those budgeted for the Active Transportation Fund (ATF) grant will be adequate to reach this location; however, without stone dust surface in some areas and little remaining funds for further development. Substantial works will be required at the Bissett Creek/Highway 17 overpass in order to continue the Algonquin Trail past this point as the existing bridge/overpass is in poor condition and is not adequate for trail use in its current condition. Staff are considering two options for the Bissett Creek/Highway 17 overpass as presented below and illustrated in the attached aerial map:

- a. Removal of existing superstructure and piers, rehabilitation of existing abutments, and placement of modular bridge superstructure.
- b. Removal of the existing superstructure and piers, abandonment of existing abutments, purchasing additional property, and rerouting of the trail to a level crossing on Highway 17.

Regardless of the option proceeded with, it is estimated that the cost of these works will be in excess of \$2,000,000. Once the overpass is addressed, approximately 30.8km of the Algonquin Trail remains to be developed and an additional nine structures require various rehabilitation in order to meet the County of Renfrew border with the Township of Papineau-Cameron. It is estimated that, including the Bissett Creek/Highway 17 overpass, to the County of Renfrew border would cost approximately \$7,276,800. However, there is potential for cost savings.

The County received substantial Granular 'M' material from the Ministry of Transportation, which was placed in two stockpiles – one near Chalk River which will

soon be completely depleted as part of the development from Wylie to Ashport; and one in Deux-Rivières, near the northern border of the County of Renfrew which is estimated to be 35,000 tonnes in size. It is estimated that 35,000 tonnes of Granular 'M' material could adequately develop approximately 29km of the Algonquin Trail. The cost estimate for trail sections from Bissett Creek to the County of Renfrew border is approximately \$3,726,800. This is based on importing new material and could be up to 40% less if stockpiled materials were used. The estimates also include the application of stone dust; which, if omitted, could realize substantial savings on these trail sections as well – up to \$370,000. Additionally, there is a strong possibility that the Algonquin Trail will be incorporated into the Trans-Canada Trail network, which makes other grants and funding streams available.

Staff has drafted the attached 10-Year Capital Asset Management Plan for the County's current Recreational Trails for review and consideration as one of the alternatives for further development of the Algonquin Trail and maintaining the already developed Recreational Trails. Omitted from the Draft Plan is any new Recreational Trails which the County of Renfrew may attain – such as the approximately 40km of former CN Rail Line being negotiated for transfer from the Townships of Laurentian Valley and Whitewater Region, or the additional 6.3km of K & P Recreational Trail being negotiated for purchase from the Mississippi Valley Conservation Authority. Additionally, should development of the Algonquin Trail continue, there is a high likelihood that the Township of Papineau-Cameron may wish to transfer the additional approximately 20km located in their Municipality to the County of Renfrew to develop the connection of the overall Ottawa Valley Recreational Trail from Smiths Falls to Mattawa.

In all, staff have developed a number of alternatives for Recreational Trail development for consideration by County Council as presented below:

- a. Approve the draft Recreational Trails Asset Management Plan as presented, which includes continued development of the Algonquin Trail, and develop annual budgets for Capital Projects on Recreational Trails based on this Asset Management Plan, incorporating any future additional Recreational Trail segments into the Asset Management Plan when transfer occurs.
- b. Complete development of the Algonquin Trail to the Bissett Creek/Highway 17 overpass, have design completed for the overpass, prepare grant applications when available for addressing the overpass as well as other structures requiring works, and install signage for use of rail ballast as-is where-is condition.
- c. Complete development of the Algonquin Trail to the Bissett Creek/Highway 17 overpass and keep remaining trail sections closed until funding becomes available for further development.

The above information was presented to the Recreational Trails Advisory Committee on October 8, 2024.

#### 4. **Infrastructure Expansion Process**

**Recommendation:** THAT the Operations Committee recommends that County Council table discussion on Development Charges, and continue to utilize Corporate Policy GA-14, Infrastructure Expansion, and the Growth Reserve resolution approved by County Council on May 16, 2024, to address growth related infrastructure pressures.

##### **Background**

The Development Fees Study has been completed by Watson and Associates. However, since its development, Council has also approved Corporate Policy GA-14, Infrastructure Expansion, as well as a resolution that was adopted at the May 16, 2024 Special County Council meeting to create a Growth Reserve as follows:

"THAT County Council approve the creation of the Growth Reserve; AND THAT contributions to the Growth Reserve equal to the weighted Current Value Assessment (CVA) growth revenue for the 2025 year be included in the draft 2025 budget."

Together, these two solutions aim to address the expansion of the County's transportation infrastructure. The Development Fees Study shall remain on file should there be a desire to revisit the potential for Development Charges in the future.

Staff have further developed a list of projects for the expansion of County infrastructure, which would require consideration of Policy GA-14 and the Growth Reserve resolution. The infrastructure expansion projects shall be reviewed annually as part of the Asset Management planning process and be taken into consideration when corresponding assets are planned for works.

#### **BY-LAWS**

#### 5. **By-law to Govern Use of County of Renfrew Recreational Trails**

**Recommendation:** THAT the Operations Committee recommends that County Council adopt a By-law to govern the use of the County of Renfrew Recreational Trails; AND THAT By-law 81-24 be hereby repealed.

##### **Background**

By-law 81-24, being a By-law to regulate and govern the use of the lands identified as County of Renfrew recreational trails as linear parks, was adopted on May 29, 2024. Staff have been in consultation with the Ministry of the Attorney General with regards to having these fines implemented and have received some feedback with regards to additional wording that is required under Section 3 in order to implement the fee structure. A bold and strike-out version is attached with the changes.

6. **Speed Limit By-law – County Road 512 (Foymount Road)**

**Recommendation:** THAT the Operations Committee recommends that County Council adopt a By-law to authorize speed limits; AND THAT By-law 8-24 be hereby repealed.

**Background**

The posted speed limit on County Road 512 (Foymount Road), from civic address 3467 Foymount Road to Lake Clear Road, was reduced to 60km/h prior to reconstruction of the roadway due to the poor condition of this section of road. Reconstruction of this road section is now complete and the posted speed limit can be increased back to 80km/h.

2025 CAPITAL PROGRAM - ROADS/BRIDGES					
Road #	Location	From	To	Length (km)	2025 BUDGET
<b>Road Reconstruction/Rehabilitation</b>					
<b>Note: Limits and Length of projects are approximate and subject to revision based on final design and budgets</b>					
2	Daniel St. N <i>Arnprior</i>	CR 1 (Madawaska St.)	CR 10 (Baskin Dr. W.)	1.70	1,462,429
3	Usborne St. <i>McNab/Braeside</i>	CR 1 (River Rd.)	Braeside Urban Limits	0.34	793,327
4	Storyland Rd. <i>Horton</i>	Eady Rd.	Alex Lane	2.69	1,801,209
20	Castleford Rd. <i>Horton</i>	Highway 17	Eady Rd.	3.33	1,733,122
26	Doran Rd. <i>Petawawa</i>	Black Bay Rd.	CR 51 (Petawawa Blvd.)	3.02	1,266,040
36	TV Tower Rd. <i>Laurentian Valley</i>	CR 35 (Jean Ave.)	CR 42 (Forest Lea Rd.)	2.43	2,197,221
51	Pembroke St. W. <i>Laurentian Valley</i>	Pembroke City Limits	CR 42 (Forest Lea Rd.)	0.90	628,959
52	Burnstown Rd. <i>McNab/Braeside</i>	Waba Creek Bridge	Picket Hill Ln. S. junction	7.79	2,745,068
64	Opeongo Road <i>Bonnechere Valley</i>	CR 512 (Foymount Rd.)	Wieland Shore Rd.	10.95	3,677,520
69	Siberia Rd. <i>Madawaska Valley</i>	River Rd.	Sunny Hill Rd.	4.36	1,714,180
70	Ruby Road <i>Bonnechere Valley</i>	Gorman Rd.	Wolfe Rd.	3.20	1,007,836
71	Matawatchan Rd. <i>Greater Madawaska</i>	CA 4882 Matawatchan Rd.	CR 65 (Centennial Lake Rd.)	3.19	1,637,199
508	Calabogie Road <i>McNab/Braeside</i>	Riopelle Rd.	CR 52 (Burnstown Rd.)	1.38	698,280
512	Foymount Road <i>Bonnechere Valley</i>	CR 515 (Quadeville Rd.)	McCauley Mountain Rd.	4.27	1,957,720
512	Foymount Road <i>Bonnechere Valley</i>	Silver Lake Rd.	Highway 41	7.65	2,816,110
	Scratch Coat Paving	Various Locations			750,000
<b>ROAD RECONSTRUCTION/REHABILITATION TOTALS</b>				<b>57.20</b>	<b>26,886,220</b>
<b>Bridge/Culvert Reconstruction/Rehabilitation</b>					
ID	Structure Name	Location		2025 BUDGET	
B122	Waba Creek Bridge	McNab/Braeside (CR52 Burnstown Road)		405,000	
B145	Combermere Bridge	Madawaska Valley (CR62 Combermere Road)		2,500,000	
C014	Labombard Culvert	Admaston/Bromley (Chris Ruddy Road)		250,000	
C134	Campbell Drive Culvert	McNab/Braeside (Campbell Drive)		60,000	
C136	Robertson Twin Pipes	McNab/Braeside (Robertson Line)		300,000	
C201	Broomes Creek Culvert	Whitewater Region (CR7 Foresters Falls Road)		5,500,000	
C325	Neilson Creek Culvert	Bonnechere Valley (Lake Clear Road)		250,000	
C330	McLeads Culvert	McNab/Braeside (CR52 Burnstown Road)		200,000	
	General Bridge Repairs	Various Locations		150,000	
<b>BRIDGE/CULVERT RECONSTRUCTION/REHABILITATION TOTALS</b>				<b>9,615,000</b>	
<b>Roads/Bridge/Culvert Future Engineering</b>					
ID	Name	Location		2025 BUDGET	
B031	Madawaska River Bridge	Greater Madawaska (CR511 Lanark Road)		156,000	
B032	Calabogie Bridge	Greater Madawaska (CR511 Lanark Road)		78,000	
B053	Constant Creek Bridge	Greater Madawaska (Ferguson Lake Road)		80,000	
B091	Danny Constant Bridge	Bonnechere Valley (Constant Lake Road)		60,000	
B121	Waba Creek Bridge	McNab/Braeside (CR2 White Lake Road)		85,000	
B188	Turcotte Bridge	Laurentian Valley (Code Road)		38,500	
C024	Cliché Culvert	Laurentian Valley (Sandy Beach Road)		18,000	
C146	McPhee Road Culvert	Madawaska Valley (McPhees Bay Road)		18,000	
C149	Olsheskie Creek Culvert	Madawaska Valley (Stan Olsheskie Road)		18,000	
C170	Hurds Creek Culverts	Bonnechere Valley (Wittkie Road)		18,000	
C187	Mud Creek Culvert	Laurentian Valley (Stafford Second Line)		18,000	
C218	Mill Creek Pipes	Whitewater Region (Zion Line)		18,000	
C220	Pleasant Valley Culvert	Whitewater Region (Pleasant Valley Road)		18,000	
C229	Burnt Bridge	North Algona/Wilberforce (Burn Bridge Road)		18,000	
C246	Culhane Culvert	Admaston/Bromley (Culhane Road)		18,000	
C265	Peter Black Culvert	Laurentian Valley (CR 24 White Water Road)		18,000	
<b>FUTURE ENGINEERING TOTALS</b>				<b>677,500</b>	
Traffic Signals - Upgrades		Various Locations		100,000	
<b>SAFETY DEVICES TOTALS</b>				<b>100,000</b>	
<b>2025 CAPITAL PROGRAM TOTAL:</b>				<b>37,278,720</b>	

**COUNTY OF RENFREW**

**BY-LAW NUMBER 137-24 D**

**A BY-LAW FOR THE EXECUTION OF CONTRACT PWC-2024-17  
SUPPLY, DELIVERY, AND PLACEMENT OF GRANULARS – ALGONQUIN TRAIL**

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WHEREAS under Section 11 of the *Municipal Act, 2001, S.O. 2001, c.25*, as amended, the Municipal Corporation of the County of Renfrew has the authority to pass by-laws to enter into contracts to construct and maintain county roads, bridges, and transportation systems other than highways;

AND WHEREAS public tenders were requested under Contract PWC-2024-17 for the supply, delivery and placement of granulars on the Algonquin Trail from Wylie Road (Town of Laurentian Hills) to Ashport Road (Township of Head, Clara and Maria), a distance of 24.1km in the amount of \$549,850, plus applicable taxes, in accordance with County of Renfrew Corporate Policy GA-01, Procurement of Goods and Services;

AND WHEREAS the Warden and Chief Administrative Officer, under Delegated Authority By-law 98-24, (Section 2 – Agreements - Contracts, Subsection 2.1) have reviewed and accepted the tenders submitted by McCrea Excavating Ltd., Pembroke, Ontario.

NOW THEREFORE, the County of Renfrew hereby enacts:

1. THAT Contract PWC-2024-17 for the supply, delivery and placement of granulars on the Algonquin Trail from Wylie Road (Town of Laurentian Hills) to Ashport Road (Township of Head, Clara and Maria), a distance of 24.1km in the amount of \$549,850, plus applicable taxes, as submitted by McCrea Excavating Ltd., Pembroke, Ontario, be awarded.
2. THAT the Warden and Clerk be empowered to do and execute all things, papers and documents necessary to the execution of the said contract.
3. THAT this By-law shall come into force and take effect on September 26, 2024.

