



OPERATIONS COMMITTEE

Tuesday, October 12, 2021

An electronic meeting of the Operations Committee was held on Tuesday, October 12, 2021 at 9:30 a.m.

Present were:

- Chair Tom Peckett
- Warden Debbie Robinson
- Vice-Chair David Bennett
- Councillor Brian Hunt
- Councillor Sheldon Keller
- Councillor Daniel Lynch
- Councillor Janice Tiedje

Staff Present:

- Paul Moreau, Chief Administrative Officer/Clerk
- Lee Perkins, Director of Public Works and Engineering
- Jeffrey Foss, Director of Corporate Services
- Craig Kelley, Director of Development and Property
- Taylor Hanrath, Acting Manager of Infrastructure
- Rosalyn Gruntz, Deputy Clerk
- Evelyn VanStarkenburg, Administrative Assistant

Chair Peckett called the meeting to order at 9:30 a.m. The Chair recited the land acknowledgement, identifying that the meeting was being held on the traditional territory of the Algonquin People. The roll was called, and no pecuniary interests were disclosed.

RESOLUTION NO. OP-C-21-10-123

Moved by Councillor Lynch

Seconded by Councillor Hunt

THAT the minutes of the September 14, 2021 meeting be approved. CARRIED.

Public Works and Engineering

Mr. Perkins overviewed the Public Works and Engineering Department Report which is attached as Appendix A.

Mr. Perkins provided an overview of the proposed Cost Sharing Policy which is attached as Appendix B. Committee was advised that the responsibility for obtaining the engineering design would be the County of Renfrew and cost shared between the County and the Municipality. Mr. Perkins advised Committee that the proposed Cost Sharing Policy follows the strategic goals for the County of Renfrew to ensure that the County will get its fair share from the Provincial and Federal governments through grant opportunities and the proposed cost sharing module provides fairness to all the local municipalities.

RESOLUTION NO. OP-C-21-10-124

Moved by Councillor Lynch

Seconded by Councillor Tiedje

THAT staff be directed to develop and finalize the Cost Sharing Policy; AND FURTHER THAT the revised policy be brought back to Committee in February 2022 for review. CARRIED.

Councillor Tiedje vacated the meeting at 9:55 a.m.

RESOLUTION NO. OP-C-21-10-125

Moved by Councillor Hunt

Seconded by Councillor Keller

THAT the Operations Committee recommend that County Council pass a By-law to adopt Public Works and Engineering Corporate Policy PW-16 Renaming of County Roads. CARRIED.

Councillor Tiedje re-entered the meeting at 10:01 a.m.

Infrastructure Division

Mr. Hanrath overviewed the Infrastructure Division Report, which is part of the Public Works and Engineering Department Report.

Committee was advised that as part of the Cultural Heritage Evaluation Report to be completed for Structure B057 (Mount St. Patrick Bridge), residents would be consulted on the proposed design alternatives.

Committee was advised that staff are not recommending reallocating the section of County Road 508 from County Road 34 (Norton Road) to Mill Street in 2022 as this would have a cascading negative impact on County Road 65 (Centennial Lake Road) which has a lesser Pavement Condition Index (PCI) and is considered higher priority due to condition of the road. Staff was directed to include this information for County Council.

RESOLUTION NO. OP-C-21-10-126

Moved by Councillor Lynch

Seconded by Councillor Hunt

THAT the Operations Committee approve the award of Proposal PWC-2021-66 as submitted by J.L. Richards & Associates Limited, Ottawa, Ontario, for Engineering Services for the Detailed Condition Survey and Rehabilitation Study for Six Bridges in the amount of \$108,355 plus HST; AND FURTHER THAT a Consultant Agreement be executed for the assignment. CARRIED.

Councillor Tiedje vacated the meeting at 10:19 a.m.

RESOLUTION NO. OP-C-21-10-127

Moved by Councillor Bennett

Seconded by Councillor Lynch

THAT the Operations Committee recommend that County Council pass a By-law to close County Road 63 (Miller/Anderson Road) at the intersection with Highway 17 to be enacted upon completion of the Highway 17 expansion project in this area. CARRIED.

Consultation will occur with Chief Nolan, Director of Emergency Services on whether the closure of the County Road 63 (Miller Road/Anderson Road) intersection at Kings Highway 17 will have an impact on emergency routes.

RESOLUTION NO. OP-C-21-10-128

Moved by Warden Robinson

Seconded by Councillor Keller

THAT the Operations Committee recommend that County Council pass two separate By-laws designating the following locations as Pedestrian Crossings:

- a) County Road 20 (Bruce Street) at Raglan Street North; and,
- b) County Road 52 (Raglan Street South) at Barnet Boulevard. CARRIED.

Operations Division

Mr. Perkins overviewed the Operations Division Report, which is part of the Public Works and Engineering Department Report.

Discussion occurred on the manufacturing shortage of fleets and the impact this is having with the County and the local municipalities. Staff noted that with the cancellation of the 2021 tender for four trucks, staff will be looking to tender for seven trucks in 2022.

Councillor Tiedje re-entered the meeting 10:31 a.m.

Staff advised they will review with the Director of Corporate Services the implications on the 2021 and 2022 budgets if staff retender for seven light duty trucks this fall and if necessary, will coordinate a special meeting of Operations Committee prior to County Council.

RESOLUTION NO. OP-C-21-10-129

Moved by Councillor Tiedje

Seconded by Councillor Bennett

THAT the Public Works and Engineering Department Report attached as Appendix A be approved. CARRIED.

New Business

Active Transportation – Township of Killaloe, Hagarty and Richards

The Township of Killaloe, Hagarty and Richards is considering making a request to the County of Renfrew to include bicycle lanes along County Roads within their municipality. Staff advised that as part of the County's commitment to Active Transportation, the Public Works and Engineering Department has a Policy that states hardened shoulders will be added to County Roads, if they can be

accommodated, during road rehabilitation and funds are set aside annually in the Public Works budget for Active Transportation.

RESOLUTION NO. OP-C-21-10-130

Moved by Councillor Tiedje

Seconded by Councillor Bennett

BE IT RESOLVED THAT the Operations Committee move into a closed meeting pursuant to Section 239 of the Municipal Act, 2001, as amended for advice that is subject to solicitor-client privilege, including communications necessary for that purpose (County Road 1 (River Road) Rehabilitation): Time: 10:47 a.m. CARRIED.

RESOLUTION NO. OP-C-21-10-131

Moved by Councillor Tiedje

Seconded by Warden Robinson

THAT this meeting resume as an open meeting. Time: 10:56 a.m. CARRIED.

RESOLUTION NO. OP-C-21-10-132

Moved by Councillor Tiedje

Seconded by Councillor Hunt

THAT this meeting adjourn and the next regular meeting be held on November 8, 2021. Time: 10:58 a.m. CARRIED.

COUNTY OF RENFREW

PUBLIC WORKS AND ENGINEERING DEPARTMENT REPORT

TO: Operations Committee

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

DATE: October 12, 2021

SUBJECT: Department Report

INFORMATION

1. **Monthly Project Status Report [Strategic Plan Goal No. 3]**

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

2. **Capital Program Variance Report [Strategic Plan Goal No. 3]**

Attached as Appendix II is the Capital Program Variance Report.

RESOLUTIONS

3. **Cost Sharing Policy**

Recommendation: THAT staff be directed to develop and finalize the cost sharing policy; AND FURTHER THAT the revised policy be brought back to Committee in February 2022 for review.

Background

At the May Operations Committee meeting, staff were directed to review the policy positions of other upper tier municipalities with respect to growth and the upper and lower tier responsibilities for this growth management and provide a draft policy for review in June. Four options were sent out for review to the local Municipalities and from the responses that were received staff incorporated the comments received into the

revised policy which is attached as Appendix III. The Director has a short presentation to share with Committee.

BY-LAWS

4. Policy PW-16 Renaming of County Roads [Strategic Plan Goal No. 1]

Recommendation: THAT the Operations Committee recommend that County Council pass a By-law to adopt Public Works and Engineering Corporate Policy PW-16 Renaming of County Roads.

Background

As Committee will recall, Policy PW-16 Renaming of County Roads was tabled at the September 14, 2021 meeting of Operations Committee with a request for staff to incorporate a procedure for renaming of County Roads. Section 6 of the revised Policy indicates that any requests for renaming County Roads must first be approved by the lower tier municipality which will subsequently be reviewed by the County.

5. Infrastructure Division

Attached as Appendix IV is the Infrastructure Division Report, prepared by Mr. Taylor Hanrath, Acting Manager of Infrastructure, providing an update on activities.

6. Operations Division

Attached as Appendix V is the Operations Division Report, prepared by Mr. Richard Bolduc, Manager of Operations, providing an update on activities.