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PETER EMON, WARDEN

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GWEN DOMBROSKI, CLERK

## **MEMORANDUM**

**TO:** Craig Kelley, CMO, Dipl.M.A., Dipl.M.M., Ec.D., CAO/Deputy Clerk  
Gwen Dombroski, Dipl.M.A., Dipl.M.M., Manager of Legislative Services/Clerk

**CC:** Lee Perkins, C.E.T., MBA, Director of Public Works & Engineering  
Anthony Hobbs, Trails Coordinator  
Evelyn VanStarkenbug, Administrative Assistant III

**FROM:** Taylor Hanrath, P.Eng., Manager of Capital Works

**DATE:** September 26, 2024

**SUBJECT:** **Contract Award by Delegated Authority – PWC-2024-17 – Pick-Up, Supply, Delivery, and Placement of Granulars Algonquin Trail**

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### **BACKGROUND**

The County of Renfrew Department of Public Works & Engineering issued a Request for Tenders for the Supply, Pick Up, Delivery and Placement of Granular on the Algonquin Trail, from Wylie Road (Laurentian Hills) to Ashport Road (Head, Clara & Maria) a distance of 24.1 km. Tenders were received until 2:00 p.m., September 24, 2024; and the results are as follows:

1. McCrea Excavating Ltd., Pembroke, ON	\$549,850.00
2. G.P. Splinter Forest Products Ltd., Pembroke, ON	573,055.00
3. Bonnechere Excavating Inc., Renfrew, ON	689,193.31
4. 902474 Ontario Ltd., Pembroke, ON	788,900.00
5. Henderson Construction, Port Hope, ON	799,470.00

All amounts exclude applicable taxes

Procurement of the services included in this Request for Tenders followed the requirements set out in Policy GA-01 – Procurement of Goods and Services.

In accordance with By-law 98-24, a By-law to Delegate Authority to Provide Certain Delegations of Authority from County Council to the Warden, Clerk and CAO for the Administration of the Corporation of the County of Renfrew, Schedule A, Item 2.1, the signing authority for Agreements under By-law is delegated to the Warden, Clerk, CAO contingent on the appointment/contract awards being approved within funding allocations and that there is no irregularities associated with the procurement process. Staff have reviewed the tender submissions and found no irregularities. Additionally, per below, the projected costs with the lowest tender submission are within approved funding allocations. Approval through delegated authority is requested in order to expedite the award timeline and allow construction to commence in early October.

If award is approved, report of the use of Delegated authority will occur in meetings of Recreational Trails Advisory Committee, Operations Committee, and County Council scheduled in October 2024.

### **FINANCIAL IMPLICATIONS**

The lowest bid cost is \$549,850.00, plus HST. As contained in the February 1, 2024 Trails Advisory Committee Report, the 2024 Capital Budget allocation for Algonquin Trail Development is \$3,829,538. This RFT is for a portion of the work included in the Active Transportation Funding Grant of \$2,261,538 (60% Funded).



Staff have reviewed the budget balance based on the aggregate of works to be completed in 2024 and confirm that there are sufficient funds in the 2024 Capital Budget for Algonquin Trail Development to complete the project as tendered. A spreadsheet comparing the budget and projected costs of all works in 2024 is attached.

**RECOMMENDATION**

THAT Contract PWC-2024-17, as submitted by McCrea Excavating Limited for the Pick-Up, Supply, Delivery, and Placement of Granulars on the Algonquin Trail from Wylie Road (Laurentian Hills) to Ashport Road (Head, Clara & Maria), a distance of 24.1 km in the Township of Laurentian Hills & Head, Clara & Maria, in the amount of \$549,850.00, plus HST, be approved; AND THAT a By-law be adopted to execute the Contract.

Recommended by:

\_\_\_\_\_  
Anthony Hobbs  
Trails Coordinator

Endorsed by:

\_\_\_\_\_  
Taylor Hanrath, P.Eng.  
Manager of Capital Works

Approved by:

\_\_\_\_\_  
Gwen Dombroski, Dipl.M.A., Dipl.M.M.  
Manager of Legislative Services/Clerk

Approved by:

\_\_\_\_\_  
Craig Kelley, CMO, Dipl.M.A., Dipl.M.M., Ec.D.,  
CAO/Deputy Clerk

Area	Budgetted Area	2024 Budget	Projected	Balance
KP	K & P Trail Development/Maintenance (\$3.75k RED)	\$26,960.00	\$27,025.00	-\$65.00
ATM	Algonquin Trail Maintenance	\$200,000.00	\$186,125.00	\$13,875.00
ATA	Wylie Road to Bissett Creek (1.47M ATF)	\$2,450,000.00	\$1,313,528.60	\$1,136,471.40
ATG	Garrison (0.2M ICIP and Accelerated Work Plan funds)	\$1,179,538.00	\$815,015.00	\$364,523.00

\*\*Budget is c  
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2024 Trails Budget Tracking							
Area	Item	Contract	Status	Estimate	Projected	Notes	Length
ATA	Brushing - Yates to Bissett	Rental	Complete	\$49,000.00	\$82,125.50		16.3
ATA	Wylie to Ashport - Main Aggregate Build	PWC-2024-17	Processing Award	\$645,000.00	\$550,000.00	Lowest price of \$549,850 submitted. This would use up the Chalk River Stockpile and require additional GA material to complete.	24.1
ATA	Wylie to Ashport - Stone Dust		2025 Works?	\$480,000.00		Reviewing options, if stone dust needed then may be cost effective to buy stockpile and place with own forces.	24.1
ATA	Ashport to Yates	PWC-2024-18	Complete	\$610,000.00	\$470,000.00	Awarded by delegated authority for \$466,735	12.4
ATA	Yates to Crossing Roads (near Bissett Creek)		2025 Works	\$652,000.00		Not proceeding in 2024. Restricted by turtle nesting. Assumes using GM from a north border.	16.3
ATA	Mowing / Cleanup from Wylie Road northward		Complete	\$30,000.00	\$30,000.00	Complete but final payment not out yet	38.8
ATA	Day Labour Crew Washout Repairs, Culverts & Ditching		Complete	\$60,000.00	\$48,488.11		
ATA	Grants Creek Railings - Internal Design & Construction		2025 Works	\$40,000.00		Design still needed, mostly likely a 2025 install	
ATA	Turnarounds - Day Labour Construction		Complete	\$120,000.00	\$85,000.00	Separate POs with Do-All (delivered) and Clouthier (Supply Only)	
ATA	Algonquin Consultation		Complete	\$47,914.99	\$47,914.99	Complete but final payment not out yet	
ATA	Access Control Gates - Wylie to Bissett Creek		2025 Works	\$60,000.00			
ATG	3 Bridges in Garrison Construction	PWC-2024-11	Complete	\$390,000.00	\$400,000.00	Complete but final payment not out yet	
ATG	3 Bridges in Garrison CA	PWC-2023-13	Complete	\$64,000.00	\$55,000.00	Complete but final payment not out yet	
ATG	Access Control Gates - Garrison	PWC-2024-37	Underway	\$25,000.00	\$21,375.00	To be awarded	
ATG	Aggregate Supply in Garrison & Pembroke	PWC-2024-44	Underway	\$361,000.00	\$333,440.00	Awarded by delegated authority. Part in Pembroke could technically fall under maintenance	
ATG	Removable Bollards		Awarded	\$8,000.00	\$5,200.00	Some being used in ATG, some being installed in select locations on open trail, few for inventory.	
ATM	Signage, Gates, Locks, Keys Access Control Gates - Existing	PWC-2024-37	Underway	\$12,000.00	\$26,125.00		
ATM	General Structure Repairs			\$20,000.00	\$10,000.00		
ATM	Grading/Surface Repairs			\$20,000.00	\$28,000.00		
ATM	Trail Head Construction			\$6,500.00	\$6,500.00		
ATM	Ditching			\$5,000.00	\$5,000.00		
ATM	Vegetation Management / Tree Planting			\$17,000.00	\$26,000.00		
ATM	Animal Control			\$2,000.00	\$2,000.00		
ATM	Weed Control			\$5,000.00	\$5,000.00		

Area	Item	Contract	Status	Estimate	Projected	Notes	Length
ATM	Culverts / Washout Repairs			\$1,000.00	\$1,000.00		
ATM	Dust Suppression			\$40,000.00	\$25,000.00		
ATM	Fencing			\$20,000.00	\$0.00		
ATM	Legal & Taxes			\$21,000.00	\$21,000.00		
ATM	Enforcement			\$10,500.00	\$10,500.00		
ATM	Realignments / Intersections			\$20,000.00	\$20,000.00		
KP	Aggregate Supply/Supply & Delivery for Trail Top-up	PWC-2024-51	Awarded	\$10,285.00	\$10,500.00	RED Funded Grade Raise	
KP	Roller rental			\$500.00	\$500.00	RED Funded Grade Raise	
KP	Culverts			\$740.00	\$740.00	RED Funded Grade Raise	
KP	Grader/Fuel			\$2,000.00	\$2,000.00	RED Funded Grade Raise	
KP	Works by Admaston/Bromley			\$1,475.00	\$1,475.00	RED Funded Grade Raise	
KP	Grading/Surface Repairs			\$1,000.00	\$500.00		
KP	Vegetation Management			\$3,750.00	\$3,500.00		
KP	Animal Control			\$2,000.00	\$1,000.00		
KP	Weed Control			\$1,000.00	\$500.00		
KP	Culverts / Washout Repairs			\$500.00	\$500.00		
KP	Dust Suppression			\$1,500.00	\$3,600.00		
KP	Signage, Gates, Locks, Keys			\$2,210.00	\$2,210.00		

**COUNTY OF RENFREW**

**BY-LAW NUMBER 137-24 D**

**A BY-LAW FOR THE EXECUTION OF CONTRACT PWC-2024-17  
SUPPLY, DELIVERY, AND PLACEMENT OF GRANULARS– ALGONQUIN TRAIL**

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WHEREAS under Section 11 of the *Municipal Act, 2001, S.O. 2001, c.25*, as amended, the Municipal Corporation of the County of Renfrew has the authority to pass by-laws to enter into contracts to construct and maintain county roads, bridges, and transportation systems other than highways;

AND WHEREAS public tenders were requested under Contract PWC-2024-17 for the supply, delivery and placement of granulars on the Algonquin Trail from Wylie Road (Town of Laurentian Hills) to Ashport Road (Township of Head, Clara and Maria), a distance of 24.1km in the amount of \$549,850, plus applicable taxes, in accordance with County of Renfrew Corporate Policy GA-01, Procurement of Goods and Services;

AND WHEREAS the Warden and Chief Administrative Officer, under Delegated Authority By-law 98-24, (Section 2 – Agreements - Contracts, Subsection 2.1) have reviewed and accepted the tenders submitted by McCrea Excavating Ltd., Pembroke, Ontario.

NOW THEREFORE, the County of Renfrew hereby enacts:

1. THAT Contract PWC-2024-17 for the supply, delivery and placement of granulars on the Algonquin Trail from Wylie Road (Town of Laurentian Hills) to Ashport Road (Township of Head, Clara and Maria), a distance of 24.1km in the amount of \$549,850, plus applicable taxes, as submitted by McCrea Excavating Ltd., Pembroke, Ontario, be awarded.
2. THAT the Warden and Clerk be empowered to do and execute all things, papers and documents necessary to the execution of the said contract.
3. THAT this By-law shall come into force and take effect on September 26, 2024.

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PETER EMON, WARDEN

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GWEN DOMBROSKI, CLERK

## **MEMORANDUM**

**TO:** Craig Kelley, CMO, Dipl.M.A., Dipl.M.M., Ec.D., CAO/Deputy Clerk  
Gwen Dombroski, Dipl.M.A., Dipl.M.M., Manager of Legislative Services/Clerk

**CC:** Lee Perkins, C.E.T., MBA, Director of Public Works & Engineering  
Anthony Hobbs, Trails Coordinator  
Evelyn VanStarkenbug, Administrative Assistant III

**FROM:** Taylor Hanrath, P.Eng., Manager of Capital Works

**DATE:** September 26, 2024

**SUBJECT:** **Contract Award by Delegated Authority – PWC-2024-17 – Pick-Up, Supply, Delivery, and Placement of Granulars Algonquin Trail**

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### **BACKGROUND**

The County of Renfrew Department of Public Works & Engineering issued a Request for Tenders for the Supply, Pick Up, Delivery and Placement of Granular on the Algonquin Trail, from Wylie Road (Laurentian Hills) to Ashport Road (Head, Clara & Maria) a distance of 24.1 km. Tenders were received until 2:00 p.m., September 24, 2024; and the results are as follows:

1. McCrea Excavating Ltd., Pembroke, ON	\$549,850.00
2. G.P. Splinter Forest Products Ltd., Pembroke, ON	573,055.00
3. Bonnechere Excavating Inc., Renfrew, ON	689,193.31
4. 902474 Ontario Ltd., Pembroke, ON	788,900.00
5. Henderson Construction, Port Hope, ON	799,470.00

All amounts exclude applicable taxes

Procurement of the services included in this Request for Tenders followed the requirements set out in Policy GA-01 – Procurement of Goods and Services.

In accordance with By-law 98-24, a By-law to Delegate Authority to Provide Certain Delegations of Authority from County Council to the Warden, Clerk and CAO for the Administration of the Corporation of the County of Renfrew, Schedule A, Item 2.1, the signing authority for Agreements under By-law is delegated to the Warden, Clerk, CAO contingent on the appointment/contract awards being approved within funding allocations and that there is no irregularities associated with the procurement process. Staff have reviewed the tender submissions and found no irregularities. Additionally, per below, the projected costs with the lowest tender submission are within approved funding allocations. Approval through delegated authority is requested in order to expedite the award timeline and allow construction to commence in early October.

If award is approved, report of the use of Delegated authority will occur in meetings of Recreational Trails Advisory Committee, Operations Committee, and County Council scheduled in October 2024.

### **FINANCIAL IMPLICATIONS**

The lowest bid cost is \$549,850.00, plus HST. As contained in the February 1, 2024 Trails Advisory Committee Report, the 2024 Capital Budget allocation for Algonquin Trail Development is \$3,829,538. This RFT is for a portion of the work included in the Active Transportation Funding Grant of \$2,261,538 (60% Funded).

Staff have reviewed the budget balance based on the aggregate of works to be completed in 2024 and confirm that there are sufficient funds in the 2024 Capital Budget for Algonquin Trail Development to complete the project as tendered. A spreadsheet comparing the budget and projected costs of all works in 2024 is attached.

**RECOMMENDATION**

THAT Contract PWC-2024-17, as submitted by McCrea Excavating Limited for the Pick-Up, Supply, Delivery, and Placement of Granulars on the Algonquin Trail from Wylie Road (Laurentian Hills) to Ashport Road (Head, Clara & Maria), a distance of 24.1 km in the Township of Laurentian Hills & Head, Clara & Maria, in the amount of \$549,850.00, plus HST, be approved; AND THAT a By-law be adopted to execute the Contract.

Recommended by:

\_\_\_\_\_  
Anthony Hobbs  
Trails Coordinator

Endorsed by:

\_\_\_\_\_  
Taylor Hanrath, P.Eng.  
Manager of Capital Works

Approved by:

\_\_\_\_\_  
Gwen Dombroski, Dipl.M.A., Dipl.M.M.  
Manager of Legislative Services/Clerk

Approved by:

\_\_\_\_\_  
Craig Kelley, CMO, Dipl.M.A., Dipl.M.M., Ec.D.,  
CAO/Deputy Clerk

Area	Budgetted Area	2024 Budget	Projected	Balance
KP	K & P Trail Development/Maintenance (\$3.75k RED)	\$26,960.00	\$27,025.00	-\$65.00
ATM	Algonquin Trail Maintenance	\$200,000.00	\$186,125.00	\$13,875.00
ATA	Wylie Road to Bissett Creek (1.47M ATF)	\$2,450,000.00	\$1,313,528.60	\$1,136,471.40
ATG	Garrison (0.2M ICIP and Accelerated Work Plan funds)	\$1,179,538.00	\$815,015.00	\$364,523.00

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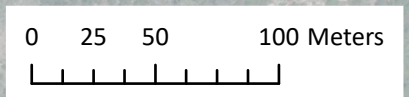
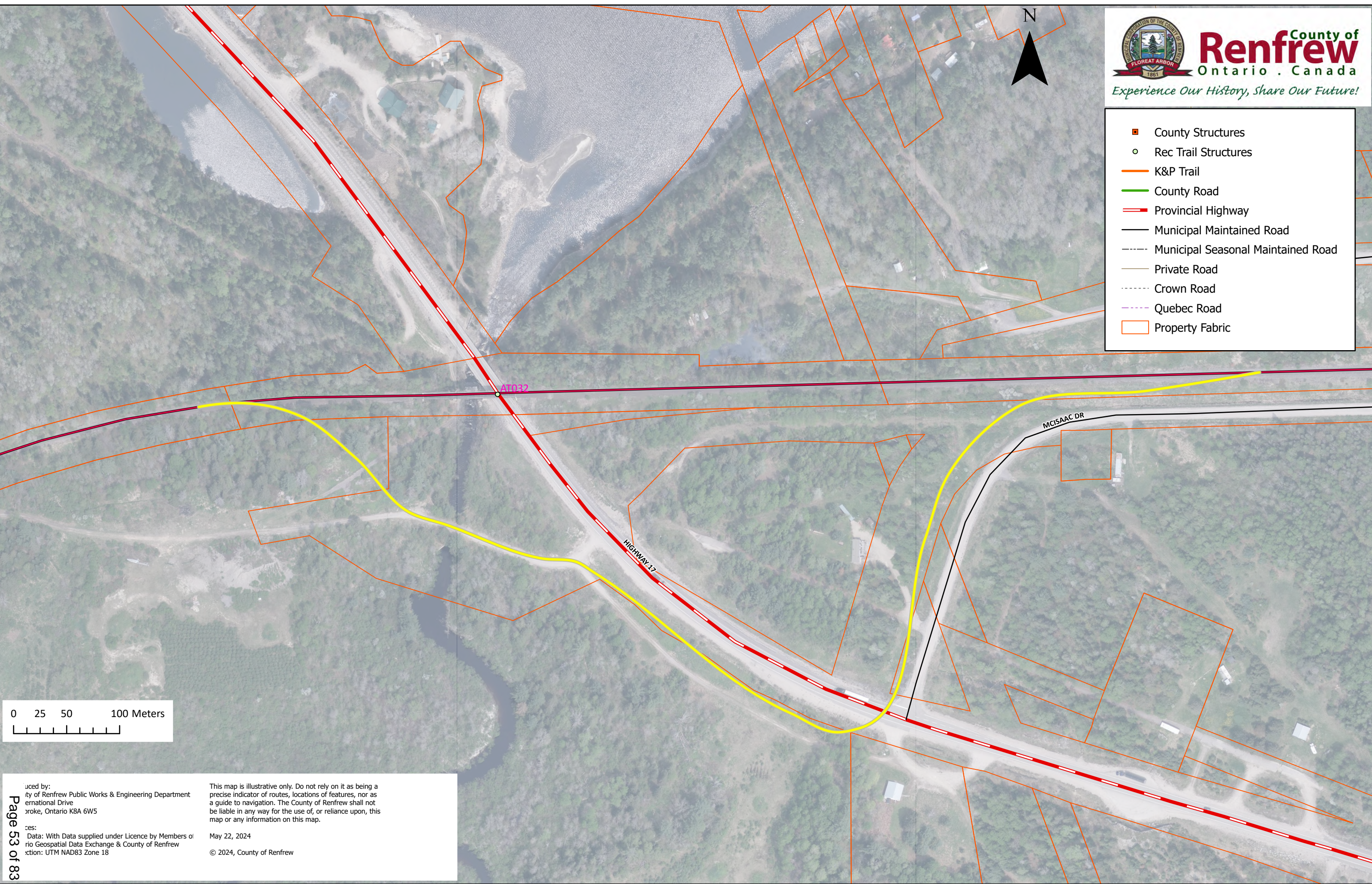
2024 Trails Budget Tracking							
Area	Item	Contract	Status	Estimate	Projected	Notes	Length
ATA	Brushing - Yates to Bissett	Rental	Complete	\$49,000.00	\$82,125.50		16.3
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ATA	Wylie to Ashport - Stone Dust		2025 Works?	\$480,000.00		Reviewing options, if stone dust needed then may be cost effective to buy stockpile and place with own forces.	24.1
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ATA	Yates to Crossing Roads (near Bissett Creek)		2025 Works	\$652,000.00		Not proceeding in 2024. Restricted by turtle nesting. Assumes using GM from a north border.	16.3
ATA	Mowing / Cleanup from Wylie Road northward		Complete	\$30,000.00	\$30,000.00	Complete but final payment not out yet	38.8
ATA	Day Labour Crew Washout Repairs, Culverts & Ditching		Complete	\$60,000.00	\$48,488.11		
ATA	Grants Creek Railings - Internal Design & Construction		2025 Works	\$40,000.00		Design still needed, mostly likely a 2025 install	
ATA	Turnarounds - Day Labour Construction		Complete	\$120,000.00	\$85,000.00	Separate POs with Do-All (delivered) and Clouthier (Supply Only)	
ATA	Algonquin Consultation		Complete	\$47,914.99	\$47,914.99	Complete but final payment not out yet	
ATA	Access Control Gates - Wylie to Bissett Creek		2025 Works	\$60,000.00			
ATG	3 Bridges in Garrison Construction	PWC-2024-11	Complete	\$390,000.00	\$400,000.00	Complete but final payment not out yet	
ATG	3 Bridges in Garrison CA	PWC-2023-13	Complete	\$64,000.00	\$55,000.00	Complete but final payment not out yet	
ATG	Access Control Gates - Garrison	PWC-2024-37	Underway	\$25,000.00	\$21,375.00	To be awarded	
ATG	Aggregate Supply in Garrison & Pembroke	PWC-2024-44	Underway	\$361,000.00	\$333,440.00	Awarded by delegated authority. Part in Pembroke could technically fall under maintenance	
ATG	Removable Bollards		Awarded	\$8,000.00	\$5,200.00	Some being used in ATG, some being installed in select locations on open trail, few for inventory.	
ATM	Signage, Gates, Locks, Keys Access Control Gates - Existing	PWC-2024-37	Underway	\$12,000.00	\$26,125.00		
ATM	General Structure Repairs			\$20,000.00	\$10,000.00		
ATM	Grading/Surface Repairs			\$20,000.00	\$28,000.00		
ATM	Trail Head Construction			\$6,500.00	\$6,500.00		
ATM	Ditching			\$5,000.00	\$5,000.00		
ATM	Vegetation Management / Tree Planting			\$17,000.00	\$26,000.00		
ATM	Animal Control			\$2,000.00	\$2,000.00		
ATM	Weed Control			\$5,000.00	\$5,000.00		

Area	Item	Contract	Status	Estimate	Projected	Notes	Length
ATM	Culverts / Washout Repairs			\$1,000.00	\$1,000.00		
ATM	Dust Suppression			\$40,000.00	\$25,000.00		
ATM	Fencing			\$20,000.00	\$0.00		
ATM	Legal & Taxes			\$21,000.00	\$21,000.00		
ATM	Enforcement			\$10,500.00	\$10,500.00		
ATM	Realignments / Intersections			\$20,000.00	\$20,000.00		
KP	Aggregate Supply/Supply & Delivery for Trail Top-up	PWC-2024-51	Awarded	\$10,285.00	\$10,500.00	RED Funded Grade Raise	
KP	Roller rental			\$500.00	\$500.00	RED Funded Grade Raise	
KP	Culverts			\$740.00	\$740.00	RED Funded Grade Raise	
KP	Grader/Fuel			\$2,000.00	\$2,000.00	RED Funded Grade Raise	
KP	Works by Admaston/Bromley			\$1,475.00	\$1,475.00	RED Funded Grade Raise	
KP	Grading/Surface Repairs			\$1,000.00	\$500.00		
KP	Vegetation Management			\$3,750.00	\$3,500.00		
KP	Animal Control			\$2,000.00	\$1,000.00		
KP	Weed Control			\$1,000.00	\$500.00		
KP	Culverts / Washout Repairs			\$500.00	\$500.00		
KP	Dust Suppression			\$1,500.00	\$3,600.00		
KP	Signage, Gates, Locks, Keys			\$2,210.00	\$2,210.00		





- County Structures
- Rec Trail Structures
- K&P Trail
- County Road
- Provincial Highway
- Municipal Maintained Road
- Municipal Seasonal Maintained Road
- Private Road
- Crown Road
- Quebec Road
- Property Fabric



Prepared by:  
 County of Renfrew Public Works & Engineering Department  
 100 Commercial Drive  
 Renfrew, Ontario K8A 6W5

This map is illustrative only. Do not rely on it as being a precise indicator of routes, locations of features, nor as a guide to navigation. The County of Renfrew shall not be liable in any way for the use of, or reliance upon, this map or any information on this map.

Date: May 22, 2024  
 Projection: UTM NAD83 Zone 18  
 © 2024, County of Renfrew



<b>Trails AMP Totals</b>										
<b>2025 - 2034</b>										
	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>2029</b>	<b>2030</b>	<b>2031</b>	<b>2032</b>	<b>2033</b>	<b>2034</b>
<b>Trails</b>	\$1,902,810	\$1,166,200	\$2,499,000	\$264,600	\$742,550	\$774,150	\$1,162,300	\$263,200	\$208,600	\$169,400
<b>Structures</b>	\$396,000	\$3,029,000	\$1,678,000	\$1,907,000	\$1,647,000	\$1,113,000	\$590,000	\$567,500	\$1,147,500	\$820,000
<b>TOTAL</b>	<b>\$2,298,810</b>	<b>\$4,195,200</b>	<b>\$4,177,000</b>	<b>\$2,171,600</b>	<b>\$2,389,550</b>	<b>\$1,887,150</b>	<b>\$1,752,300</b>	<b>\$830,700</b>	<b>\$1,356,100</b>	<b>\$989,400</b>