Department of Public Works & Engineering
 Capital Monthly Project Status Report - September 2021

Project Name/Municipality		Location		Lengths	Description	Status/Schedule							Comments
		From	To			Env. Assess	Survey	Design	RFP/Tender	Const. Award	Const. Start	Const. End	
ROAD RECONSTRUCTION/REHABILITATION													
20	Bruce Street	Highway 60	Urban Limit	0.48	Intersection Upgrades by Town at HWY 60	100%	100%	100%			May	October	Intersections Works - Overseen by Town of Renfrew
	Renfrew												
52	Raglan St. S	Pucker Street	Hwy 60 (Combes Street)	1.22	Reconstruction by Town	100%	100%	100%			May 31	October	Overseen by Town of Renfrew, Completed
	Renfrew												
71	Matawatchan Road	4877 Matawatchan Road	County Road 65 (Centennial Lake Rd)	3.19	Cross-Culvert Replacement	100%	100%	100%			March	March	Completed by County Patrol forces to align with lower water levels
	Greater Madawaska												
508	Calabogie Road	Hutson Road	Goshen Road	1.40	Cross-Culvert Replacement	100%	100%	100%			May	May	Completed by County Day Labour forces
	McNab/Braeside												
512	Foymount Road	County Structure B257	Miller Road	6.57	Property Purchases, Utility Relocation, & Reconstruction	100%	100%	95%					Property purchases ongoing. Close-Cut-Clearing planned once agreements in place. Utility relocations to follow.
	Bonnechere Valley												
635	Swisha Road	Highway 17	Interprovincial Bridge	2.58	Reconstruction of Drainage Crossing	100%	60%	50%	September	September	October	October	Geotech being finalized, Design-Build RFP to be released
	Laurentian Hills												
BRIDGE/CULVERT RECONSTRUCTION/REHABILITATION													
B002	Bonnechere River Bridge	Admaston/Bromley (Bonnechere Road)			Rehabilitation	100%	100%	100%	May	May	2022	2022	Eng by Stantec, Construction by Clearwater, pushed to next year
B095	Hyland Creek Bridge	Greater Madawaska (Hyland Creek Road)			Rehabilitation	100%	100%	100%	April	June	October	October	
B180	Hurds Creek Bridge	Bonnechere Valley (South Algona/Grattan Line)			Superstructure Replacement	100%	100%	100%	April	April	May 17	August	Completed
B202	Cameron Street Bridge	Killaloe, Hagarty & Richards (Cameron Street)			Superstructure Replacement	100%	100%	100%	2020	2020	April	June	Completed
B240	Fourth Chute Bridge	Bonnechere Valley (Fourth Chute Road)			Rehabilitation	100%	100%	100%	May	May	July 26	October	Eng. by Stantec, Construction by Clearwater, completed
B319	Bucholtz Bridge	Laurentian Valley (CR58, Round Lake Road)			Rehabilitation	100%	100%	100%	2022	2022	2022	2022	
C003	Moores Creek Culvert	Admaston/Bromley (CR5, Stone Road)			Repairs	100%	100%	100%			October	October	Design by HP. CoR Day Labour project.
C058	Constant Creek Culverts	Greater Madawaska (Ferguson Lake Road)			Replacement	100%	100%	100%	April	May	August	September	Internal Design, CoR Day Labour project, completed
C099	Colton Creek Bridge	Greater Madawaska (Matawatchan Road)			Replacement	100%	100%	100%	May	June	July 28	September	Design by HP, Construction by Goldie Mohr, completed
C116	Dunlop Crescent Culvert	Head, Clara & Maria (Dunlop Crescent)			Replacement	100%	100%	100%	May	June	September	September	Design by WSP, CoR Day Labour project, completed
C142	Quade Creek Culvert	North Algona Wilberforce (Burchat Road)			Replacement	100%	100%	90%	April	May	October	October	Internal Design, CoR Day Labour project
C197	Etmanskie Swamp Culvert	Madawaska Valley (CR62, John Street)			Rehabilitation	100%	100%	50%	2022	2022	2022	2022	Design by JLR, Construction pushed to 2022
C201	Broomes Creek Culvert	Whitewater (CR7, Foresters Falls Road)			Rehabilitation of Culvert & Replacement of Dam	100%	100%	60%			2023	2023	MCEA being finalized by JL Richards, Detailed Design Needed, Construction in 2023
C222	Pleasant Valley Steel Arch	Whitewater (Pleasant Valley Road)			Replacement	100%	100%	100%	February	March	July	July	Internal Design, CoR Day Labour project, completed
C252	Vanderploegs Culvert	McNab/Braeside (Russett Drive)			Rehabilitation	100%	100%	100%	March/June	August	September	October	Design by JLR, Construction by Dalcon
C300	Wolfe Road Twin Pipes	Bonnechere Valley (Wolfe Road)			Replacement	100%	100%	100%	February	March	July	July	Internal Design, CoR Day Labour project, completed
FUTURE ENGINEERING													
B005	Scollard Bridge	Admaston/Bromley (Pucker Street)			Design for Rehabilitation	10%	10%	0%	October		2022		Consultant Design
B022	Indian River Bridge	Laurentian Valley (Sandy Beach Road)			Design for Rehabilitation	10%	10%	0%	September		2022		RFP issued for design
B057	Mount St. Patrick Bridge	Greater Madawaska (Mount St. Patrick Road)			Design for Replacement	10%	10%	10%	August		2022		Design by HP Engineering
B064	Pilgrim Road Bridge	Brudenell, Lyndoch & Raglan (Pilgrim Road)			Design for Rehabilitation	10%	10%	0%	October		2022		Consultant Design
B203	Petawawa River Bridge	Petawawa (CR51, Petawawa Boulevard)			Design for Rehabilitation	10%	10%	0%	September		2022		RFP issued for design
C012	Farquharson's Culvert	Admaston/Bromley (South McNaughton Road)			Design for Replacement	10%	10%	0%	November		2022		Consultant Design
C025	Borne Road Culvert	Laurentian Valley (Borne Road)			Design for Rehabilitation	10%	10%	0%	August		2023		Design by WSP
C037	Bagot Creek Culvert	Greater Madawaska (Lower Spruce Hedge Road)			Design for Replacement	10%	10%	0%	October		2022		Consultant Design
C040	Snake River Culvert	Admaston/Bromley (CR8, Cobden Road)			Design for Rehabilitation	10%	10%	0%	November		2022		Consultant Design
C134	Campbell Drive Culvert	McNab/Braeside (Campbell Drive)			Design for Replacement	10%	10%	0%	November		2022		Consultant Design
C137	Hanson Creek Culverts	McNab/Braeside (Robertson Line)			Design for Replacement	10%	10%	0%	October		2022		RFP issued for design
C152	Wadsworth Lake Culvert	Madawaska Valley (Old Barry's Bay Road)			Design for Replacement	10%	10%	0%	October		2022		Geotech & Potential Internal Design
C269	Jacks Lake Culverts	Killaloe, Hagarty & Richards (CR58, Round Lake Road)			Design for Replacement	10%	10%	0%	November		2022		Geotech & Potential Internal Design
C302	Wingle Creek Twin Culverts	Killaloe, Hagarty & Richards (Rochfort Road)			Design for Replacement	10%	10%	0%	November		2022		Geotech & Potential Internal Design

OPERATIONS TENDERS										
Type	Description	Term (Years)	Type	Specification	Tender	Award	Start	Complete	Status/Comments	
1	Pavement Marking	Paint/Glass Beads//Lines/Symbols	1+(+1+1+1+1)	Equipment/Material	March	April	April	May	November	Ongoing
2	Street Sweeping	Winter/Debris Removal	1	Equipment	March	April	April	May	June	Complete
3	Catch Basin/MH Hole Cleaning	Winter/Debris Removal	1	Equipment	March	April	April	May	June	Complete
4	Roadside Brushing	Tree/Brush Removal	1	Equipment	May	June	June	July	November	Complete
5	Sign Post Tender	Sign Installation Hardware	1	Material	March	April	April	June	June	Complete
6	Weed Control	Wild Parsnip/Poison Ivy	5	Equipment/Material	Complete	2019	2019	July	July	Complete
7	Signs & Traffic Control Equipment	Road Signage	1	Material	May	April	April	June	July	Complete
8	Winter Sand	Winter Abrasives	1	Supply/Delivery/Process	June	July	August	August	November	Testing/ Delivery
9	Loader Rental	Winter Operations	1	Equipment	July	September	October	November	April	Ongoing
10	Culverts	Drainage	1	CSP/HDPE	February	March	April	May	November	Complete
11	Equipment Rental	Construction Equipment	1	Various	January	February	March	March	November	Complete
12	Fuel	Diesel/Gas/Coloured Diesel	1	Materials	Contract	Renewal	August	August	August	Complete
13	AVL Service Renewal	Automatic Vehicle Location	10	Application/Network/Data	May	2020	2020	June	2030	Complete
14	Shouldering	Granular/Sealing	1	Material/Installation	June	July	August	September	September	Complete
15	Calcium Chloride	Winter Operations	1	Material	July	July	July	August	September	Complete
16	Crack Sealing	Pavement Preservation	1	Material/Installation	July	August	September	September	October	Ongoing
17	Curb Repair	Preservation	1	Material/Repair	July	August	September	September	October	Ongoing

EQUIPMENT TENDERS										
Tender	Description	Quantity	Type	Specification	Tender	Award	Delivery	Status/Comments		
1	HDT (Heavy Duty Truck)	Combination Plow/Spreader	1	Replace	March	April	November	Awaiting Delivery		
2	LDT (Light Duty Truck(s))	(3-1/2 ton & 1-3/4 ton 4WD)	4	Replace	March	April	November	2021 Cancelled		
3	HDT (Heavy Duty Truck)	Water Truck	1	Replace	February	May	November	Awaiting Delivery		
4	Mower Attachment	Tractor Mounted	1	Replace	March	April	August	Complete		
5	Tag Along Float	30 Ton	1	Replace	March	March	December	Awaiting Delivery		
6	Service Vehicle	PW Operations	1	New	March	April	November	Awaiting Delivery		
7	Service Vehicle	PW - ES	1	New	March	April	December	Awaiting Delivery		
8	Equipment Refurbishment(s)	As per Spring Inspection	Varies	Existing	March	April	October	Ongoing		
9	AVL (Automatic Vehicle Location)	AVL/Telematics	Varies	New	May	June	November	Complete		
10	Retroreflectometer		1	Replace	April	April	September	Complete		

HOUSING										
Tender	Location	Type	Type	Design	Tender	Award	Start	Complete	Status/Comments	
1	Repair - Salt Storage Dome	Southwest Patrol	Construct	Rehabilitation	2020	March	April	June	September	Completed

ROAD MAINTENANCE AGREEMENTS/FACILITY AGREEMENTS										
Service Provider	Location	Year	Type	Start	Complete	Term	Status/Comments			
1	Town of Arnprior	County Road 1, County Road 2	Winter Road Maintenance	2021	2022	1	Complete			
2	Town of Deep River	County Road 72, County Road 73	Winter Road Maintenance	2020	2030	10	Complete			
3	Town of Renfrew	County Road 20, County Road 52	Winter Road Maintenance	2019	2029	10	Complete			
4	Township of Carlo Mayo	County Road 517	Winter Road Maintenance	2021	2022	Annual	Complete			
5	Contractor	County Road 635	Winter Road Maintenance	2021	2022	Annual	Complete			
6	Algonquins of Pikwakanagan	Golden Lake	Use of facilities and materials	2017	2022	5	Complete			
7	Bonnechere Valley	Foymount	Use of facilities and materials	2017	2022	5	Complete			