10 Year Capital Asset Management Plan 2025 - 2034 - Recreational Trail Sections

																	Annual Totals									
																	1,902,810	1,166,200	2,499,000	264,600	742,550	774,150	1,162,300	263,200	208,600	169,400
Asset ID	Trail ID	Trail Name	Section Description	From LR	To LR	Length (km)	Status	Surface Type	Surface Width (m)	Municipality	Past Program	Program	Cost/km	Cost	Past Plan Year	Plan Year	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034
AT0000	AT	Algonquin Trail	South Cty Bdry to Cemetery	0.00	4.30	4.30	Open	Stone Dust	4.0	Arnprior & McNab/Braeside		SD20	\$14,000	\$60,200		2028				60,200						
AT0043	AT	Algonquin Trail	Cemetery to Mast Rd	4.30	12.70	8.40	Open	Stone Dust	4.0	McNab/Braeside		SD20	\$14,000	\$117,600		2028				117,600						
AT0127	AT	Algonquin Trail	Mast Rd to River Rd Crossing	12.70	18.90	6.20	Open	Stone Dust	4.0	McNab/Braeside & Horton		SD20	\$14,000	\$86,800		2028				86,800						
AT0189	AT	Algonquin Trail	River Rd Crossing to O'brien Rd	18.90	29.60	10.70	Open	Stone Dust	4.0	Horton & Renfrew		SD20	\$14,000	\$149,800		2029					149,800					
AT0296	AT	Algonquin Trail	O'brien Rd. to McAndrew (Renfrew)	29.60	33.10	3.50	Open	Stone Dust	4.0	Renfrew		SD20	\$14,000	\$49,000		2029					49,000					
AT0331	AT	Algonquin Trail	McAndrew Ave to Orin Rd.	33.10	41.90	8.80	Open	Stone Dust	4.0	Renfrew & Admaston/Bromley		SD20	\$14,000	\$123,200		2030						123,200				
AT0419	AT	Algonquin Trail	Orin Rd. to Hwy 17	41.90	50.80	8.90	Open	Stone Dust	4.0	Whitewater		SD20	\$14,000	\$124,600		2030						124,600				
AT0508	AT	Algonquin Trail	Hwy 17 to Astrolab rd.	50.80	56.30	5.50	Open	Stone Dust	4.0	Whitewater		SD20	\$14,000	\$77,000		2031							77,000			
AT0563	AT	Algonquin Trail	Astrolab (Cobden) to Hwy 17 crossing	56.30	62.80	6.50	Open	Stone Dust	4.0	Whitewater		SD20	\$14,000	\$91,000		2031							91,000			
AT0628	AT	Algonquin Trail	Hwy 17 crossing to Muskrat River (Meath Hill)	62.80	72.30	9.50	Open	Stone Dust	4.0	Whitewater		SD20	\$14,000	\$133,000		2031							133,000			
AT0723	AT	Algonquin Trail	Muskrat River (Meath Hill) to Hwy 148	72.30	81.70	9.40	Open	Stone Dust	4.0	Whitewater & Laurentian Valley		SD20	\$14,000	\$131,600		2032								131,600		
AT0817	AT	Algonquin Trail	Hwy 148 to TV MacKay St. (Pembroke)	81.70	87.20	5.50	Open	Stone Dust	4.0	Laurentian Valley & Pembroke		SD20	\$14,000	\$77,000		2032								77,000		
AT0872	AT	Algonquin Trail	MacKay St. to TV Tower Rd. (Pembroke)	87.20	91.10	3.90	Open	Stone Dust	4.0	Pembroke & Laurentian Valley		SD20	\$14,000	\$54,600		2032								54,600		
AT0911	AT	Algonquin Trail	TV Tower Rd. to Black Bay Rd.	91.10	99.60	8.50	Open	Stone Dust	4.0	Laurentian Valley & Petawawa		SD20	\$14,000	\$119,000		2033									119,000	
AT0996	AT	Algonquin Trail	Black Bay Rd. to Paquette crossing (Petawawa)	99.60	106.00	6.40	Open	Stone Dust	4.0	Petawawa		SD20	\$14,000	\$89,600		2033									89,600	
AT1060	AT	Algonquin Trail	Paquette crossing to Black Bear Rd.	106.00	112.40	6.40	Closed	Granular A	4.0	Petawawa		SD20	\$14,000	\$89,600	2024	2035										
AT1124	AT	Algonquin Trail	Black Bear Rd. to Hwy 17 crossing	112.40	119.70	7.30	Closed	Granular A	4.0	Petawawa & Laurentian Hills		SD20	\$14,000	\$102,200	2024	2035										
AT1197	AT	Algonquin Trail	Hwy 17 Crossing to Main St.(Chalk River)	119.70	124.20	4.50	Open	Stone Dust	4.0	Laurentian Hills		SD20	\$14,000	\$63,000		2034										63,000
AT1242	AT	Algonquin Trail	Main St. to Wylie Rd.	124.20	131.80	7.60	Open	Stone Dust	4.0	Laurentian Hills		SD20	\$14,000	\$106,400		2034										106,400
AT1318	AT	Algonquin Trail	Wylie Rd. to James Lake Rd.	131.80	140.40	8.60	Closed	Granular A	4.0	Laurentian Hills		SD20	\$14,000	\$120,400	2024	2035										
AT1404	AT	Algonquin Trail	James Lake Rd. to Moore Lake Rd.	140.40	148.40	8.00	Closed	Granular A	4.0	Laurentian Hills		SD20	\$14,000	\$112,000	2024	2036										
AT1484	AT	Algonquin Trail	Moore Lake Rd. to Ashport Rd.	148.40	155.90	7.50	Closed	Granular A	4.0	Laurentian Hills & Head, Clara, Maria		SD20	\$14,000	\$105,000	2024	2036										
AT1559	AT	Algonquin Trail	Ashport Rd. to Yates Rd.	155.90	168.21	12.31	Closed	Stone Dust	4.0	Head, Clara, Maria		SD20	\$14,000	\$172,340	2024	2037										
AT1680	AT	Algonquin Trail	Yates Rd. to Crossing Rd. (Bissett Creek)	168.21	184.20	15.99	Closed	Rail Ballast	4.0	Head, Clara, Maria		B&S-SD	\$119,000	\$1,902,810		2025	1,902,810									
AT1842	AT	Algonquin Trail	Crossing Rd. (Bissett Creek) to Sneezy Creek	184.20	194.00	9.80	Closed	Rail Ballast	4.0	Head, Clara, Maria		B&S-SD	\$119,000	\$1,166,200		2026		1,166,200								
AT1940	AT	Algonquin Trail	Sneezy Creek (AT 397) to Dunlop Cr. (Deux Rivieres)	194.00	204.60	10.60	Closed	Rail Ballast	4.0	Head, Clara, Maria		B&S-SD	\$119,000	\$1,261,400		2027			1,261,400							
AT2046	AT	Algonquin Trail	Dunlop Cr. (Deux Rivieres) to Northern Cty Bdry	204.60	215.00	10.40	Closed	Rail Ballast	4.0	Head, Clara, Maria		B&S-SD	\$119,000	\$1,237,600		2027			1,237,600							
KP0000	K&P	K & P Recreational Trail	June St./Algonquin Trail to Ferguslea Rd. (Renfrew)	0	6.25	6.25	Open	Stone Dust	3.2	Renfrew & Admaston/Bromley		SD50	\$87,000	\$543,750		2029					543,750					
KP0062	K&P	K & P Recreational Trail	Ferguslea Rd. to Pucker St. (Renfrew)	6.25	12.3	6.05	Open	Stone Dust	3.2	Admaston/Bromley		SD50	\$87,000	\$526,350		2030						526,350				
KP0123	K&P	K & P Recreational Trail	Pucker St. to Generating Station Lane	12.3	22.2	9.90	Open	Granular A	3.2	Greater Madawaska		SD50	\$87,000	\$861,300		2031							861,300			

10 Year Capital Asset Management Plan 2025 - 2034 - Recreational Trail Structures

Asset ID	Structure Name	Trail	Location	Municipality	Owner	Asset Type	Type of Structure	Current Load Rating	Required Load Rating	BCI	Description of Planned Works	Past Cost	Cost	Past Plan Year	Plan Year	Annual Totals:												
																2025	2026	2027	2028	2029	2030	2031	2032	2033	2034			
																\$396,000	\$3,029,000	\$1,678,000	\$1,907,000	\$1,647,000	\$1,113,000	\$590,000	\$567,500	\$1,147,500	\$820,000			
AT001	Hwy 17 O/H	Algonquin	1.4 kms south of Daniel street	Arnrior	MTO	Underpass	MTO structure	N/A	N/A	75		-	-															
AT002	Hwy 17 O/H	Algonquin	1.3 kms south of Daniel street	Arnrior	MTO	Underpass	MTO structure	N/A	N/A	75		-	-															
AT003	O/H Bridge - Decosta street	Algonquin	0.9 kms South of Daniel street	Arnrior	OPG	Underpass	OPG structure	N/A	N/A	75		-	-															
AT004	Madawaska River	Algonquin	0.3 kms south of Daniel street	Arnrior	CoR	Bridge	Rail style Steel I Girder/Truss &	Highway	Trail	51.26	Abutment, piers, and		1,200,000															
AT005	Dochart Creek/Arnrior	Algonquin	1 km north of Division street	McNab/Braeside	CoR	Bridge	Rail style I Girder/Truss Bridge w/	Highway	Trail	68.48	Abutments		250,000															
AT006	Quinn's Creek	Algonquin	1.3 kms west of River Road	Horton	CoR	Bridge	Lessard Bridge	Highway	Trail	72.39	Abutments		75,000															
AT007	Hwy 17 O/H	Algonquin	0.7 kms west of Goshen Road	Horton	MTO	Underpass	MTO structure	N/A	N/A	50			-															
AT008	Bonnechere River/Renfrew	Algonquin	0.5 kms west of June street	Renfrew	CoR	Bridge	Rail style I Girder/Truss Bridge w/	Highway	Trail	62.32	Abutment and piers		1,400,000															
AT009	Jeffreys Creek	Algonquin	0.2 kms west of highway 17 in Haley	Whitewater	CoR	Culvert	SPCSPA	Highway	Trail	14.15	Replace CSPA		200,000															
AT010	Haley's Gulley	Algonquin	0.2 kms east of highway 17 near	Whitewater	CoR	Bridge	Rail style I Girder/Truss Bridge w/	Highway	Trail	44.8	abutment, retaining walls		200,000															
AT011	Gould's Creek	Algonquin	0.5 kms south of Astrolabe Road	Whitewater	CoR	Bridge	CIP Concrete Box Girder Bridge w/ Concrete Deck	Highway	Trail	52.53	Substructure rehab		200,000															
AT012	Snake River	Algonquin	0.5 kms north of Poff Road	Whitewater	CoR	Bridge	Rail style I Girder/Truss Bridge w/ Timber Deck	Highway	Trail	60.97	Substructure rehab		300,000															
AT013	Muskrat River	Algonquin	0.1 kms north of highway 17 near	Whitewater	CoR	Bridge	Rail style I Girder/Truss Bridge w/	Highway	Trail	73.94	Substructure rehab		300,000															
AT014	Hwy 17 O/H	Algonquin	2.2 kms south of Greenwood Road	Whitewater	MTO	Underpass	MTO structure	N/A	N/A	73.94			-															
AT015	OCR OH	Algonquin	1.2 kms south of Greenwood Road	Laurentian Valley	CN?	Underpass	Underpass below Former CN Rail	N/A	N/A	72.88			-															
AT016	Greenwood Road	Algonquin	0.2 kms south of Traxton Way	Laurentian Valley	MTO	Culvert	Underpass, PC box culvert through HWY	N/A	N/A	74.02			-															
AT017	Muskrat River Pembroke	Algonquin	0.1 kms west of Mackay street	Pembroke	CoR	Bridge	Rail style Pony I Girder/Truss	Highway	Trail	72.34	Substructure rehab and		700,000															
AT018	Alexander Street/Pembroke	Algonquin	0.2 kms east of College Way	Pembroke	CoR	Bridge	Steel I Beam Deck Bridge	Highway	Trail	63.12	concrete repairs		100,000															
AT019	Water St/Pembroke	Algonquin	0.3 kms west of College Way	Pembroke	CoR	Bridge	Rail style I Girder Bridge w/ Steel Deck	Highway	Trail	67.74	Substructure rehab		100,000															
AT020	Hales Creek	Algonquin	1.5 kms west of TV Tower Road	Laurentian Valley	CoR	Culvert	Stone Masonry Open Arch	Highway	Trail	72.38	Substructure rehab		250,000															
AT021	Petawawa River/Petawawa	Algonquin	0.4 kms north of Portage Road	Petawawa	CoR	Bridge	Rail style I Girder/Truss Bridge w/	Highway	Trail	67.49	Substructure rehab		600,000															
AT022	Tucker Creek	Algonquin	0.1 kms south of Deluthier Road	Laurentian Hills	CoR	Bridge	Steel I-Girder Bridge w/ Timber Deck	Trail	Trail	85	Replace deck, steel repairs		100,000															
AT023	Young Creek	Algonquin	0.1 kms north of Deluthier Road	Laurentian Hills	CoR	Bridge	Steel I-Girder Bridge w/ Timber Deck	Highway	Highway	90	Replace bridge		400,000															
AT024	Chalk River	Algonquin	1.6 kms north of Deluthier Road	Laurentian Hills	CoR	Bridge	Steel I-Girder Bridge w/ Timber Deck	Trail	Trail	85	Replace deck, steel repairs		100,000															
AT025	Wylie Creek 1	Algonquin	0.4 kms north of Wylie Road	Laurentian Hills	CoR	Culvert	CIP Concrete Open Frame	Highway	Highway	58.31	Replace structure		550,000															
AT026	Stream LH/Wylie Creek 2	Algonquin	3 kms north of Wylie Road	Laurentian Hills	CoR	Bridge	Concrete I Girder Bridge w/ Concrete Deck	Highway	Highway	95.49	None		150,000															
AT027	Wylie Creek 3	Algonquin	8.5 kms north of Wylie Road	Laurentian Hills	CoR	Culvert	Stone Masonry Open Arch	Highway	Highway	65.87	Stone masonry rehab		120,000															
AT028	Harvey Creek	Algonquin	1.5 kms south of Ashport Road	Head, Clara & Maria	CoR	Culvert	Stone Masonry Open Arch & CIP Concrete Open Frame	Highway	Highway	70.83	Barrel stonework and concrete		150,000															
AT029	Holden Lake	Algonquin	0.5 kms east of Mackey Creek Road	Head, Clara & Maria	CoR	Culvert	CIP Twin Concrete Open Frames	Highway	Highway	70.96	Rehab barrel, inlet and retaining walls		500,000															
AT030	Hwy 17	Algonquin	1.3 kms south of Pine Valley Road	Head, Clara & Maria	CoR	Bridge	Rail style Pony I Girder/Truss	Highway	Trail	72.27	Concrete rehab to soffit, MLE,		500,000															
AT031	Grants Creek	Algonquin	2.5 kms west of Yates Road	Head, Clara & Maria	CoR	Culvert	Twin CIP Boxes	Highway	Trail	70.29	General concrete rehab		200,000															
AT032	17 and Bissett Creek Overpass	Algonquin	0.6 kms west of Crossing Road	Head, Clara & Maria	CoR	Bridge	Rail style I Girder/Truss Bridge w/	Highway	Highway	46.77	Rehab, new bridge or level		2,200,000															
AT033	Sheedys Creek 1	Algonquin	14.3 kms east of Dunlop Crescent	Head, Clara & Maria	CoR	Bridge	Concrete Rigid Frame Arch Bridge	Highway	Highway	49.44	Replace		200,000															
AT034	Sheedys Creek 2	Algonquin	13.1 kms east of Dunlop Crescent	Head, Clara & Maria	CoR	Culvert	CIP Box Culvert	Highway	Highway	74.2																		
AT035	Sheedys Creek 3	Algonquin	12.4 kms east of Dunlop Crescent	Head, Clara & Maria	CoR	Bridge	Rail style I Girder/Truss Bridge w/	Highway	Highway	65.8	superstructure, abutments and		150,000															
AT036	Sheedys Creek 4	Algonquin	11.8 kms east of Dunlop Crescent	Head, Clara & Maria	CoR	Culvert	CIP Rigid Frame	Highway	Highway	55.94	barrels and retaining walls		100,000															
AT037	Sheedys Creek 5	Algonquin	9.6 kms east of Dunlop Crescent	Head, Clara & Maria	CoR	Culvert	CIP Box Culvert	Highway	Highway	74.85	Minor Rehab		100,000															
AT038	Sheedys Creek 6	Algonquin	8.5 kms east of Dunlop Crescent	Head, Clara & Maria	CoR	Bridge	CIP Concrete Frame Bridge	Highway	Highway	46.25	Replace structure		300,000															
AT039	Clara Creek	Algonquin	4.6 kms east of Dunlop Crescent	Head, Clara & Maria	CoR	Culvert	CIP Box Culvert	Highway	Highway	61.75	concrete repairs of barrel and		100,000															
AT040	Deux Rivieres Creek	Algonquin	0.7 kms east of Dunlop Crescent	Head, Clara & Maria	CoR	Culvert	CIP Concrete Open Arch	Highway	Highway	63.89	concrete repairs of barrel and		200,000															
AT041	Hwy 17 OH/Deux-Rivieres	Algonquin	0.2 kms east of Dunlop crescent	Head, Clara & Maria	MTO	Underpass	Underpass of MTO Structure	N/A	N/A	75			-															
AT042	Barbut Creek	Algonquin	4.8 kms west of Dunlop Crescent	Head, Clara & Maria	CoR	Bridge	CIP Concrete Frame Bridge	Highway	Highway	54.22	concrete repairs of barrel and		200,000															
KP001	Madawaska River 1	K&P	0.1 kms north of Generating Station Lane	Greater	CoR	Bridge	Rail style I Girder/Truss Bridge w/	Highway	Highway	69.3	Abutment and retaining walls		460,000															
KP002	Madawaska River 2	K&P	0.1 kms south of Lanark Road	Greater	CoR	Bridge	Rail style I Girder/Truss Bridge w/	Highway	Highway	67.73	superstructure, abutments and		900,000															
KP003	Hallidays Creek	K&P	0.5 kms north of Ashdad Road	Greater	CoR	Bridge	Rail style I Girder/Truss Bridge w/	Highway	Highway	73.03																		
KP004	Reid Lake	K&P	1.4 kms south of Ferguslea Road	Admaston/Bromle	CoR	Culvert	CIP Concrete Open Arch	Highway	Highway	59.85	Culvert and retaining walls		180,000															

Identified IEP Projects									
Project Description	Asset ID	Location	AMP Plan Year	AMP Program	AMP Allocation	Estimated IEP Project Cost	Design Status	TON Horizon (yrs.)	Notes
Expansion - CR 51 (Pembroke St. W.)	510000	Pembroke Limit to 42 (Forest Lea)	2025	REC-1	\$628,959	\$1,000,000	Conceptual	6-10	
Expansion - CR 51 (Petawawa Blvd.)	510151	Meadowbrook Dr to B-Line Rd	2036	PR2	\$1,124,187	\$2,500,000	Conceptual	6-10	
Intersection Upgrade to Roundabout - CR 51 (Petawawa Blvd.)	511211	Intersection of 26 (Doran) & Mohns Ave	2031	MICRO	\$600,000	\$4,400,000	Complete	NOW	
Expansion - CR 51 (Petawawa Blvd.)	511233	55 (Paquette)/Menin to 26 (Doran)/Mohns	2031	MICRO	\$120,000	\$6,100,000	Preliminary	1-5	Completion of Petawawa Blvd. Expansion from 2014 ESR
Intersection Upgrade to Roundabout - CR 51 (Petawawa Blvd.)	511328	Intersection of 55 (Paquette) & Menin Rd	2031	MICRO	\$80,000	\$5,300,000	Complete	NOW	CFB Petawawa has agreed to fund project in future, after development of HWY 17 Brindle Road access
New Bridge - Twin of B203 (Petawawa River Bridge)		0.3km south of 55 (Paquette)	#N/A	#N/A	#N/A	\$9,000,000	Preliminary	1-5	Completion of Petawawa Blvd. Expansion from 2014 ESR
Urbanization - CR 10 (Baskin Dr. W.)	100000	2 (Daniel) to 10 (Division)	2032	MR1-U+	\$711,826	\$2,400,000	Conceptual	NOW	
Intersection Realignment and Upgrade to Roundabout - CR10 (Baskin Dr. W. & Division St.)	100000	Intersection of Baskin, Division, and Duncan Rd.	2032	MR1-U+	\$711,826	\$1,500,000	Conceptual	1-5	
Urbanization - CR 10 (Division St.)	100077	10 (Baskin) to 1 (River/Elgin)	2034	R1+	\$236,160	\$2,000,000	Conceptual	1-5	
Intersection Upgrade to Signalized - CR 2 (Daniel St. N.)	20000	James St	2025	MR1-U+	\$783,000	\$375,000	Conceptual	1-5	
Intersection Upgrades to Roundabouts & Expansion - CR 2 (Daniel St. N.)	20091	Arthur St. to CR10 (Baskin Dr. W.)	2025	MR1-U+	\$469,800	\$3,500,000	Conceptual	NOW	
Intersection Upgrades to Roundabouts & Expansion - CR 2 (Daniel St. N.)	20171	CR10 (Baskin Dr. W.) to Stave Court Dr.	2036	MR1-U+	\$492,171	\$3,000,000	Conceptual	NOW	
Expansion of CR 1 (Madawaska Blvd.)	10213	CR2 (Daniel St. N.) to Elgin St.	2029	MICRO	\$117,000	\$1,600,000	Conceptual	1-5	
Expansion of CR 2 (Daniel St. N.)	20000	Michael St. to Arthur St.	2025	MR1-U+	\$783,000	\$3,000,000	Conceptual	1-5	
Expansion of CR 2 (Daniel St. N.)	20091	CR1 (Madawaska Blvd.) to Michael St.	2025	MR1-U+	\$469,800	\$2,000,000	Conceptual	1-5	
Intersection Upgrade to Signalized - CR 2 (White Lake Rd.)	20228	CR45 (Vanjumar Rd.)	2034	MR1-U+	\$545,200	\$375,000	Complete	1-5	
Expansion - CR 37 (Murphy Rd.)	370000	HWY 17 to 26 (Doran)	2034	MICRO	\$336,960	\$1,800,000	Conceptual	6-10	
Gillan Rd - Expansion & intersection improvements	60000	HWY 60 to Jamieson Ln	2035	PR2	\$647,680	\$1,600,000	Conceptual	10-15	
New Road - CR 29 (Drive-In Rd.) Connection	290000	Drive-In Rd. to Angus Campbell Dr.	2032	MICRO	\$165,360	\$4,200,000	Conceptual	1-5	Pembroke / Laurentian Valley TMP
Intersection Upgrade - CR 29 (Drive-In Rd.)	360000	Mackay St. / Mud Lake Rd. Connection	2025	REC-2	\$1,222,543	\$2,000,000	Conceptual	1-5	Pembroke / Laurentian Valley TMP
Urbanization - CR 29 (Drive-In Rd.)	290000	City of Pembroke Limit to Wilson Rd.	2032	MICRO	\$165,360	\$1,900,000	Conceptual	6-10	Pembroke / Laurentian Valley TMP
Urbanization - CR 29 (Drive-In Rd.)	290112	Wilson Rd. to Clearview Crescent	2032	MICRO	\$170,040	\$2,000,000	Conceptual	6-10	Pembroke / Laurentian Valley TMP
Urbanization - CR 29 (Drive-In Rd.)	290224	Clearview Crescent to Elm St.	2028	R1+	\$141,120	\$1,500,000	Conceptual	6-10	Pembroke / Laurentian Valley TMP
Urbanization - CR 29 (Drive-In Rd.)	290257	Elm St. to HWY 148	2028	MR1-U+	\$133,400	\$1,500,000	Conceptual	6-10	Pembroke / Laurentian Valley TMP
Intersection Upgrade to Roundabout - CR 36 (TV Tower Rd.)	360138	CR42 (Forest Lea Rd.) and CR51 (Pembroke St. W.)	2025	REC-2	\$974,678	\$5,200,000	Conceptual	10-20	Pembroke / Laurentian Valley TMP

## COUNTY OF RENFREW

### BY-LAW NUMBER

#### A BY-LAW TO REGULATE AND GOVERN THE USE OF THE LANDS IDENTIFIED AS COUNTY OF RENFREW RECREATIONAL TRAILS AS LINEAR PARKS

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WHEREAS Section 9 of the *Municipal Act, 2001, S.O. 2001, c. 25, as amended*, provides that a municipality has the capacity, rights, powers and privileges of a natural person for the purpose of exercising its authority;

AND WHEREAS Section 8 of the *Municipal Act, 2001, S.O. 2001, c. 25, as amended*, provides that Sections 9 and 11 shall be interpreted broadly so as to confer broad authority on municipalities to a) enable municipalities to govern their affairs as they consider appropriate and, b) enhance their ability to respond to municipal issues;

AND WHEREAS Section 11 (3) of the *Municipal Act, 2001, S.O. 2001, c. 25, as amended*, provides that a municipality is authorized to pass by-laws with respect to matters within the sphere of jurisdiction of culture, parks, recreation and heritage;

AND WHEREAS the Council of the Corporation of the County of Renfrew developed and adopted a management plan for the Algonquin Trail, as part of the Ottawa Valley Recreational Trail, that addresses issues such as use, control, liability, etc.;

AND WHEREAS the Council of the Corporation of the County of Renfrew developed and adopted a management plan for the K & P Recreational Trail that addresses issues such as use, control, liability, etc.;

AND WHEREAS it is deemed expedient and in the interest of public safety to regulate and govern the use of the County of Renfrew Recreational Trails;

AND WHEREAS the Council of the Corporation of the County of Renfrew has determined that any breach of the provisions of this By-law should be subject to a fine as set out in Schedule I.

NOW THEREFORE the Council of the Corporation of the County of Renfrew hereby enacts as follows:

#### 1. DEFINITIONS

**“Algonquin Trail”** means a 30-metre wide linear park to include all owned and leased land in the County and the City of Pembroke, and is the County of Renfrew portion of the Ottawa Valley Recreational Trail.

**“Camp”** includes the placement of a tent or trailer at any time on the Property or the lodging or staying overnight on the Property.

**“County of Renfrew”** means the Municipal Corporation of the County of Renfrew.

**“Debris”** includes anything that is not natural to the Property.

**“Dirt Bike”** means a two-wheel motorized machine used primarily for traveling on land other than registered roadways.

**“Enforcement Officer”** means a Provincial Offences Officer, an Ontario Provincial Police Officer, a By-law Officer as appointed by the County or a local municipality located within the geographic boundary of the County of Renfrew, or any person exercising a power or performing duty under this By-law.

**“Firearm”** includes any type of gun or other firearm including an air gun, spring gun, pellet gun, tranquilizer gun, cross-bow, long-bow or other type of bow, sling shot, or any similar thing.

**“K & P Recreational Trail”** means a varying width linear park to include all owned and leased land in the County of Renfrew, running from the interior of the Town of Renfrew to Calabogie.

**“Licensee”** means an association or club issued a license by the County of Renfrew to use the County of Renfrew Recreational Trails, and allow their members to use the designated County of Renfrew Recreational Trails through the issuance of permits in accordance with an executed License Agreement between the association or club and the County of Renfrew.

**“Litter”** includes the throwing, dumping, placing, depositing of any debris.

**“Motor Vehicle”** means a vehicle used for transportation relying upon a motor for operation including vehicles described as Off-Road Vehicles, Snowmobile/Motorized Snow Vehicles, Motorcycles, Dirt Bikes.

**“Natural Features”** means all geology, vegetation, and wildlife pertaining to, existing in or produced by nature throughout the County of Renfrew Recreational Trails. This includes all plant and wildlife species and wetland areas.

**“Off-Road Vehicle”** means an off-road vehicle within the meaning of the *Off Road Vehicles Act, R.S.O .1990, c.O. 4, as amended*.

**“Ottawa Valley Recreational Trail”** or **“OVRT”** means the 296 km section of trail owned and leased by the County of Renfrew, County of Lanark and the Township of Papineau-Cameron running from outside Mattawa to outside Smiths Falls.

**“Pedestrian”** means any person travelling on foot or with related foot gear and not requiring the aid of a motor for propulsion.

**“Permit”** means a current permit issued by a Licensee authorized by the County of Renfrew to allow the use of the trail by Permit Holders.

**“Permit Holder”** means a person issued a permit by a Licensee authorized by the County of Renfrew.

**“County of Renfrew Recreational Trails”** means any recreational trail designated by the County of Renfrew under this By-law as a linear park; including, but not limited to, Algonquin Trail and K & P Recreational Trail.

**“Signage”** means postings throughout the County of Renfrew Recreational Trails erected, or authorized, by the County of Renfrew.

**“Property”** means the property described as the Renfrew County Recreational Trails in the County of Renfrew.

**“Snowmobile/Motorized Snow Vehicle”** means a motorized snow vehicle, within the meaning of the *Motorized Snow Vehicles Act, R.S.O. 1990, c.M. 44, as amended*.

## 2. PERMITTED USES

The following are considered permitted uses of the County of Renfrew Recreational Trails:

- (i) Walking, running, hiking, dog walking.
- (ii) Cross country skiing, snowshoeing.
- (iii) Orienteering, geocaching.
- (iv) Nature appreciation, bird watching, nature study.
- (v) Dog sledding.
- (vi) Cycling, including the use of E-bikes.
- (vii) Horseback riding.
- (viii) Harvesting of non-wood products such as tree seed/cones, mushrooms for personal use.
- (ix) Electric-powered personal mobility vehicles (scooters, wheelchairs, etc.)
- (x) Other activities as approved through the execution of a land use agreement, lease agreement, license agreement, or special event permit obtained from the County of Renfrew.
- (xi) Other personal transportation as approved by the County of Renfrew.