Operations Division - Capital Monthly Project Status Report - September 2021
Department of Public Works & Engineering

Project Name/Municipality		Location		Lengths	Description					Comments
		From	To			RFP/Tender	Const. Award	Const. Start	Const. End	
ROAD RECONSTRUCTION/REHABILITATION										
1	River Road	Mast Road	120 metres west of Henry Crescent	1.90	Rehabilitation	March	April	June	October	
	McNab/Braeside									
1	Elgin Street West/River Road	Madawaska Street	Usborne Street	1.32	Rehabilitation	April	May	July	November	
	Arnprior & McNab/Braeside									
5	Stone Road	Berlanquet Road	1574 Stone Road	3.04	Rehabilitation	April	May	August	October	
	Admaston/Bromley									
7	Foresters Falls Road	Queens Line	225m East of Government Road	2.60	Rehabilitation	March	April	July	August	Complete
	Whitewater Region									
21	Beachburg Road	County Road 49 (Lapasse Road)	Hila Road	7.77	Rehabilitation	April	May	July	October	
	Whitewater Region									
51	Petawawa Boulevard	County Road 26 (Doran Street)	County Road 55 (Paquette Road)	1.16	Rehabilitation	March	April	June	August	Complete
	Petawawa									
52	Burnstown Road	Fraser Road	Pucker Street	4.28	Rehabilitation	March	April	June	July	Complete
	Horton									
65	Centennial Lake Road	Deer Mountain Road	Chimo Road North	4.00	Close Cut Clearing	March	March	April	November	
	Greater Madawaska									
65	Centennial Lake Road	220m East of Chimo Road South	554m West of Opal Road	4.00	Rehabilitation	March	April	May	August	Complete
	Greater Madawaska									
67	Simpson Pit Road	Byers Creek Road	250m North of Buckhill Road	2.60	Rehabilitation	March	April	September	October	
	Killaloe, Hagarty and Richards									
Various	Scratchcoat	Various Locations	Various Locations	11.30	Scratch Coat Paving	May	June	July	September	Complete
	Various Locations									

2021 CAPITAL PROGRAM - ROADS/BRIDGES

Road Reconstruction/Rehabilitation

Note: Limits and Length of projects are approximate and subject to revision based on final design and budgets

Road No.	Location	From	To	Length (km)	2021 BUDGET	September Projected	October Projected	Variance	Carry Over
1	Elgin Street West <i>Arnprior & McNab/Braeside</i>	Madawaska & Elgin	Usborne Street	1.32	890,609	870,000	870,000	-20,609	0
1	River Road <i>McNab/Braeside</i>	Mast Road	Henry Crescent	1.83	600,240	885,241	885,241	285,001	0
5	Stone Road <i>Admaston/Bromley</i>	Berlanquet Road	1574 Stone Road	3.36	1,168,736	765,000	765,000	-403,736	0
7	Foresters Falls Road <i>Whitewater Region</i>	County Road 4 (Queens Line)	Harriet Street	2.74	672,836	705,133	705,133	32,297	0
20	Bruce Street <i>Renfrew</i>	Highway 60	Urban Limit	0.48	60,000	60,000	60,000	0	0
21	Beachburg Road <i>Whitewater Region</i>	County Road 49 (Lapasse Road)	Hila Road	7.77	474,009	695,000	695,000	220,991	0
51	Petawawa Boulevard <i>Petawawa</i>	County Road 26 (Doran Street)	Military Camp Road	0.98	800,000	650,000	650,000	-150,000	0
52	Burnstown Road <i>Horton</i>	Fraser Road	Graham Avenue	4.90	986,840	580,000	580,000	-406,840	0
52	Raglan St. S <i>Renfrew</i>	Graham Avenue	Hwy 60 (Combes Street)	1.22	557,217	557,217	557,217	0	0
65	Centennial Lake Road <i>Greater Madawaska</i>	Deer Mountain Road	Chimo Road North	4.10	1,078,300	1,142,652	1,142,652	64,352	0
67	Simpson Pit Road <i>Killaloe, Hagarty and Richards</i>	Byers Creek Road	Buck Hill Road	2.45	921,200	540,000	540,000	-381,200	0
71	Matawatchan Road <i>Greater Madawaska</i>	4877 Matawatchan Road	County Road 65 (Centennial Lake Rd)	3.19	100,000	75,000	75,000	-25,000	0
508	Calabogie Road <i>McNab/Braeside</i>	Hutson Road	Goshen Road	1.40	50,000	80,000	80,000	30,000	0
512	Foymount Road <i>Bonnechere Valley</i>	County Structure B257	Miller Road	6.57	3,039,300	1,400,000	1,400,000	-1,639,300	1,639,300
635	Swisha Road <i>Laurentian Hills</i>	Highway 17	Interprovincial Bridge S Exp. Joint	2.58	100,000	100,000	100,000	0	0
	Scratch Coat Paving	Various Locations			716,431	716,431	716,431	0	0
	Active Transportation	Various Locations			150,000	150,000	150,000	0	0
ROAD RECONSTRUCTION/REHABILITATION TOTALS				44.89	12,365,718	9,971,674	9,971,674	-2,394,044	1,639,300
Bridge/Culvert Reconstruction/Rehabilitation									
Structure No.	Structure Name	Location			2021 BUDGET	September Projected	October Projected	Variance	Carry Over
B002	Bonnechere River Bridge	Admaston/Bromley (Bonnechere Road)			400,000	400,000	400,000	0	0
B095	Hyland Creek Bridge	Greater Madawaska (Hyland Creek Road)			200,000	200,000	200,000	0	0
B180	Hurds Creek Bridge	Bonnechere Valley (South Algona/Grattan Line)			850,000	540,000	540,000	-310,000	0
B202	Cameron Street Bridge	Killaloe, Hagarty and Richards (Cameron Street)			170,000	178,000	178,000	8,000	0
B240	Fourth Chute Bridge	Bonnechere Valley (Fourth Chute Road)			400,000	770,000	770,000	370,000	0
B319	Bucholtz Bridge	Laurentian Valley (CR58, Round Lake Road)			432,000	70,000	70,000	-362,000	362,000
C003	Moores Creek Culvert	Admaston/Bromley (CR5, Stone Road)			50,000	50,000	50,000	0	0
C058	Constant Creek Culverts	Greater Madawaska (Ferguson Lake Road)			715,000	800,000	800,000	85,000	0
C099	Colton Creek Bridge	Greater Madawaska (Matawatchan Road)			280,000	748,685	748,685	468,685	0
C116	Dunlop Crescent Culvert	Head, Clara & Maria (Dunlop Crescent)			400,000	405,000	405,000	5,000	0
C142	Quade Creek Culvert	North Algona Wilberforce (Burchat Road)			225,000	225,000	225,000	0	0
C197	Etmanskei Swamp Culvert	Madawaska Valley (CR62, John Street)			300,000	60,000	60,000	-240,000	240,000
C201	Broomes Creek Culvert	Whitewater (CR7, Foresters Falls Road)			1,000,000	200,000	200,000	-800,000	800,000
C222	Pleasant Valley Steel Arch	Whitewater (Pleasant Valley Road)			200,000	200,000	200,000	0	0
C252	Vanderploegs Culvert	McNab/Braeside (Russett Drive)			200,000	200,000	200,000	0	0
C300	Wolfe Road Twin Pipes	Bonnechere Valley (Wolfe Road)			200,000	200,000	200,000	0	0
	General Bridge Repairs	Various Locations			200,000	200,000	200,000	0	0
BRIDGE/CULVERT RECONSTRUCTION/REHABILITATION TOTALS					6,222,000	5,446,685	5,446,685	-775,315	1,402,000
Roads/Bridge/Culvert Future Engineering									
Asset ID	Structure Name	Location			2021 BUDGET	September Projected	October Projected	Variance	Carry Over
B005	Scollard Bridge	Admaston/Bromley (Pucker Street)			40,000	40,000	40,000	0	0
B022	Indian River Bridge	Laurentian Valley (Sandy Beach Road)			100,000	100,000	100,000	0	0
B057	Mount St. Patrick Bridge	Greater Madawaska (Mount St. Patrick Road)			60,000	85,000	85,000	25,000	0
B064	Pilgrim Road Bridge	Brudenell, Lyndoch & Raglan (Pilgrim Road)			20,000	20,000	20,000	0	0
B203	Petawawa River Bridge	Petawawa (CR51, Petawawa Boulevard)			130,000	130,000	130,000	0	0
C012	Farquharson's Culvert	Admaston/Bromley (South McNaughton Road)			15,000	15,000	15,000	0	0
C025	Borne Road Culvert	Laurentian Valley (Borne Road)			30,000	30,000	66,000	36,000	0
C037	Bagot Creek Culvert	Greater Madawaska (Lower Spruce Hedge Road)			38,000	38,000	38,000	0	0
C040	Snake River Culvert	Admaston/Bromley (CR8, Cobden Road)			12,000	12,000	12,000	0	0
C134	Campbell Drive Culvert	McNab/Braeside (Campbell Drive)			65,000	65,000	65,000	0	0
C137	Hanson Creek Culverts	McNab/Braeside (Robertson Line)			18,000	18,000	18,000	0	0
C152	Wadsworth Lake Culvert	Madawaska Valley (Old Barry's Bay Road)			28,000	28,000	28,000	0	0
C269	Jacks Lake Culverts	Killaloe, Hagarty & Richards (CR58, Round Lake Road)			20,000	20,000	20,000	0	0
C302	Wingle Creek Twin Culverts	Killaloe, Hagarty & Richards (Rochfort Road)			20,000	20,000	20,000	0	0
FUTURE ENGINEERING TOTALS					596,000	621,000	657,000	61,000	0
Safety Devices									
	Traffic Signals - Upgrades	Various Locations			200,000	200,000	200,000	0	0
SAFETY DEVICES TOTALS					200,000	200,000	200,000	0	0
CAPITAL PROGRAM TOTAL					19,383,718	16,239,359	16,275,359	-3,108,359	3,041,300

CORPORATE POLICIES AND PROCEDURES			
SECTION: Public Works and Engineering Department			POLICY #: PW-XX
POLICY: Cost Sharing with Local Municipalities			
DATE: October 2021	REV. DATE: -----	COVERAGE: All Areas of the County	PAGE #: 1 of 5

POLICY STATEMENT

County roads provide a road network for traffic other than local trips and provide a level of service somewhat lower than the King's highway system but higher than local roads. These roads form a critical part of both local and County road infrastructure. From time to time, the local municipality may deem that the current County road infrastructure is no longer adequate. Often, these requests are the result of growth within a community or driven by local community improvements. In these situations, the local municipality shall share in the cost of work items, where it has been identified that the current structures are no longer meeting the needs of the community.

PROCEDURE

PART A: Where works are required on County roads where the road has been deemed to be deficient.

1. The County shall be responsible for:
 - a) The construction of an urban cross-section up to the minimum "Geometric Design Standards for Undivided Urban Roads in Ontario" (i.e. two driving and one parking lane), but in no case less than the centre 7.0 m of any County road in an urban area.
 - b) The construction of curbs and gutters.
 - c) The construction of the paved boulevard between curb and sidewalk to a maximum of 0.5 m width.
 - d) The construction of catchbasins and the portion of storm sewers required to drain the County road. (In no case will the County drain land more than 25 m from the centreline of the road.)

CORPORATE POLICIES AND PROCEDURES			
SECTION: Public Works and Engineering Department			POLICY #: PW-XX
POLICY: Cost Sharing with Local Municipalities			
DATE: October 2021	REV. DATE: -----	COVERAGE: All Areas of the County	PAGE #: 2 of 5

- e) The construction of a full rural section within any urban area.
 - f) The remaining costs of those works covered by Section 5, requested by the local municipality, and deemed feasible and economical by the Director of Public Works and Engineering, or designate.
- 2. Land acquisition when land is required to accommodate the road section specified in 1a) shall be the responsibility of the County.
- 3. The County shall furnish the engineering plans, specifications, construction measurements, supervision and inspection as required in proportion to its own share of the cost of the works.
- 4. The County shall be responsible for utility relocation costs as outlined in the Public Service Works on Highways Act, R.S.O. 1990, c. P.49, as amended.
- 5. The local municipality shall be responsible for:
 - a) 100% of the construction of all sidewalks (Section 55 of the Municipal Act, 2001, as amended).
 - b) The construction of that portion of storm sewers over and above that required for County road drainage.
 - c) 100% of the cost of all local services, such as water or sanitary sewerage works, based on the following:

Local share % = 100% less County's Share %

County Share = $\frac{\text{Theoretical pipe diameter to accommodate CRD}}{\text{Actual pipe diameter to accommodate full drainage area}} \times 100\%$

CRD – County Road Drainage
 - d) 100% of that portion of the paved boulevard between curb and sidewalk beyond 0.5 m.

CORPORATE POLICIES AND PROCEDURES			
SECTION: Public Works and Engineering Department			POLICY #: PW-XX
POLICY: Cost Sharing with Local Municipalities			
DATE: October 2021	REV. DATE: -----	COVERAGE: All Areas of the County	PAGE #: 3 of 5

- e) Land acquisition when required to accommodate road elements beyond that specified in Section 1).
 - f) 50% of the construction of additional parking lanes.
 - g) 100% of the construction of paved shoulders whether behind curbs and/or gutters or not.
 - h) Engineering in proportion with the cost of its share of the project.
 - i) There will be a 7% administration charge on County "in-house" (but not contracted) work.
6. The County shall enter into an agreement for any proposed reconstruction (under the auspices of Section 20(1) of the Municipal Act, 2001, as amended). Costs shall be apportioned according to this policy.

PART B: Where works are requested on County roads with no identified critical structural deficiencies

7. After reconstruction with a rural cross section (raised road, shoulders and ditches) some County roads have suffered ribbon development. The owners in the ribbon from time to time demand urban type services. An urban cross section costs 300% of a rural cross section to build, and 175% to maintain. Often, "urbanizing" a rural cross section is difficult (sufficient outlet depth for proper storm sewers, sufficient grade to accommodate drainage along the road, an elevation of the road above the surrounding lands, etc.).
8. Should "urbanizing" be requested and deemed possible by the Director of Public Works and Engineering, or designate, the project will be designed, the design approved by the County and an estimate prepared. An agreement (under the auspices of Section 20(1) of the Municipal Act, 2001, as amended) will be prepared and the information forwarded to the affected local municipality.

CORPORATE POLICIES AND PROCEDURES			
SECTION: Public Works and Engineering Department			POLICY #: PW-XX
POLICY: Cost Sharing with Local Municipalities			
DATE: October 2021	REV. DATE: -----	COVERAGE: All Areas of the County	PAGE #: 4 of 5

With the exception of sidewalks which are fully a local responsibility, costs to “urbanize” will be shared equally between the County and the Municipality.

The works shall be scheduled for construction when approved by Council and accommodated in the County Budget.

Contract administration and construction supervision shall be the responsibility of the County.

PART C: Maintenance

9. The County shall be responsible for the maintenance of:
 - a) The road between the curbs, including snow plowing, salting and sanding, (but not snow pickup and removal) as required.
 - b) Curbs and gutters, storm sewers and catchbasins.
 - c) Spring sweeping in urban areas.
 - d) Rural sections (including a minimum of 0.5 m of shouldering) in urban areas.
 - e) Upon 60 days notice to the local municipality, 50% of the cost of maintenance re-setting sanitary manholes and watermain chambers when work is performed by the County.
 - f) 100% of the cost of re-setting all manholes and watermain chambers in conjunction with resurfacing.
 - g) With exception to current agreements in place for maintenance along County roads in Urban Areas.
10. The local municipality shall be responsible for the maintenance of:
 - a) Sidewalks, including snow removal.

CORPORATE POLICIES AND PROCEDURES			
SECTION: Public Works and Engineering Department			POLICY #: PW-XX
POLICY: Cost Sharing with Local Municipalities			
DATE: October 2021	REV. DATE: -----	COVERAGE: All Areas of the County	PAGE #: 5 of 5

- b) The loading and removal of snow from parking lanes (after the County plowing), as required.
 - c) Sanitary sewers and water works including full restoration of road cuts to County standards and the resetting of manholes when not covered by Section 9e).
 - d) Paved shoulders beyond curbs and/or gutters.
11. County Council may, if deemed advisable, make exceptions to this policy, provided the exemptions do not alter the County-wide application of the policy.

COUNTY OF RENFREW

BY-LAW NUMBER

**A BY-LAW TO ESTABLISH POLICY PW-16 – RENAMING OF COUNTY ROADS FOR
THE MUNICIPAL ROAD SYSTEM WITHIN THE JURISDICTION OF THE
CORPORATION OF THE COUNTY OF RENFREW**

WHEREAS Section 11(3) the Municipal Act, S.O. 2001, as amended, authorizes Council to pass by-laws regarding highways under the jurisdiction of the Corporation;

AND WHEREAS the Corporation desires to implement a Policy regarding the Renaming of County Roads within the jurisdiction of the Corporation.

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

1. That Public Works and Engineering Department Policy PW-16 Renaming of County Roads, as outlined in Schedule “A” attached to and made part of this By-law, shall form part of the Public Works and Engineering Department Policies and Procedures of the Corporation of the County of Renfrew.
2. That this By-law shall not be interpreted to contradict or violate any statute or regulation of the Province of Ontario.
3. That this By-law shall come into force and take effect immediately upon the passing thereof.

READ a first time this 27th day of October, 2021.

READ a second time this 27th day of October, 2021.

READ a third time and finally passed this 27th day of October, 2021.

DEBBIE ROBINSON, WARDEN

PAUL V. MOREAU, CLERK

Corporate Policies & Procedures							
SECTION: Operations		AUTHOR: Director of Public Works and Engineering		POLICY #: PW-16			
POLICY: Renaming of County Roads				APPROVED:			
DATE: October 2021		REV. DATE: -----		COVERAGE: Public Works and Engineering Department		PAGE #: Page 1 of 2	

POLICY STATEMENT

The County of Renfrew as a road authority, has a need to ensure that any road naming on a County road is consistent with the Department's primary objective of providing and maintaining a safe road system.

BACKGROUND

The County of Renfrew, as the road authority having jurisdiction over County roads, may make and enforce by-laws and policies pertaining to the renaming for roads.

1. The Municipal Act, 2001, as amended in Section 11 permits a municipality to pass by-laws pertaining to the public assets of the Municipality for the purpose of exercising its authority under the Act, and to pass by-laws pertaining to highways.

DEFINITIONS

For the purposes of this policy the following definitions shall apply:

"Highway" has the same meaning as provided in the Municipal Act, 2001, Section 1 and pertains only to those highways that fall under the control and jurisdiction of the County of Renfrew.

"Road Allowance" means the land occupied by the highway.

PROCEDURES

1. Proposed road name changes shall be forwarded, by Resolution from the lower tier municipality where the County Road is located, to the County of Renfrew's Public Works and Engineering Department, detailing the background and potential changes to the assigned civic addresses.