## 3. PROHIBITED ACTIVITIES

The following activities are prohibited on the Algonquin Trail:

- (i) No person shall ~~T~~ampering with or ~~removing~~ remove any signage.
- (ii) No person shall ~~Using~~ use any portion of County of Renfrew Recreational Trails during a closure of that portion by the County of Renfrew due to extreme weather conditions, maintenance, or other reason at their discretion.
- (iii) No person shall ~~Disobeying~~ disobey signage posted by the County of Renfrew.
- (iv) No person shall ~~Camping~~ camp or ~~causing~~ cause any person to camp.
- (v) No person shall ~~Hunting~~ hunt or ~~causing~~ cause any person to hunt.
- (vi) No person shall ~~Discharging~~ discharge or ~~operating~~ operate a weapon or firearm or ~~causing~~ cause any person to discharge or operate any weapon or firearm.
- (vii) No person shall ~~Littering~~ litter.
- (viii) No person shall ~~Failing~~ fail to pick up after pets or horses.



- (ix) No person shall fail~~Failing~~ to control a pet, including dogs and horses.
- (x) No person shall vandalize~~Vandalizing~~ Property or cause any person to vandalize Property.
- (xi) No person shall start~~Starting~~ or feeding an ~~open-air~~open-air fire.
- (xii) No person shall ~~Removing~~remove, destroy~~ing~~, or otherwise disturb~~ing~~ any natural features without written consent of the County of Renfrew.
- (xiii) No person shall ~~Operation of~~operate a Motor Vehicle without a required license, insurance, or permit approved through lease agreement.
- (xiv) No person shall operate a vehicle with a passenger seated improperly.
- (xv) No person shall operate a vehicle that fails to meet all applicable provincial and manufacturer safety standards.
- (xvi) No person shall operate a vehicle in unsafe manner.
- (xvii) No person shall operate a vehicle that does not meet manufacturer's sound level.
- ~~(xiii) —~~

If a person is using the County of Renfrew Recreational Trails while operating a Motor Vehicle in accordance with Section 2, they shall not interfere with, or impede, a pedestrian or any other person using the County of Renfrew Recreational Trails.

## 5. **SPEED LIMIT**

The maximum speed limit permitted throughout the County of Renfrew Recreational Trails is 50 km/hour on rural parts of the trail and 20 km/hour on urban parts of the trail. Urban and rural sections of the County of Renfrew Recreational Trails and their respective speed limits will be delineated by signage. Every person who operates a motor vehicle, in compliance with Sections 2 and 3, on the trail shall comply with the speed limits.

## 6. **PERMITS**

Sections of the County of Renfrew Recreational Trails may be leased on an annual basis to local clubs or associations, which operate under the auspices of the 'Ontario Federation of Snowmobile Clubs' or the 'Ontario Federation of ATV Clubs'.

As per the Motorized Snow Vehicles Act, no person shall drive a motorized snow vehicle upon a prescribed trail except under the authority of, and in accordance with, a trail permit for the motorized snow vehicle issued. Similar restrictions shall be enforced for any other motor vehicle users of the County of Renfrew Recreational Trails permitted through a Lease Agreement.

Lease Agreements shall stipulate the period in each calendar year during which permitted uses under the Agreement may take place.

## 7. **CANINE AND EQUESTRIAN USE**

Canine and equestrian use requires the removal of excrement from the County of Renfrew Recreational Trails surface and violations are subject to penalty. Equestrian excrement shall be considered in the same manner as canine excrement.

**8. CURFEWS/TIME OF USE**

Users of the County of Renfrew Recreational Trails may do so from 7:00 a.m. to 11:00 p.m., unless otherwise posted by local by-laws with appropriate legislation cited.

**9. ENFORCEMENT AND PENALTIES**

- 9.1. Every person who uses the County of Renfrew Recreational Trails is subject to all Municipal By-laws and all Provincial and Federal laws and regulations. Any person violating any Municipal By-law, or other law, may be ordered by the County of Renfrew or an Enforcement Officer to leave the County of Renfrew Recreational Trails.
- 9.2. No person shall hinder or obstruct, or attempt to hinder or obstruct an Enforcement Officer.
- 9.3. No person shall neglect or refuse to produce information, identification or to provide any information required by any person acting pursuant to this By-law.
- 9.4. In addition to any other authority they may have, an Enforcement Officer is authorized to enforce the provisions of this By-law and to order any persons believed by such Enforcement Officer to be contravening or who has contravened any provision of this By-law:
  - a) To desist from the activity constituting or contributing to such a contravention;
  - b) To remove from the County of Renfrew Recreational Trails anything owned by or in the control of such person which the officer believes is or was involved in such contravention, and;
  - c) To leave the County of Renfrew Recreational Trails.
- 9.5. The court in which a conviction has been entered pursuant to this By-law and any other court of competent jurisdiction thereafter may make an order prohibiting the continuation or repetition of the offence by the person convicted, and such order shall be in addition to any other penalty imposed by the court on the person convicted.
- 9.6. Every person who contravenes any provision of this By-law is guilty of an offence and upon conviction is liable to a fine or penalty as provided for in the *Provincial Offences Act, R.S.O. 1990, c. P. 33*, as may be amended from time to time and to any other applicable penalty, including but not limited to those defined in the *Off-Road Vehicles Act*, the *Highway Traffic Act*, the *Motorized Snow Vehicles Act* and the *Trespass to Property Act*.

9.7. The County of Renfrew appoints the Ontario Provincial Police (“OPP”), and/or a designated By-law Enforcement Officer with the authority to enforce this By-law.

## 10. **PENALTY**

Any person found by an Enforcement Officer to have breached any provision of this By-law including applicable offences in Schedule ‘I’ may be subject to a fine as follows:

- (i) A breach by a Permit Holder or any user of the County of Renfrew Recreational Trails of any provision of this By-law shall be subject to a fine as set out in Schedule “I”.
- (ii) Upon receipt of a notice of a fine, the Permit Holder or the person or corporation named in the notice shall pay the penalty within seven (7) days to the Municipality.
- (iii) A fine Notice shall include the following information:
  - (a) the fine Notice Date;
  - (b) the date on which the fine is due and payable;
  - (c) the signature of the issuing Enforcement Officer;
  - (d) particulars of the contravention reasonably sufficient to indicate the nature of the contravention;
  - (e) the amount of the fine; and,
  - (f) a statement advising that an unpaid fine will constitute a debt of the person or corporation to the Municipality.
- (iv) An Enforcement Officer may serve the fine Notice on a person or corporation by one of the following methods:
  - (a) delivering it personally to the person or to the head office of the corporation;
  - (b) sending a copy by registered mail to the last known address of the person or the head office of the corporation; or,
  - (c) posting a copy of the notice in a conspicuous place at the site of the contravention and sending a copy by registered mail to the last known address of the person or the head office of the corporation.
- (v) A fine remaining unpaid after the date when it is due and payable, constitutes a debt to the Municipality owed by the person or corporation named in the notice. The Municipality may take all steps available in law to collect the unpaid penalty.

## 11. **SHORT FORM WORDINGS**

11.1. The Municipality shall make application to the Ministry of the Attorney General of Ontario for approval of Short Form Wordings and Set Fines in accordance with the Set Fine Schedule approved by resolution of Council, and such fines shall come into effect upon the approval or amendment by the Attorney General of Ontario or their designate.

11.2. Staff shall be authorized to make changes to the By-law or Set Fine Schedule without amendment to the By-law or Resolution of Council, if so recommended by the Attorney General or their designate in order for the Set Fines to be approved.

11.3. Council may, by Resolution, amend the Set Fines under this By-law at any time. Any amendment made to the Set Fines by Resolution of Council will come into force upon approval of the Attorney General or their designate.

12. **APPLICABILITY**

This By-law does not apply to vehicles or persons:

- i) of authorized law enforcement, firefighting, emergency medical, or other emergency personnel when carrying out authorized duties, or
- ii) engaged in work on or along the County of Renfrew Recreational Trails on behalf of the County of Renfrew.

13. THAT the document marked Schedule '1' attached to and made a part of this By-law is hereby approved.

14. THAT By-law [81-24](#) ~~iss 92-09 and 119-18~~ are hereby repealed.

15. THAT this By-law shall come into force and take effect upon the final passing thereof.

READ a first time this ~~29th~~ [30th](#) day of ~~May~~ [October](#), 2024.

READ a second time this [30th day of October, 2024](#) ~~29th day of May 2024~~.

READ a third time and finally passed this [30th day of October, 2024](#) ~~29th day of May 2024~~.

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PETER EMON, WARDEN

GWEN DOMBROSKI, CLERK

Schedule 'I'

THE CORPORATION OF THE COUNTY OF RENFREW  
PART 1 PROVINCIAL OFFENCES ACT

BY-LAW NUMBER ~~81-24~~

A BY-LAW TO REGULATE AND GOVERN THE USE OF THE LANDS IDENTIFIED  
AS COUNTY OF RENFREW RECREATIONAL TRAILS AS LINEAR PARKS

Item	Column 1 Short Form Wording	Column 2 Provision creating or defining offence	Column 3 Set Fine
1.	Tamper <del>ing</del> with or <del>removing</del> <u>remove</u> signage posted by, or in partnership with, the County of Renfrew	s. 3(i)	\$185.00
2.	<del>Using</del> <u>Use</u> trail during a closure of that portion of County of Renfrew Recreational Trails	s. 3(ii)	\$220.00
3.	Disobey <del>ing</del> posted signage	s. 3(iii)	\$185.00
4.	Camp <del>ing</del>	s. 3(iv)	\$185.00
5.	Hunt <del>ing</del>	s. 3(v)	\$185.00
6.	<del>Discharging</del> <u>Discharge</u> or <del>operating</del> <u>operate</u> a weapon or firearm	s. 3(vi)	\$185.00
7.	Litter <del>ing</del>	s. 3 (vii)	\$500.00
8.	Fail <del>ing</del> to clean up after pets/horses	s. 3 (viii)	\$500.00
9.	Fail <del>ing</del> to control pets/horses	s. 3(ix)	\$185.00
10.	<del>Vandalizing</del> <u>Vandalize</u> property	s. 3(x)	\$250.00
11.	Start <del>ing</del> /feed <del>ing</del> an open-air fire	s. 3(xi)	\$500.00
12.	<del>Removing</del> <u>Remove</u> /destroy <del>ing</del> /disturb <del>ing</del> natural features without consent	s. 3(xii)	\$185.00
13.	<del>Operation</del> <u>Operate</u> of motor vehicle without a license or permit	s. 3(xiii)	\$220.00
14.	<u>Operate a vehicle with a passenger seated improperly</u>	<u>s. 3(xiv)</u>	<u>\$360.00</u>
15.	<u>Operate vehicle that fails to meet applicable provincial and manufacturer safety standards</u>	<u>s. 3(xv)</u>	<u>\$185.00</u>
16.	<u>Operate vehicle in unsafe manner</u>	<u>s. 3(xvi)</u>	<u>\$185.00</u>
17.	<u>Operate vehicle that does not meet manufacturers sound level</u>	<u>s. 3(xvii)</u>	<u>\$300.00</u>
18.	Speed <del>ing</del> — more than 20 km/h where limit is 20 km/h or less.	s. 5	\$220.00
19.	Speed <del>ing</del> — more than 50 km/h where limit is 50 km/hr.	s. 5	\$220.00

Note: The general penalty provision for the offences listed above is Section 9.6 of By-law ~~81-24~~, a certified copy of which has been filed.

**COUNTY OF RENFREW**

**BY-LAW NUMBER**

**A BY-LAW TO AUTHORIZE SPEED LIMITS**

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WHEREAS Subsection (2) of Section 128 of the *Highway Traffic Act, R.S.O. 1990, Chapter H.8, as amended*, authorizes the Council of a Municipality by By-law, to prescribe a rate of speed of 40, 50, 60, 70, 80, 90 or 100 kilometres per hour, for motor vehicles driven on a highway or portion of highway under its jurisdiction;

AND WHEREAS it is deemed expedient that the speed limit for motor vehicles on certain highways in the County of Renfrew be decreased, increased or both.

NOW THEREFORE the Council of the Corporation of the County of Renfrew enacts as follows:

1. Notwithstanding any other By-law to the contrary, when the roads as set out on the attached schedule, are marked in compliance with the regulations under the *Highway Traffic Act*, the maximum rate of speed thereon shall be as outlined in Schedule 'A' attached hereto.
2. THAT the maximum rate of speed for all roads other than those outlined in Schedule 'A', shall be 80 km/h.
3. THAT the reduced rate of speed in the school safety zones designated in Schedule 'A', be in effect at the times therein specified and on the days during which school is regularly held.
4. THAT the penalties provided in Subsection (14) of Section 128 of the *Highway Traffic Act*, shall apply to offences against this By-law.
5. THAT this By-law shall have full force and effect from the date the portion of Highway is marked out in accordance with the regulations under the *Highway Traffic Act*.
6. THAT By-law 8-24 is hereby repealed.

READ a first time this 30th day of October, 2024.

READ a second time this 30th day of October, 2024.

READ a third time and finally passed this 30th day of October, 2024.