Corporate Policies & Procedures							
SECTION: Operations		AUTHOR: Director of Public Works and Engineering		POLICY #: PW-16			
POLICY: Renaming of County Roads				APPROVED:			
DATE: October 2021		REV. DATE: -----		COVERAGE: Public Works and Engineering Department		PAGE #: Page 2 of 2	

2. It is absolutely essential that there be no duplication of civic addresses throughout the County of Renfrew to maintain the integrity of the 9-1-1 system. To avoid road name duplication, all proposed new road names are forwarded to the County of Renfrew, Public Works and Engineering Department to be checked against the County Road Name Registry.
3. Proposed changes and supporting documentation are brought to Operations Committee for further discussion with a recommendation to County Council.
4. Once approved by County Council, an “Effective Date” will be established that will provide enough time for municipal, County and emergency service staff to implement the required database and mapping revisions. This date would coincide with the installation of property identification number (PIN) signs and intersection signs.
5. County staff will forward by e-mail and mail a copy of the complete By-law to the lower tier municipality along with any Intersection or PIN Sign orders that are necessary as a result of the changes. The County of Renfrew, Sign Shop will give top priority to all signs that are required for address changes.
6. Should the County of Renfrew wish to rename a County road it must first get approval from the lower tier municipality in which the road is located. Should the lower tier municipality support the County’s decision to proceed with the renaming of a road, the County of Renfrew will consult with residents/businesses with property along the roadway.

APPROVALS

7. The installation of new road signage on County roads shall be approved by the Operations Committee and authorized by the passing of a By-law by County Council.

INFRASTRUCTURE DIVISION REPORT

Prepared By: Taylor Hanrath, Acting Manager of Infrastructure

Prepared for: Operations Committee

October 12, 2021

INFORMATION

1. Project Updates [Strategic Plan Goal No. 2]

a) C116 (Dunlop Crescent Culvert) Replacement

Replacement of Dunlop Crescent Culvert was completed October 8, 2021. The design for this project was completed by WSP Canada. Construction for the project has been undertaken by the County's Day Labour forces, under the guidance of Construction Supervisor, Daryl Cybulski. Attached as Appendix IN-I is a photo of the construction site while installation was being completed.

b) B002 (Bonnechere River Bridge) Rehabilitation

The rehabilitation of Bonnechere River Bridge was originally anticipated to commence on August 16, 2021; however, the original concrete mix design for the concrete deck did not pass shrinkage requirements on the test slab. The Contractor, Clearwater Structures, and the Design/Contract Administration Consultant, Stantec Consulting, are continuing to adjust the mix design to meet the needs of the new deck top. As colder temperatures can be detrimental to a thin concrete overlay, and the concrete mix design has not been finalized, this project has been postponed until early 2022. The Contractor has advised in writing that their unit rates will be held for the 2022 works.

c) B057 (Mount St. Patrick Bridge) Design

HP Engineering Incorporated has completed initial site investigations for the structure and confirmed that the existing abutments are in good condition and will support a superstructure replacement. As this structure is considered a low volume road, with an estimated annual average daily traffic (AADT) of 216, a single lane structure is a viable design alternative. Due to the geometric constraints on site (with houses on three corners of the structure), the existing approach roadway geometry, and the added costs associated with two laning, the

Consultant has recommended a single lane structure be maintained on site.

A preliminary review has been completed by the Consultant comparing four design alternatives and their estimated costs for the bridge:

- Superstructure Replacement – similar to existing - \$850,000;
- Superstructure Replacement – reinforced concrete - \$750,000;
- Superstructure Replacement – modular steel - \$650,000;
- Full Replacement - \$1,200,000.

In consideration of the above, staff has requested the Consultant proceed with design for superstructure replacement. Due to the age and unique aesthetic nature of the structure, the findings of a Cultural Heritage Evaluation Report will dictate which superstructure replacement alternative described above is required.

2. Asset Management Plan – County Road 508 [Strategic Plan Goal No. 2]

At the September meeting of Operations Committee, a request was made to reallocate section 5081255 (County Road 34 (Norton Road) to Mill Street) on County Road 508 (Calabogie Road) from 2023 to 2022 in the Asset Management Plan. Staff have reviewed this request and recommend that it remain as part of the 2023 Capital Plan as there is no safety risk or imminent failure anticipated based on the condition of this section. There is potential savings and a limiting of disturbance to the area that could be realized by making this change. However, this justification could be applied to most any multi-year phased road construction project, of which there are multiple within the Asset Management Plan and these changes would have a greater overall negative impact on the plan as prioritized works within the plan could be unnecessarily pushed or moved within it should similar requests be approved in the future.

RESOLUTIONS

3. Engineering Services for Detailed Condition Survey and Rehabilitation Study for Six Bridges [Strategic Plan Goal No. 2]

Recommendation: THAT the Operations Committee approve the award of Proposal PWC-2021-66 as submitted by J.L. Richards & Associates Limited,

Ottawa, Ontario, for Engineering Services for the Detailed Condition Survey and Rehabilitation Study for Six Bridges in the amount of \$108,355 plus HST; AND FURTHER THAT a Consultant Agreement be executed for the assignment.

Background

A Request for Proposals (RFP), including terms of reference, was issued to prequalified Consultant Firms to solicit services to complete a Detailed Condition Survey (DCS) and Rehabilitation Study for the following six County Structures:

- B033 (Springtown Bridge);
- B044 (Douglas Bridge);
- B055 (Mountain Chute Bridge);
- B106 (Turners Bridge);
- B123 (Burnstown Bridge); and
- B310 (Ski Hill Bridge).

Each of the above bridges were recommended for DCS during recent biennial Ontario Structure Inspection Manual (OSIM) inspections and have rehabilitation planned in the County's Asset Management Plan between 2023 and 2026. The completion of the DCS and Rehabilitation Study will identify anticipated needs ahead of design for the projects, establish estimated budgetary requirements for each structure, and identify any additional investigations that may be required to establish the most beneficial design alternative for each structure.

Proposals were received as follows:

1. J.L. Richards & Associates Limited, Ottawa ON	\$108,355.00
2. WSP Canada Incorporated, Ottawa ON	\$149,699.00
3. HP Engineering Incorporated, Ottawa ON	\$139,136.50
4. AECOM Canada Limited, Ottawa ON	\$130,419.00

All amounts exclude applicable taxes

The Proposals were evaluated on a range of criteria including understanding of the assignment, capabilities of the project team, previous experience on assignments of a similar nature, schedule, and cost. The Proposal submitted by J.L. Richards & Associates (JLR) was evaluated as the best combination of all factors considered. In addition to being the lowest cost proposed, JLR's proposal demonstrated a very

detailed understanding of the assignment, a very capable and experienced project team, and a schedule that met expected timelines for the assignment.

Staff confirm that there are sufficient funds allocated under the Infrastructure Management budget to complete the project as proposed. Procurement of the services included in this RFP followed the requirements set out in Corporate Policy GA-01 – Procurement of Goods and Services.

BY-LAWS

4. Closure of County Road 63 at Highway 17

Recommendation: THAT the Operations Committee recommend that County Council pass a By-law to close County Road 63 (Miller/Anderson Road) at the intersection with Highway 17 to be enacted upon completion of the Highway 17 expansion project in this area.

Background

Attached as Appendix IN-II is a letter received from the Ministry of Transportation (MTO) requesting the County of Renfrew adopt by By-law closing County Road 63 (Miller/Anderson Road) at the intersection with Highway 17. Director of Public Works and Engineering, Lee Perkins, and Acting Manager of Infrastructure, Taylor Hanrath, met with MTO staff to discuss the closure, the realignment of the Miller Road portion of County Road 63 to intersect with County Road 54 (McLean Drive), and the construction of a cul-du-sac at the end of the Anderson Road section of County Road 63. MTO staff are to continue to keep the County reprimed on the schedule and approval of works associated with this project going forward.

5. Pedestrian Crossings – Town of Renfrew [Strategic Plan Goal No. 2]

Recommendation: THAT the Operations Committee recommend that County Council pass two separate By-laws designating the following locations as Pedestrian Crossings:

- a) County Road 20 (Bruce Street) at Raglan Street North; and,
- b) County Road 52 (Raglan Street South) at Barnet Boulevard.

Background

The County of Renfrew has received a request from the Town of Renfrew to permit the installation of Pedestrian Crossings at County Road 20 (Bruce Street) at Raglan Street North and at County Road 52 (Raglan Street South) at Barnet Boulevard.

The proposed crossing on Raglan Street South would allow children to safely cross this high-volume roadway while walking to and from school. It would also allow families as well as all pedestrians to cross while out on daily business and recreational walks.

The proposed crossing on Bruce Street at Raglan Street North would provide a safe link to the hospital located on Raglan Street North.

A copy of Town Council Resolution No. 2021-9-24 is attached as Appendix IN-III. County staff is in favour of both proposed pedestrian crossing facilities.

In accordance with County of Renfrew Corporate Policy No. PW-14 – Pedestrian Crossings on County Roads, a Level 2 Type C Pedestrian Crossing would be appropriate for these locations. An excerpt from Ontario Traffic Manual Book 15 – Pedestrian Crossing Treatments, has been attached as Appendix IN-IV to display the outline of the crossing.

In order to permit the installation, the County must first designate the subject locations as a Pedestrian Crossing by the passing of By-laws. As a condition of the County's Policy, the Town of Renfrew is required to and has agreed to accept responsibility for all costs associated with the initial construction of the crossings including pavement markings and signage. The Town of Renfrew will also be responsible for the future replacement of the Pedestrian Crossing equipment. The County will be responsible for the annual maintenance of the crossing and signage.

A copy of maps showing the requested crossing locations is attached as Appendix IN-V.



COUNTY OF RENFREW

BY-LAW NUMBER

A BY-LAW TO CLOSE AND CONVEY CERTAIN PARTS OF A HIGHWAY

WHEREAS Section 27(1) of the Municipal Act, 2001, S.O. 2001, as amended, authorizes a municipality to pass by-laws in respect of which it has jurisdiction over the highway.

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

1. That the land designated as Part 1 of Plan 49R-18290 (P-1823-163) being part of PIN 57336-0001(LT) at Miller Road and Parts 7, 8, 9, and 10 of Plan 49R-18290 (P-1823-162) being part of PIN 57336-0173(LT) at Anderson Road in the Township of McNab/Braeside, in the County of Renfrew and the Province of Ontario be stopped up and closed upon completion of construction.
2. That the Warden and Clerk be and hereby are authorized and directed to do all acts and things to give effect to this By-law.
3. That this By-law come into force and take effect upon the passing thereof.

READ a first time this 27th day of October, 2021.

READ a second time this 27th day of October, 2021.

READ a third time and finally passed this 27th day of October, 2021.

DEBBIE ROBINSON, WARDEN

PAUL V. MOREAU, CLERK

Ministry of Transportation

Project Delivery East
1355 John Counter Boulevard
Postal Bag 4000
Kingston, Ontario K7L 5A3
Tel.: 1-800-267-0295
Fax: 613-540-5106

Ministère des Transports

Zone d'exécution du projet de l'Est
1355, boulevard John Counter
CP/Service de sacs 4000
Kingston (Ontario) K7L 5A3
Tél.: 1-800-267-0295
Télé. 613 540-5106



Appendix IN-II

15 September 2021

Warden and Council
County of Renfrew
9 International Drive
Pembroke, ON K8A 6W5
pmoreau@countyofrenfrew.on.ca

RE: Request for Road Closure by County Bylaw, County Road 63 at Highway 17

Dear Warden and Council,

The Ministry of Transportation is moving forward with the expansion of Highway 17 from two to four lanes from Scheel Drive in the Township of McNab/Braeside to a distance 3 km west of Bruce Street in Horton Township. The plan for highway expansion in this area was documented in a Transportation Environmental Study Report (TESR) which received Environmental Clearance in 2004.

As part of the TESR-approved plan the current intersection of Renfrew Road 63 and Highway 17 will be closed and there will not be a bridge built over Highway 17 to maintain the connectivity of this county road. The approved plan includes the extension of Anderson Road on the south side of Highway 17 to a cul-de-sac at the end of a new Daisy Lane. On the north side of Highway 17, a parallel service road will be built from the Miller Road intersection of Highway 17 easterly to the County Road 54 interchange location. This new service road will be built to county road standards and will be transferred from the province to the county upon completion of construction. Ministry staff met with Lee Perkins – Director of Public Works and Taylor Hanwarth – Acting Manager of Infrastructure on August 13, 2021 to discuss this road closing and realignment, as well as the overall project.

The purpose of this letter is to request that the County of Renfrew move by bylaw to close County Road 63 at the intersection with Highway 17 upon completion of construction of the Highway 17 expansion project. The attached map identifies the requested closure locations in white, and the applicable reference plans. Can you please review and confirm before November 30, 2021 that the County of Renfrew is prepared to enact a bylaw to close this portion of County Road 63?

Sincerely,

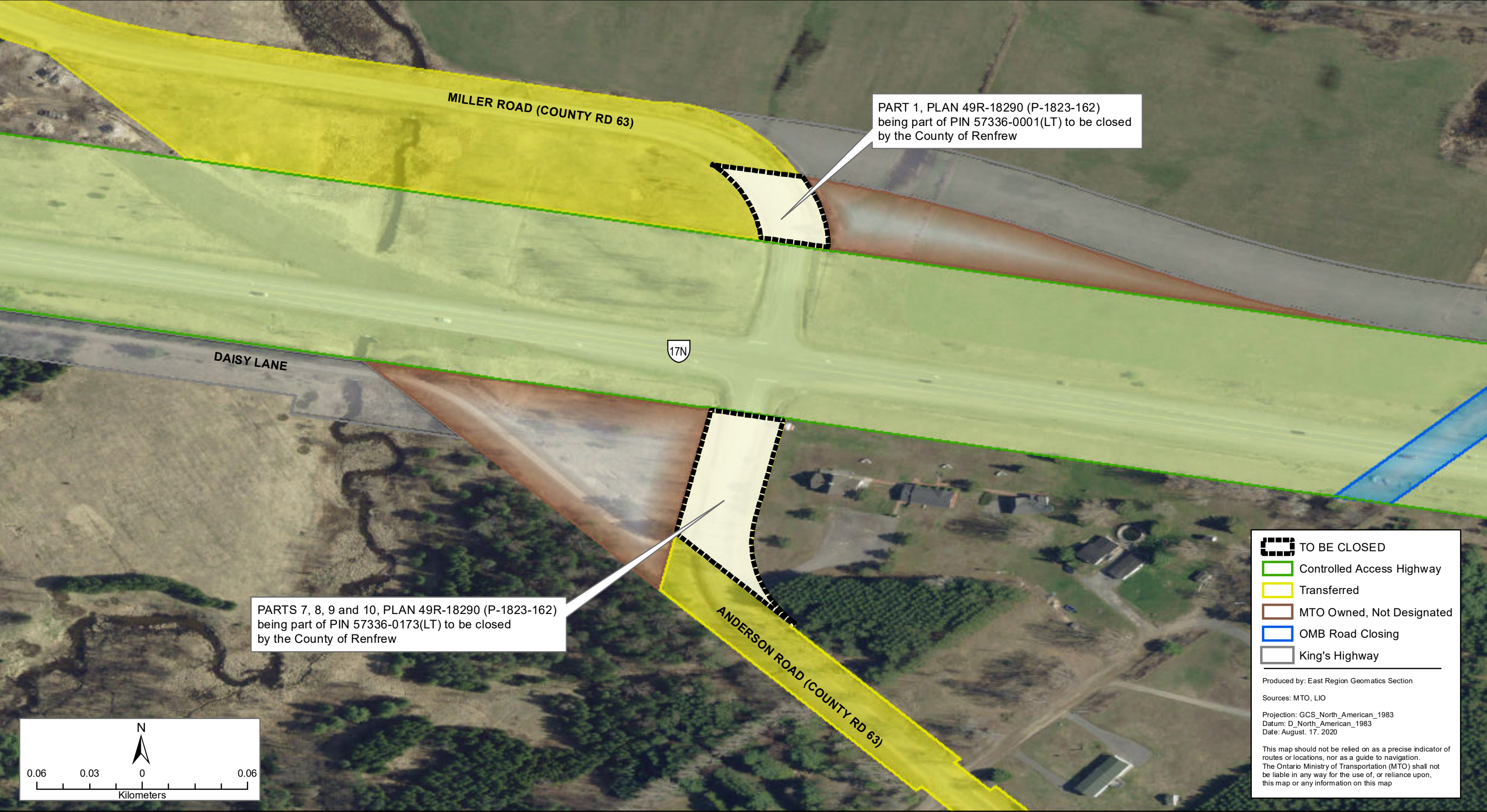
A handwritten signature in black ink, appearing to read "Darren Waters", written over a horizontal line.

Darren Waters, P.Eng.
Area Manager, Highway Engineering, Transportation Infrastructure Management



Ministry of Transportation - Eastern Region

Highway 17N at Anderson Road/Miller Road, Township of McNab/Braeside, County of Renfrew



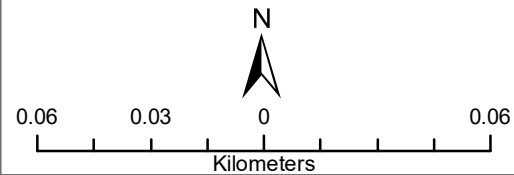
- TO BE CLOSED
- Controlled Access Highway
- Transferred
- MTO Owned, Not Designated
- OMB Road Closing
- King's Highway

Produced by: East Region Geomatics Section

Sources: MTO, LIO

Projection: GCS_North_American_1983
Datum: D_North_American_1983
Date: August. 17. 2020

This map should not be relied on as a precise indicator of routes or locations, nor as a guide to navigation. The Ontario Ministry of Transportation (MTO) shall not be liable in any way for the use of, or reliance upon, this map or any information on this map



COUNTY OF RENFREW

BY-LAW NUMBER

**A BY-LAW TO DESIGNATE A PORTION OF
COUNTY ROAD 20 (BRUCE STREET) AS A PEDESTRIAN CROSSING**

WHEREAS the Highway Traffic Act, as amended defines a Pedestrian Crossover as “means any portion of a roadway distinctly indicated for pedestrian crossing by signs on the highway and lines or other markings on the surface of the roadway as prescribed by the regulations”;

AND WHEREAS it is deemed expedient to designate certain portions of roadways as pedestrian crossings;

AND WHEREAS the Town of Renfrew has requested the installation of a Pedestrian Crossings in accordance with the Highway Traffic Act and County of Renfrew Corporate Policy No. PW-14 (Pedestrian Crossings on County Roads) as may be amended periodically.

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

1. That the portion of Bruce Street (County Road 20) at Raglan Street North be designated as a Pedestrian Crossing.
2. That this By-law shall come into force and take effect upon the completion of the construction of the Pedestrian Crossing facility, including all required signage and line painting.

READ a first time this 27th day of October, 2021.

READ a second time this 27th day of October, 2021.

READ a third time and finally passed this 27th day of October, 2021.

DEBBIE ROBINSON, WARDEN

PAUL V. MOREAU, CLERK

COUNTY OF RENFREW

BY-LAW NUMBER

A BY-LAW TO DESIGNATE A PORTION OF COUNTY ROAD 52 (RAGLAN STREET SOUTH) AS A PEDESTRIAN CROSSING

WHEREAS the Highway Traffic Act, as amended defines a Pedestrian Crossover as “means any portion of a roadway distinctly indicated for pedestrian crossing by signs on the highway and lines or other markings on the surface of the roadway as prescribed by the regulations”;

AND WHEREAS it is deemed expedient to designate certain portions of roadways as pedestrian crossings;

AND WHEREAS the Town of Renfrew has requested the installation of a Pedestrian Crossings in accordance with the Highway Traffic Act and County of Renfrew Corporate Policy No. PW-14 (Pedestrian Crossings on County Roads) as may be amended periodically.

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

1. That the portion of Raglan Street South (County Road 52) at Barnet Boulevard be designated as a Pedestrian Crossing.
2. That this By-law shall come into force and take effect upon the completion of the construction of the Pedestrian Crossing facility, including all required signage and line painting.

READ a first time this 27th day of October, 2021.

READ a second time this 27th day of October, 2021.

READ a third time and finally passed this 27th day of October, 2021.