---

PETER EMON, WARDEN

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CRAIG KELLEY, CLERK

**SCHEDULE A**

<b>COUNTY ROAD</b>	<b>FROM</b>	<b>TO</b>	<b>RATE OF SPEED</b>
1	Renfrew County Boundary	600m North of the Renfrew County Boundary	60
1	600m North of County Boundary	Daniel Street North	50
1	Daniel Street North	Division Street	40
1	Division Street	Usborne Street (Southern End)	50
1	Usborne Street (Southern End)	900m North of Usborne Street (Southern End)	60
1	500m South of Dochart Street	Dochart Street	60
1	Dochart Street	700m North of Usborne Street (North End)	50
1	700m North of Usborne Street (North End)	700m North of Toner Road	60
1	700m North of Toner Road	850m East of Mast Road	50
1	850m East of Mast Road	200m West of Mast Road	60
1	Thacker Lane	Grantham Road	60
2	Madawaska Street	Baskin Drive East & West	40
2	Baskin Drive East & West	Campbell Drive	50
2	Campbell Drive	Melanson Road	60
2	Highland Road	Eastern End of Waba Creek Bridge	60
2	Eastern End of Waba Creek Bridge	Burnstown Road	50
3	River Road	400m West of River Road	50
3	400m West of River Road	1.1km West of River Road	60
5	Highway 132	400m East of Riddell Road	60
5	650m South of Highway 60	400m South of Highway 60	60
5	400m South of Highway 60	Highway 60	50
6	Highway 60	Renfrew Town Limit	50
6	Renfrew Town Limit	Highway 17	60



COUNTY ROAD	FROM	TO	RATE OF SPEED
6	Highway 17	Goshen Road	60
7	450m West of Summerfield Drive	500m East of Cedar Haven Road	60
7	350m West of Government Road	50m East of Government Road	60
7	50m East of Government Road	Foresters Falls Southern Limit	50
7	Foresters Falls Southern Limit	250m South of the Foresters Falls Southern Limit	60
8	Highway 17	Behm Line/Snake River Line	50
8	Behm Line/Snake River Line	250m West of Behm Line/Snake River Line	60
10	Baskin Drive West	Elgin Street West/River Road	50
10	Division Street	County Road 2 (Daniel Street)	50
10 - School Safety Zone	500m North of County Road 2 (Daniel Street)	850m North of County Road 2 (Daniel Street)	40 When Flashing
12	Lookout Road	600m South of the Gore Line	60
12	600m South of the Gore Line	Gore Line	50
16	Laurentian Drive	Petawawa Boulevard	50
19	600m North of Robinson Road	Pembroke City Limit	60
20	Highway 60	400m East of Highway 60	50
20	400m East of Highway 60	1.8km East of Highway 60	60
21	1.2km South of Pappin Road	700m South of Watchhorn Drive	70
21	700m South of Watchhorn Drive	500m North of Lapasse Road	50
21	500m North of Lapasse Road	750m North of Lapasse Road	60
22	550m West of Scotch Bush Road	300m West of Scotch Bush Road	60
22	300m West of Scotch Bush Road	500m East of Scotch Bush Road	50
22	500m East of Scotch Bush Road	750m East of Scotch Bush Road	60
23	350m South of Waba Creek Bridge	100m South of Waba Creek Bridge	60

COUNTY ROAD	FROM	TO	RATE OF SPEED
23	100m South of Waba Creek Bridge	Frank Street	50
23	Frank Street	250m North of Frank Street	60
25	Petawawa Boulevard	Victoria Street	50
26	Black Bay Road	Murphy Road	60
26	Murphy Road	Petawawa Boulevard	50
29	Pembroke City Limit	Stoneyfield Drive	60
29	Stoneyfield Drive	Highway 148	50
30	Highway 60	900m East of Highway 60	50
30	900m East of Highway 60	1.0km East of Highway 60	60
34	Calabogie Road	1.3km North of Calabogie Road	60
35	TV Tower Road	Forced Road/Boundary Road East	60
35	Jean Avenue/Forced Road	Trafalgar Road	50
37	400m West of Doran Road	650m West of Doran Road	60
37	Petawawa Boulevard	400m West of Doran Road	50
42	600m West of B Line Road	Pembroke Street West	70
45	White Lake Road	Lenser Drive	60
48	1.7km West of Blind Line	175m East of Blind Line	60
49	Beachburg Road	500m East of Beachburg Road	50
49	500m East of Beachburg Road	750m East of Beachburg Road	60
49	450m South of Gore Line	200m South of Gore Line	60
49	200m South of Gore Line	Gore Line	50
50	Westmeath Road	Phoebe Street	50
50	Phoebe Street	Wright Road	60
50	250m West of Lapasse Road	Lapasse Road	60

COUNTY ROAD	FROM	TO	RATE OF SPEED
51	Pembroke City Limit	1.6km North of the Pembroke City Limit	60
51	Silke Drive	Paquette Road	50
52	White Lake Road	Museum Road	50
52	Museum Road	2.2km North of White Lake Road	60
52	1.65km South of Calabogie Road	1.9km South of Calabogie Road	60
52	1.65km South of Calabogie Road	1.2km North of Calabogie Road	50
52	1.2km North of Calabogie Road	1.45km North of Calabogie Road	60
52	2.7km South of Highway 60	1.2km South of Highway 60	60
52	1.2km South of Highway 60	Highway 60	40
55	Petawawa Boulevard	250m West of Petawawa Boulevard	60
58	1.4km East of Simpson Pit Road	500m East of Simpson Pit Road	60
58	500m East of Simpson Pit Road	Division Road	50
58	Division Road	1.4km West of Division Road	60
58	150m West of B Line Road	100m West of TV Tower Road	70
58	100m West of TV Tower Road	Boundary Road East	50
59	700m East of Highway 17	Madawaska Boulevard	70
61	300m South of Godfrey Road	250m East of Haley Road	60
62	250m West of Ohio Road	White Pine Crescent	60
62	White Pine Crescent	350m South of Palmer Road	50
62	350m South of Palmer Road	100m North of Old Barry's Bay Road	60
62	500m south of Blueberry Point Lane	Lakeshore Drive	70
62	Lakeshore Drive	Highway 60	50
63	Watts Line	Stewartville Road	50
63	Flat Rapids Road	2.1km North of Flat Rapids Road	60

COUNTY ROAD	FROM	TO	RATE OF SPEED
63	2.1km North of Flat Rapids Road	Calabogie Road	50
65	Matawatchan Road	500m East of Centennial Drive	60
66	Brudenell Road	500m West of Brudenell Road	60
66	Highway 60	1.35km South of Highway 60	60
67	2.4km South of Round Lake Road	700m South of Round Lake Road	60
67	700m South of Round Lake Road	Round Lake Road	50
68	450m East of John Watson Road	200m East of John Watson Road	60
68	200m East of John Watson Road	200m West of Guiney Road	50
68	200m West of Guiney Road	450m West of Guiney Road	60
69	Kartuzy Road	150m West of St. Francis Memorial Drive	60
69	150m West of St. Francis Memorial Drive	300m East of St. Francis Memorial Drive	40
69	300m East of St. Francis Memorial Drive	Highway 60	50
70	250m West of Hoffman Road	Hoffman Road	60
70	Hoffman Road	Western Reserve Limit	50
70	Eastern Reserve Limit	Highway 60	50
71	Highway 41	2.5km East of Highway 41	60
72	Highway 17	County Road 73 (Deep River Road)	40
73	Highway 17	County Road 72 (Ridge Road)	40
508	Calabogie Road/Hydro Dam Road	Centennial Lake Road	60
508	500m West of Norton Road	500m East of Lanark Road	60
508	500m West of Burnstown Road	500m East of Burnstown Road	60
511	Grassy Bay Road	Bluff Point Drive	60
511	Bluff Point Drive	12517 Lanark Road	50
511	12517 Lanark Road	Calabogie Road	40

COUNTY ROAD	FROM	TO	RATE OF SPEED
512	Highway 60	350m North of Ruby Road	40
512	350m North of Ruby Road	100m South of Mountain View Road	60
512	700m North of Foymount Road	Foymount Road	60
512	Brudenell Road	500m East of Brudenell Road	60
512	Sand Road	450m West of Highway 41	60
<del>512</del>	<del>Civic address 3467 Foymount Road</del>	<del>Lake Clear Road</del>	<del>60</del>
512	450m West of Highway 41	Highway 41	50
514	4.2km North of Highway 28	4.5km North of Highway 28	60
514	4.5km North of Highway 28	5.1km North of Highway 28	50
514	5.1km North of Highway 28	5.4km North of Highway 38	60
515	200m North of River Road	250m North of Burnt Bridge Road	60
515	250m North of Burnt Bridge Road	650m South of Burnt Bridge Road	50
515	650m South of Burnt Bridge Road	900m South of Burnt Bridge Road	60
515	450m West of Letterkenny Road	200m West of Letterkenny Road	60
515	200m West of Letterkenny Road	1.1km East of Letterkenny Road	50
515	1.1km East of Letterkenny Road	1.4km East of Letterkenny Road	60
517	0.4km North of Micks Road	2.2km South of Combermere Road	60
517	2.2km South of Combermere Road	Combermere Road	50
653	800m East of County Road 4	400m West of boundary with Province of Quebec	70
653	400m West of boundary with Province of Quebec	Boundary with Province of Quebec (Center of Chenaux Interprovincial Bridge)	50

## OPERATIONS DIVISION REPORT

Prepared By: Lee Perkins, Director of Public Works and Engineering  
Prepared for: Operations Committee  
October 15, 2024

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### INFORMATION

#### 1. Operational Status and Winter Readiness

Staff are preparing for the upcoming winter season. The Public Works and Engineering Department is required to be 50% operational by November 1, 2024 and 100% operational by November 15, 2024. Night Patrol shifts are scheduled to commence on November 4, 2024, and will continue until March 29, 2025.

#### 2. Winter Maintenance Agreements

The following are the statuses of all winter maintenance agreements:

- Township of Carlow/Mayo – for services on a portion of County Road 517 (Dafoe Road) – Term 2024-2025 – discussions in progress
- Pat Stewart Trucking Inc. – for services on County Road 635 (Swisha Road) – Term 2024-2025 – discussions in progress
- Town of Arnprior – Term 2024-2025 – discussions in progress
- Town of Renfrew – Term 2019-2029
- Town of Deep River – Term 2020-2030

The following multi-year facility rental agreements for County of Renfrew winter operations equipment are complete and are valid until the 2026/2027 winter season:

- Township of Bonnechere Valley for the use of one bay of the garage at Foymount during the winter season.
- Algonquins of Pikwakanagan for the use of one bay of the garage at Golden Lake during the winter season.

### DELEGATED AUTHORITY APPROVALS

3. The following item was approved under By-law 98-24, Delegated Authority By-law:

BY-LAW/ RESOLUTION	DATE	DESCRIPTION	DELEGATED AUTHORITY BY-LAW REFERENCE
OP-C-24-09-102 D	September 3, 2024	PWO-2024-17 – Concrete Gutters and Grates – White Water Road Patrol –	Section 2.1 - Agreements – Contracts

		902474 Ontario Ltd./Do-All Construction, Pembroke, Ontario - \$40,000, plus applicable taxes (memo attached)	Policy GA-01, Procurement of Goods & Services
OP-C-24-09-103 D	September 3, 2024	PWO-2024-25 – Concrete Gutters and Grates – Southwest Patrol – 902474 Ontario Ltd./Do-All Construction, Pembroke, Ontario - \$59,280, plus applicable taxes (memo attached)	Section 2.1 - Agreements – Contracts Policy GA-01, Procurement of Goods & Services
OP-C-24-09-104 D	September 3, 2024	PWO-2024-26 – Concrete Gutters and Grates – Cobden Patrol – 902474 Ontario Ltd./Do-All Construction, Pembroke, Ontario - \$52,299, plus applicable taxes (memo attached)	Section 2.1 - Agreements – Contracts Policy GA-01, Procurement of Goods & Services

## RESOLUTIONS

### 4. PWO-2024-30 – One 30-Ton Tag Along Float

**Recommendation:** THAT the Operations Committee approves Contract PWO-2024-30 as submitted by JJ Trailers, Toronto, Ontario for the supply and delivery of one 30-Ton Tag Along Float in the amount of \$79,653.40, plus applicable taxes.

#### Background

Tenders for the supply and delivery of one 30-Ton Tag Along Float were requested and received as follows:

- |   |             |
|---|-------------|
| 1. JJ Trailers, Toronto, Ontario                      | \$79,653.40 |
| 2. JC Trailers Design & Fabrication, Keswick, Ontario | Rejected    |
| 3. Via Trailers, Bolton, Ontario                      | Rejected    |
| 4. Brandt Tractor Ltd., Regina, Saskatchewan, Ontario | Rejected    |
- All amounts exclude applicable taxes.

#### Financial Implications

The current 2024 Departmental Budget includes funds in the amount of \$70,000 for a 30-Ton Tag Along Float. Staff have reviewed the tender results and recommend that the balance of the required funds be obtained from savings incurred from previous 2024



approved equipment purchases. This tender was processed in accordance with the County of Renfrew Corporate Policy GA-01, Procurement of Goods and Services, specifically Section 18.7 which states that awards emanating from a Request for Tender (RFT) that are \$100,000 or less in excess of the Council approved estimate require approval from the appropriate Standing Committee.

**5. PWO-2024-12 – Four Propane Steamers**

**Recommendation:** THAT the Operations Committee approves Contract PWO-2024-12 as submitted by Clark-Kavanagh Inc., Bancroft, Ontario, for the supply and delivery of four Propane Steamers in the amount of \$96,050, plus applicable taxes.

**Background**

Tenders for the supply and delivery of four Propane Steamers were requested and one submission was received:

- |   |             |
|---|-------------|
| 1. Clark-Kavanagh Inc., Bancroft, Ontario | \$96,050.00 |
| Amount excludes applicable taxes.         |             |

**Financial Implications**

The current 2024 Departmental Budget includes funds in the amount of \$80,000 for four Propane Steamers. Staff have reviewed the tender results and recommend that the balance of the required funds be obtained from savings incurred from previous 2024 approved equipment purchases. This tender was processed in accordance with the County of Renfrew Corporate Policy GA-01, Procurement of Goods and Services, specifically Section 18.7 which states that awards emanating from an RFT that are \$100,000 or less in excess of the Council approved estimate require approval from the appropriate Standing Committee.

**BY-LAWS**

**6. PWO-2024-05 – One Tandem Truck and Plow Unit**

**Recommendation:** THAT the Operations Committee recommends that County Council approves Contract PWO-2024-05 as submitted by Viking Cives Ltd., Mount Forest, Ontario, in the amount of \$451,130, plus applicable taxes; AND THAT County Council adopt a By-law to execute the contract.