DEBBIE ROBINSON, WARDEN

PAUL V. MOREAU, CLERK



CORPORATION OF THE TOWN OF RENFREW
RESOLUTION NO. 2021 - 9 - 24

Moved By: Reeve Emon
Seconded By: Councillor Coulas

THAT Renfrew Town Council support the installation/upgrade of the existing Crossovers on County of Renfrew roads at the following locations:

- Raglan Street South (CR52) at Barnet Boulevard – new installation
- Bruce Street (CR20) at Raglan Street North – upgrade

AND FURTHER THAT Renfrew Town Council agrees to pay for the cost of installation and replacement of the above Pedestrian Crossovers and annual repainting of pavement markings.

I, Kim R. Bulmer, Clerk of the Corporation of the Town of Renfrew, do hereby certify this to be a true and complete copy of Resolution No. 2021 - 9 - 24, passed by the Council of the Corporation of the Town of Renfrew at its meeting held the 28th day of September 2021.

DATED at Renfrew, Ontario
this 4th day of October 2021.

Kim R. Bulmer,
Town Clerk

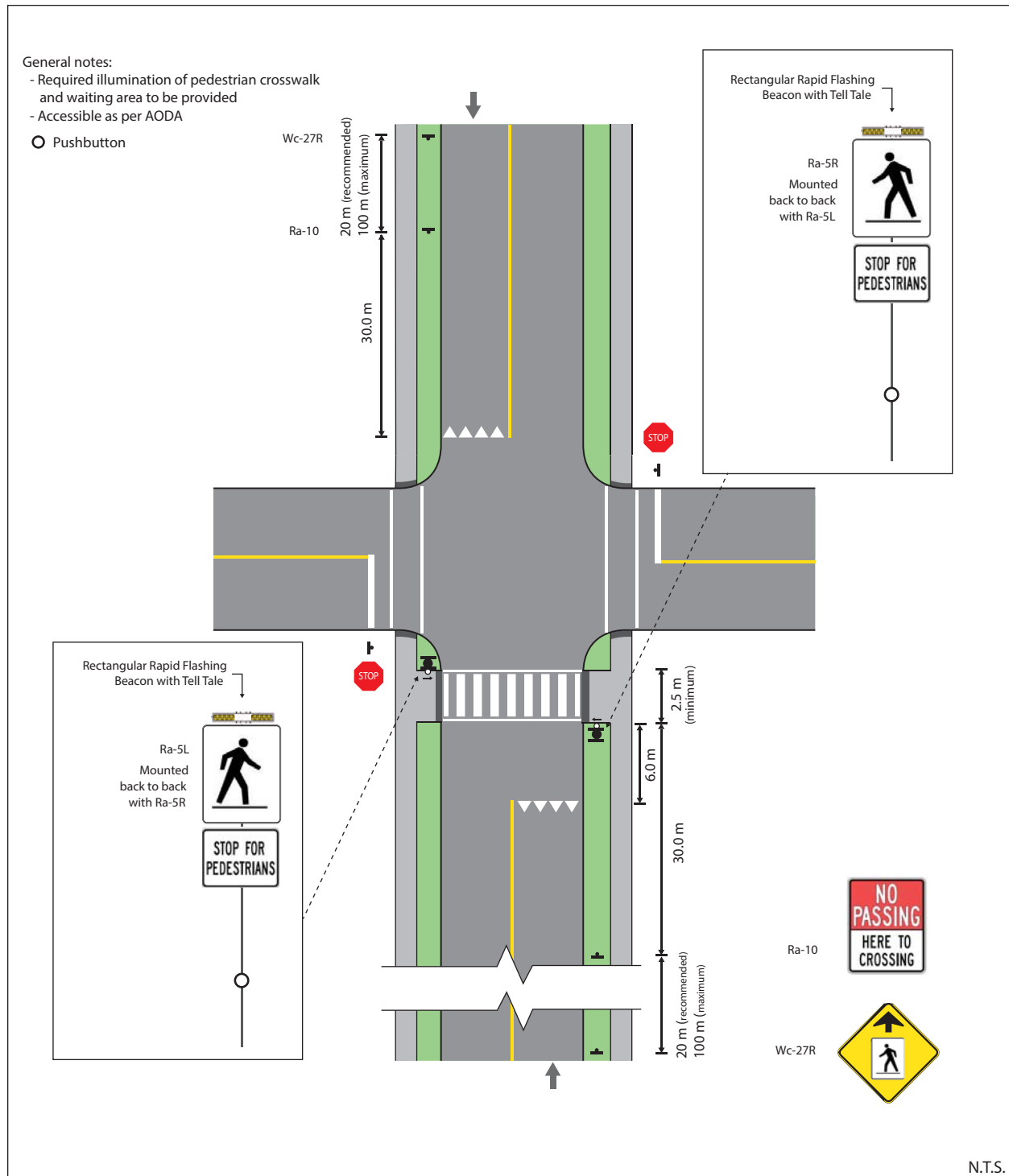


Figure 36: Pedestrian Crossover Level 2 Type C – Intersection (2-way)

County Road 20
Bruce Street
Proposed Pedestrian Crossover

Appendix IN-V



MASON AVE

GRIGG AVE

MCANDREW AVE

MOORE ST

TASSE AVE

BRUCE ST



RAGLAN ST N

CAMERON AVE

Proposed location of
Pedestrian Crossover

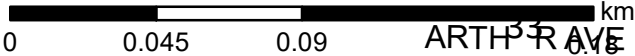
MOORE ST

ALBERT ST

ELGIN AVE

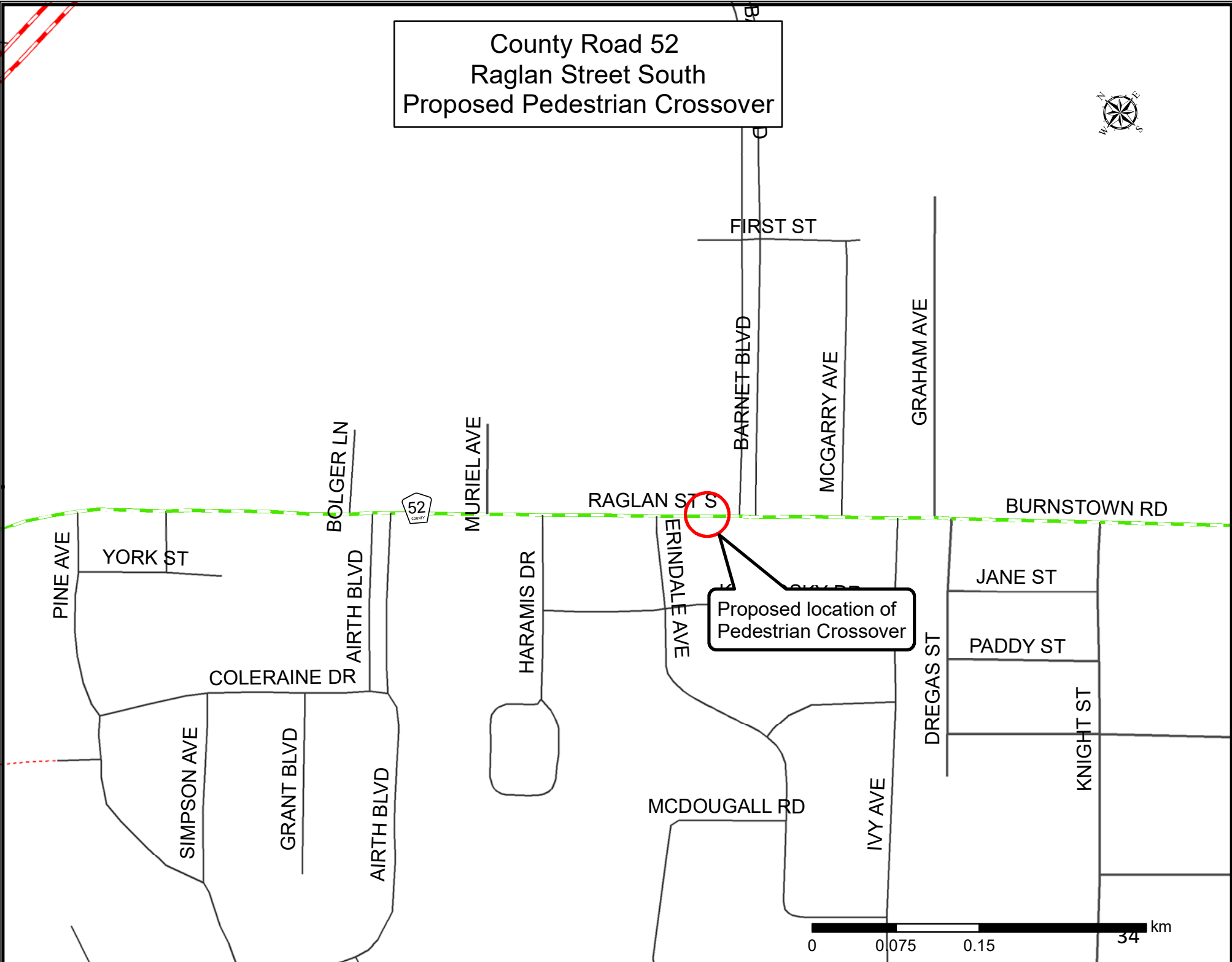
STEWART ST

HINCKS AVE



ARTHUR AVE

County Road 52
Raglan Street South
Proposed Pedestrian Crossover



OPERATIONS DIVISION REPORT

Prepared by: Richard Bolduc, A.Sc.T., Manager of Operations

Prepared for: Operations Committee

October 12, 2021

INFORMATION**1. Fleet Operations [Strategic Plan Goal No. 2]**

The County of Renfrew Operations Division has received notice from Fraser Durham Chrysler, Dodge, Jeep, Ram Inc., Oshawa, Ontario that they are unable to supply the four Light Duty Pickup Trucks which were awarded in April as a result of product manufacturing shortages in the supply chain in 2021 due to COVID-19. The Director of Public Works and Engineering has authorized the cancellation of the contract and the funds for this purchase will remain in the Capital Reserve until the units are re-tendered in 2022. The Operations Division is monitoring the remaining fleet purchases for possible cancellation, delay, etc. and will report to Committee accordingly.

2. Summer Operations [Strategic Plan Goal No. 2]

Summer operations are in the process of winding down as preparations are made for the coming winter season. As weather conditions permit, staff will continue with a variety of operations including roadside brushing, ditch and culvert cleanouts, sign replacements and routine surface maintenance and repairs.

3. Winter Operations [Strategic Plan Goal No. 2]**a) Operational Status and Winter Readiness**

Staff is preparing for the coming winter season and the Department is required to be 50% operational by November 1 and 100% operational by November 15, 2021. Night Patrol shifts are scheduled to commence on November 15, 2021 and will continue until April 1, 2022.

b) Winter Sand

The supply, delivery and stockpiling of winter sand at the various patrol locations is ongoing and it is anticipated that this work will be completed by the end of October.

c) Winter Maintenance Agreements

The following are the statuses of all winter maintenance agreements:

- Township of Carlow/Mayo for services of a portion of County Road 517 (Dafoe Road) – Term 2021-2022 – finalized.
- Pat Stewart Trucking Inc. – for services on County Road 635 (Swisha Road) – Term 2021-2022 – finalized.
- Town of Renfrew – Term 2019-2029 – finalized.
- Town of Deep River –Term – 2020-2030 – finalized.
- Town of Arnprior – Term – 2021-2022 – finalized.

The following are the current multi-year facility rental agreements for the County of Renfrew winter operations equipment:

- Township of Bonnechere Valley for the use of one bay at the Foymount Patrol.
- Algonquins of Pikwakanagan for the use of one bay at the Golden Lake Patrol.

4. **Disposal of Surplus Items [Strategic Plan Goal No. 3]**

The Operations Division is currently reviewing the municipal submissions for the latest circulation of surplus items and anticipate awarding items under the authority of the Director of Public Works and Engineering. The balance of the items will be scheduled to be disposed of through public auction.

5. **Quotation/Tender Summary [Strategic Plan Goal No. 3]**

The following quotations/tenders were received in the month of September 2021 and have been awarded to the low bids under the authority of the Director of Public Works and Engineering or the Chief Administrative Officer. In all cases the procurements have followed the processes set out in Corporate Policy GA-01 Procurement of Goods and Services.

(a) PWC-2021-52 – Asphalt Repairs on County Road 7 (Foresters Falls Road and County Road 8 (Cobden Road)

- | | |
|----------------------------|-------------|
| 1. GOA Paving, Denbigh, ON | \$45,846.45 |
|----------------------------|-------------|

(b) PWC-2021-60 – County Road 4 (Storyland Road) Asphalt Repair

- | | |
|-----------------------------------|----------|
| 1. GOA Paving, Denbigh, ON | \$29,965 |
| 2. Greenwood Paving, Pembroke, ON | \$51,825 |

(c) PWO-2021-52 – Design Services for the Rehabilitation of the Calabogie Patrol Yard Sand Dome and Salt Shed

- | | |
|---|----------|
| 1. James Knight & Associates, St. George ON | \$22,500 |
|---|----------|

All amounts exclude applicable taxes.

Cost Sharing with Local Municipalities



Experience Our History, Share our Future!



1

The County of Renfrew's current Asset Management plan only maintains our current assets and has no provisions for the growth or infrastructure expansion being experienced within several areas of the County.

At the April Operations Committee meeting, Staff were directed to research policy positions of other upper tier municipalities with respect to growth, specifically, upper and lower tier responsibilities for growth related infrastructure.



2

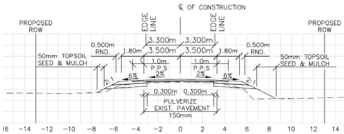
From the feedback received Staff are recommending:

Draft Cost Sharing with Local Municipalities:

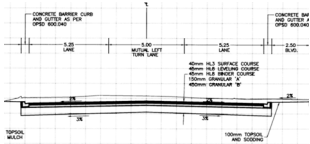
- Presented is a Draft County of Renfrew Cost Sharing with Local Municipalities Policy. The policy clearly outlines the County's responsibilities and financial contributions that would be required for expansion of infrastructure.



For Example;



Typical County Road Design



Two Lane Road Design With Parking Lane



The County of Renfrew's Long-Term Asset Management plan only provides funding for the current infrastructure that is in place today approximately \$1000.00 per metre. ***(For simplicity in this presentation, we will consider works on current County Roads to have a cost of \$1,000/m).***



5

Cost Sharing with Local Municipalities

County roads provide a road network for traffic other than local trips and provide a level of service somewhat lower than the King's highway system but significantly higher than local roads. Therefore, the local municipality shall share in the cost of work items, other than those that are elements of through roads.

Essentially what is identified in the County's Asset Management plan is what the County's financial contribution would be

Back to the example;

A rural cross section of a County Road costs \$1000.00 per meter. This is accounted for in the long-term plan. If a local municipality wishes to convert the County Road to an urban cross section the increase is 300% more. Thus the County contribution to the construction of an urban cross-section up to the minimum "Geometric Design Standards for Undivided Urban Roads in Ontario" (i.e. two driving and one parking lane), but in no case less than the centre 7.0 m of any County road in an urban area.



6



F14	Shrub Planting: Physocarpus opulifolius, 60cm ht.	ea	6.00	sp	\$15.00	\$114.00	100	\$114.00	\$0.00
F15	Shrub Planting: Rosa rugosa, 30cm ht.	ea	311.00	sp	\$26.00	\$8,086.00	100	\$8,086.00	\$0.00
F16	Shrub Planting: Salix petiolaris, 30cm ht.	ea	400.00	sp	\$24.00	\$9,600.00	100	\$9,600.00	\$0.00
F17	Shrub Planting: Salix purpurea, 30cm ht.	ea	265.00	sp	\$24.00	\$7,560.00	100	\$7,560.00	\$0.00
F18	Paved Stone Wall	m2	46.50	sp	\$940.00	\$43,710.00	0	\$0.00	\$43,710.00
F19	Supply and Install Precast Concrete Bench Seat	ea	6.00	sp	\$3,200.00	\$19,200.00	0	\$0.00	\$19,200.00
F20	Concrete Pad	m2	100.00	sp	\$24.00	\$2,400.00	0	\$0.00	\$2,400.00
F21	Artificial Landscape Turf	m2	285.00	sp	\$220.00	\$62,700.00	0	\$0.00	\$62,700.00
F22	Granite	m3	125.00	sp	\$84.00	\$10,500.00	0	\$0.00	\$10,500.00
F23	Flagstone	ea	3.00	sp	\$7,800.00	\$23,400.00	0	\$0.00	\$23,400.00
Total Part F (Excluding HST)						\$480,318.00			
G.	Labour and Equipment								
G1	Sweeper (Operated) (Provisional)	hr (P)	250.00	127.5P	\$140.00	\$35,000.00	100	\$35,000.00	\$0.00
G2	Water Truck - 7,000 m3 (Operated) (Provisional)	hr (P)	400.00	22.5P	\$110.00	\$44,000.00	100	\$44,000.00	\$0.00
G3	Hydro Excavating/Vacuum Truck (Operated) (Provisional)	hr (P)	40.00	22.5P	\$33.00	\$1,320.00	100	\$1,320.00	\$0.00
G4	Temporary Portable Lighting (Provisional)	week	4.00	sp	\$2,800.00	\$11,200.00	100	\$11,200.00	\$0.00
Total Part G (Excluding HST)						\$104,800.00			
H.	Contingency								
H1	Contingency (Provisional)	5.0P	1.00		\$200,000.00	\$200,000.00		\$206,163.07	\$43,836.93
TOTAL TENDER PRICE (Excluding HST)						\$4,981,136.75			
Final Total									
						\$4,731,136.75		\$3,901,542.75	\$829,594.00
								0.825	0.175
								\$4,107,705.82	\$873,430.93



Use the Draft Cost Sharing Formula the total expenditure to the County would be \$4,107,705.82 with the Townships share being \$873,430.93.

11

The County shall be responsible for:

1. The construction of an urban cross-section up to the minimum "Geometric Design Standards for Undivided Urban Roads in Ontario" (i.e. two driving and one parking lane), but in no case less than the centre 7.0 m of any County road in an urban area.
2. The construction of curbs and gutters.
3. The construction of the paved boulevard between curb and sidewalk to a maximum of 0.5 m width.
4. The construction of catchbasins and the portion of storm sewers required to drain the County road. (In no case will the County drain land more than 25 m from the centreline of the road.)
5. The construction of a full rural section within any urban area.
6. The remaining costs of those works covered by item 5, requested by the local municipality, and deemed feasible and economical by the Director of Public Works and Engineering, or designate.
7. Land acquisition when land is required to accommodate the road section specified in 1. shall be the responsibility of the County.

12

The local municipality shall be responsible for:

1. 100% of the construction of all sidewalks (Section 55 of the Municipal Act, 2001, as amended).
2. The construction of that portion of storm sewers over and above that required for County road drainage.
3. 100% of the cost of all local services, such as water or sanitary sewerage works, based on the following:

$$\text{Local share \%} = 100\% \text{ less County's Share \%}$$
$$\text{County Share} = \frac{(\text{Theoretical pipe diameter to accommodate CRD})}{\text{Actual pipe diameter to accommodate full drainage area}} \times 100\%$$

CRD – County Road Drainage



13

The local municipality shall be responsible for:

4. 100% of that portion of the paved boulevard between curb and sidewalk beyond 0.5 m.
5. Land acquisition when required to accommodate road elements beyond that specified in Section 1).
6. 50% of the construction of additional parking lanes.
7. 100% of the construction of paved shoulders whether behind curbs and/or gutters or not.
8. Engineering in proportion with the cost of its share of the project.
9. There will be a 7% administration charge on County "in-house" (but not contracted) work.



14

Questions?