**Background**

Submissions were requested through the Canoe Procurement Program for the supply and delivery of one Tandem Truck and Plow Unit and one submission was received as follows:

1. Viking Cives Ltd., Mount Forest, Ontario \$451,130.00  
Amount excludes applicable taxes.

### **Financial Implications**

The current 2024 Departmental Budget includes funds in the amount of \$440,000 for one Tandem Truck and Plow Unit. Staff have reviewed the submissions and recommend that the balance of the required funds be obtained from savings incurred from previous 2024 approved equipment purchases, and that the contract be awarded and a purchase order be issued. This procurement was processed in accordance with the County of Renfrew Corporate Policy GA-01, Procurement of Goods and Services.

### **7. PWO-2016-01 – Supply and Delivery of Winter Salt**

**Recommendation:** THAT the Operations Committee recommends that County Council approve the extension of contract PWO-2016-01 for the supply and delivery of bulk coarse highway salt for winter operations for five years from 2025-2030 with Windsor Salt Limited, Mississauga, Ontario; AND THAT County Council adopt a By-law to formalize and authorize execution of an amended agreement; AND THAT By-laws 28-16 and 10-20 be hereby repealed.

### **Background**

In January 2016, the County entered into a contract with Windsor Salt Limited, formerly known as The Canadian Salt Company for the supply and delivery of bulk coarse highway salt for winter operations. The period of the original contract covered the 2016/17 and 2017/18 winter season and was extended until 2019/20 and again until the upcoming winter season 2024/25.

Clause TC-18 Successful Tenderer – Period of Contract reads as follows:

18.1 Contract covers the period from June 1, 2016 until May 31, 2018 (two years) and may be extended for three additional one-year periods, subject to satisfactory service, price terms and conditions. Extensions are to be mutually acceptable and subject to a continued requirement by the County and budget approval. Should a mutual agreement not be reached, it will be the prerogative of the County to call new tenders.

Staff has been very pleased with the product and the service provided by Windsor Salt Limited in the execution of this contract. Based on the satisfactory performance of the contract, staff has discussed a contract amendment with the supplier. Based on the discussions with the supplier, the County of Renfrew and the supplier have negotiated to utilize the existing contract conditions with contract amendments as follows:

- Five-year period 2025-2030
- A minimum call amount of 24,000 tonnes
- Guarantee call amount 115%
- Approximately 3% increase per year as follows:
  - 2025-2026 - \$116.49

- 2026-2027 - \$119.98
- 2027-2028 - \$123.58
- 2028-2029 - \$127.29
- 2029-2030 - \$131.11

**Financial Implications**

The table below, details the history, current status and proposed approach for the winter salt contract.

Year	Price Per Tonne	Percent Increase	Authorization
2016/2017	91.84	3.00	Contract
2017/2018	94.59	3.00	Contract
2018/2019	96.01	1.50	Extension
2019/2020	97.45	1.50	Extension
2020/2021	100.50	3.13	Extension
2021/2022	103.50	3.00	Extension
2022/2023	106.65	3.04	Extension
2023/2024	109.80	2.95	Extension
2024/2025	113.10	3.00	Extension
2025/2026	116.49	3.00	Proposed Contract Amendment
2026/2027	119.98	3.00	Proposed Contract Amendment
2027/2028	123.58	3.00	Proposed Contract Amendment
2028/2029	127.29	3.00	Proposed Contract Amendment
2029/2030	131.11	3.00	Proposed Contract Amendment

Based on the trend that increases are higher at the time of tendering versus at contract extensions, it is being recommended to extend the contract for another five years.

The average price increase for other regions in Ontario, for the first year of their contract is as follows:

- City of Thunder Bay - 15.0%
- Haldimand County - 22.0%
- City of Mississauga - 22.0%

In accordance with Policy GA-01, Procurement of Goods and Services, the approval of contract amendments in amounts greater than \$150,000 is required from Standing Committee and Council.

## **MEMORANDUM**

**TO:** Lee Perkins, MBA, C.E.T. Director of Public Works & Engineering

**FROM:** Richard J. Bolduc, A.Sc.T. Manager of Operations

**DATE:** September 3, 2024

**RE: PWO-2024-17 –Concrete Gutter and Grates W.W.R.P.**

### **BACKGROUND**

The Department issued a request for Tender for– Concrete Gutters and Grates W.W.R.P. Tenders were received until 2:00 p.m., Thursday, August 27, 2024.

Quotations were received as follows:

- |   |              |
|---|--------------|
| 1. 902474 Ontario Limited (Do-All Construction)<br>Pembroke, ON | \$84,436.00  |
| 2. Reiche Masonry Limited,<br>Pembroke, ON                      | \$106,451.40 |

Procurement of the services included in this tender, followed the requirements set out in Policy GA-01 – Procurement of Goods and Services.

### **FINANCIAL IMPLICATIONS**

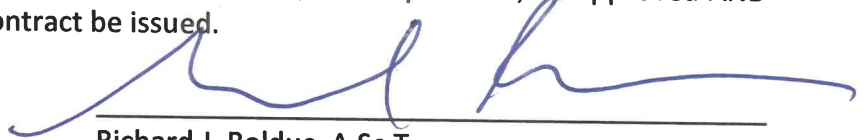
The low bid for this contract of \$84,436.00 plus HST is above the approved budget of \$50,000.00. Staff is recommending to lower the quantity of repairs required to ensure the total cost is below the approved budget amount. The original contract entailed the repair of 22 metres, therefore to meet the budget constraints the repair quantity will be reduced to 10 metres. Supplementary, under the General Conditions 6.7.1, "The Owner or Contractor may request an adjustment to a Unit Price contained in the Schedule of Prices provided that the actual quantity of the item in the Schedule of Prices exceeds or falls short of the estimated quantity by 15%." The Contractor has requested the Unit Price be adjusted from \$3,830.00 to \$4,000.00, therefore staff have ensured the total cost will be below the approved amount which is included in the adjusted quantity and will be executed in the form of a change order as per the contract requirements.

In accordance with County of Renfrew Policy GA-01 for the Procurement of Goods and Services, competitive tenders with results greater than \$25,000 and up to \$75,000 require approval from the Director of Public Works.

**RECOMMENDATION**

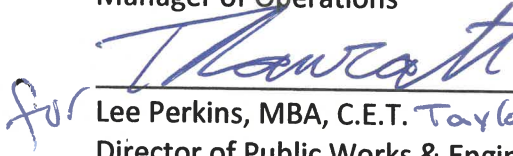
THAT the tender submitted by, Do-All Construction, Pembroke Ontario for the supply of Concrete Gutters and Grates –in the amount of \$40,000.00 plus HST, be approved AND FURTHER THAT a Executed Contract be issued.

Recommended by:



Richard J. Bolduc, A.Sc.T.  
Manager of Operations

Approved by:

*for*   
Lee Perkins, MBA, C.E.T. *Taylor Hansrath (Acting)*  
Director of Public Works & Engineering

## MEMORANDUM

**TO:** Lee Perkins, MBA, C.E.T., Director of Public Works

**FROM:** Richard J. Bolduc, A.Sc.T. Manager of Operations

**DATE:** September 3, 2024

**RE: PWO-2024-25 –Concrete Gutter and Grates Southwest Patrol**

### BACKGROUND

The Department issued a request for Tender for– Concrete Gutters and Grates Southwest Patrol. Tenders were received until 2:00 p.m., Thursday, August 27, 2024.

Quotations were received as follows:

- |   |             |
|---|-------------|
| 1. 902474 Ontario Limited (Do-All Construction)<br>Pembroke, ON | \$59,280.00 |
| 2. Reiche Masonary Limited,<br>Pembroke, ON                     | \$77,419.25 |

In accordance with County of Renfrew Policy GA-01 for the Procurement of Goods and Services, competitive tenders with results greater than \$25,000 and up to \$75,000 require approval from the Director of Public Works.

Procurement of the services included in this tender, followed the requirements set out in Policy GA-01 – Procurement of Goods and Services.

### FINANCIAL IMPLICATIONS

The total cost for this contract is \$59,280.00 plus HST, the amount budgeted for the 2024 Concrete Gutter and Grates Southwest Patrol is \$60,000.00. Staff confirms that there are sufficient funds in the 2024 Departmental Budget to complete the contract as tendered.

### RECOMMENDATION

THAT the tender submitted by, Do-All Construction, Pembroke Ontario for the supply of Concrete Gutters and Grates Southwest Patrol–in the amount of \$59,280.00 plus HST, be approved AND FURTHER THAT a Executed Contract be issued.

Recommended by:



Richard J. Bolduc, A.Sc.T.  
Manager of Operations

Approved by:

for   
Lee Perkins, MBA, C.E.T. Taylor Hansrath (Acting)  
Director of Public Works & Engineering

## MEMORANDUM

**TO:** Lee Perkins, MBA, C.E.T., Director of Public Works

**FROM:** Richard J. Bolduc, A.Sc.T. Manager of Operations

**DATE:** September 3, 2024

**RE: PWO-2024-26 –Concrete Gutter and Grates Cobden**

### BACKGROUND

The Department issued a request for Tender for– Concrete Gutters and Grates Cobden. Tenders were received until 2:00 p.m., Thursday, August 27, 2024.

Quotations were received as follows:

- |   |             |
|---|-------------|
| 1. 902474 Ontario Limited (Do-All Construction)<br>Pembroke, ON | \$52,299.00 |
| 2. Reiche Masonary Limited,<br>Pembroke, ON                     | \$62,903.10 |

In accordance with County of Renfrew Policy GA-01 for the Procurement of Goods and Services, competitive tenders with results greater than \$25,000 and up to \$75,000 require approval from the Director of Public Works.

Procurement of the services included in this tender, followed the requirements set out in Policy GA-01 – Procurement of Goods and Services.

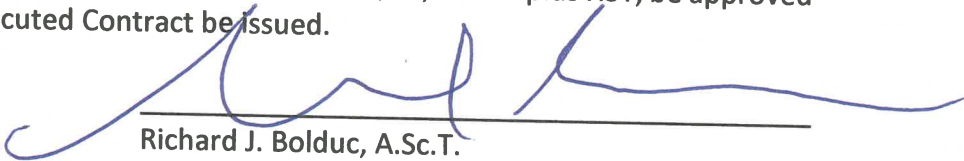
### FINANCIAL IMPLICATIONS

The total cost for this contract is \$52,299.00 plus HST, the amount budgeted for the 2024 Concrete Gutter and Grates Cobden is \$50,000.00. Staff confirms that there are sufficient funds in the 2024 Departmental Budget to complete the contract as tendered.

### RECOMMENDATION


THAT the tender submitted by, Do-All Construction, Pembroke Ontario for the supply of Concrete Gutters and Grates Cobden–in the amount of \$52,299.00 plus HST, be approved AND FURTHER THAT a Executed Contract be issued.

Recommended by:



Richard J. Bolduc, A.Sc.T.  
Manager of Operations

Approved by:



for Lee Perkins, MBA, C.E.T. Taylor Hancock (Acting)  
Director of Public Works & Engineering



**COUNTY OF RENFREW**

**BY-LAW NUMBER**

**A BY-LAW FOR THE EXECUTION OF CONTRACT PWO-2024-05  
SUPPLY AND DELIVERY OF ONE TANDEM TRUCK AND PLOW UNIT**

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WHEREAS the *Municipal Act, 2001, S.O. 2001, c.25, as amended*, requires a municipality to adopt policies with respect to the procurement of goods and services;

AND WHEREAS public tenders were requested for the supply and delivery of one tandem truck and plow unit, under Contract PWO-2024-05 in accordance with County of Renfrew Corporate Policy GA-01, Procurement of Goods and Services;

AND WHEREAS the tender submitted by Viking Cives Limited, Mount Forest, Ontario, was reviewed and accepted by the Operations Committee.

NOW THEREFORE the Council of the Corporation of the County of Renfrew hereby enacts:

1. THAT the Council of the County of Renfrew approve the awarding of Contract PWO-2024-05 for the supply and delivery of one tandem truck and plow unit as submitted by Viking Cives Limited, Mount Forest, Ontario, in the amount of \$451,130, plus applicable taxes.
2. THAT the Warden and Clerk be empowered to do and execute all things, papers and documents necessary for the execution of the said contract.
3. THAT this By-law shall come into force and take effect upon the passing thereof.

READ a first time this 30th day of October, 2024.

READ a second time this 30th day of October, 2024.

READ a third time and finally passed this 30th day of October, 2024.

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PETER EMON, WARDEN

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GWEN DOMBROSKI, CLERK

**COUNTY OF RENFREW**

**BY-LAW NUMBER**

**A BY-LAW TO AUTHORIZE EXECUTION THE EXTENSION OF CONTRACT NO. PWO-2016-01  
FOR THE SUPPLY AND DELIVERY OF BULK COURSE HIGHWAY SALT**

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WHEREAS the *Municipal Act, 2001, S.O. 2001, c25, as amended*, requires a municipality to adopt policies with respect to the procurement of goods and services;

AND WHEREAS a contract with Windsor Salt Limited, Mississauga, Ontario formerly known as The Canadian Salt Company, has been in place since 2016. This contract has been amended with new rates and terms in accordance with County of Renfrew Policy GA-01, Procurement of Goods and Services;

AND WHEREAS the amended contract submitted by Windsor Salt Limited, Mississauga, Ontario was reviewed and accepted by the Operations Committee.

NOW THEREFORE the Council of the Corporation of the County of Renfrew hereby enacts:

1. THAT the Council of the County of Renfrew approve of the amendment of this contract, for a five-year term from June 1, 2025 until May 31, 2030, as submitted by Windsor Salt Limited, Mississauga, Ontario.
2. THAT the Warden and Clerk be empowered to do and execute all things, papers and documents necessary for the execution of the said Contract.
3. THAT By-laws 28-16 and 10-20 be hereby repealed.
4. THAT this By-law shall come into force and take effect upon the passing thereof.

READ a first time this 30th day of October, 2024.

READ a second time this 30th day of October, 2024.

READ a third time this 30th day of October, 2024.

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PETER EMON, WARDEN

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GWEN DOMBROSKI, CLERK