



OPERATIONS COMMITTEE

Tuesday, September 12, 2023

A meeting of the Operations Committee was held on Tuesday, September 12, 2023, at 1:00 p.m., at the County of Renfrew Administration Office, 9 International Drive, Pembroke, Ontario.

Present were: Chair Glenn Doncaster
Warden Peter Emon
Vice-Chair David Bennett (Virtual)
Councillor Daniel Lynch
Councillor Mark MacKenzie
Councillor Keith Watt
Councillor Mark Willmer

Staff Present: Craig Kelley, Chief Administrative Officer/Clerk
Lee Perkins, Director of Public Works and Engineering
Richard Bolduc, Manager of Operations
Taylor Hanrath, Manager of Capital Works
Gwen Dombroski, Deputy Clerk
Tina Peplinskie, Media Relations and Social Media Coordinator
Evelyn VanStarkenbug, Administrative Assistant

Chair Doncaster called the meeting to order at 1:00 p.m. The land acknowledgement identifying that the meeting was being held on the traditional territory of the Algonquin People was recited. The roll was called, and no pecuniary interests were disclosed.

RESOLUTION NO. OP-C-23-09-104

Moved by Councillor MacKenzie

Seconded by Councillor Lynch

THAT the minutes of the August 15, 2023 meeting be approved. CARRIED.

Public Works and Engineering

The Director of Public Works and Engineering overviewed the Public Works and Engineering Department Report, which is attached as Appendix A.

Lee Perkins was congratulated on his appointment to the Canadian Public Works Association (CPWA) Board of Directors as President-Elect for 2023-2024 and President for 2024-2025. It was noted that representation by staff and elected members is valuable to the County as it provides an opportunity to share information and network.

The Director of Public Works and Engineering advised that the Public Works staff are available to meet with the local municipal councils to overview how to address citizen concerns, such as speeding and pedestrian crossings, that are relevant to County Roads.

Chair Doncaster advised that in previous years, summer students were invited to attend a session of County Council and were provided an opportunity to reflect on their experience working for the County of Renfrew. The Chair would like to see this reintroduced in future years.

RESOLUTION NO. OP-C-23-09-105

Moved by Councillor Willmer

Seconded by Councillor MacKenzie

THAT the October 2023 meeting of the Operations Committee be held in the Town of Deep River. CARRIED.

RESOLUTION NO. OP-C-23-09-106

Moved by Warden Emon

Seconded by Councillor Watt

THAT the Operations Committee directs staff to develop a policy for the purpose of naming bridges. CARRIED.

Capital Works Division

The Manager of Capital Works overviewed the Capital Works Division Report, which is part of the Public Works and Engineering Department Report.

RESOLUTION NO. OP-C-23-09-107

Moved by Councillor Lynch

Seconded by Councillor Watt

THAT the Operations Committee recommends that the replacement of McMahon Road Culvert, on McMahon Road, 0.18km east of Ferguslea Road, Township of Admaston/Bromley be approved to be included in and proceed under the 2023 Capital Budget in the estimated amount of \$100,000 for the County portion of the project costs. CARRIED.

RESOLUTION NO. OP-C-23-09-108

Moved by Councillor Willmer

Seconded by Warden Emon

THAT the Operations Committee recommends to County Council that a By-law be adopted to acquire property described as part of Lot 26, Concession 14, Part 6 on Plan 49R-20186 in the geographic Township of Sebastopol, Township of Bonnechere Valley, from Andrew Leight and

Sally Leight for the sum of Two Thousand Dollars (\$2,000); AND FURTHER THAT the property described be dedicated as part of the public highway upon registration of the transfer documents. CARRIED.

Operations Division

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

Committee was advised that the local municipalities are invited to take part in the tender for the supply and delivery of winter sand, and in the past, the Township of Greater Madawaska has participated; however this year there was no interest.

The Manager of Operations advised that in October, the Operations Division Report will include a detailed report on the surplus items that were disposed of through public auction.

RESOLUTION NO. OP-C-23-09-109

Moved by Councillor Lynch

Seconded by Councillor Willmer

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

New Business

Daniel/Edey/Galvin Street Intersection – Arnprior

Councillor Lynch advised that the redesigned intersection of Daniel/Edey/Galvin Streets in Arnprior would be finished and open to traffic by the end of September/beginning of October 2023.

RESOLUTION NO. OP-C-23-09-110

Moved by Councillor Willmer

Seconded by Councillor Watt

THAT this meeting adjourn and the next regular meeting be held on October 10, 2023 at the Municipal Office in the Town of Deep River. Time: 1:29 p.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 10, 2023

SUBJECT: Department Report

INFORMATION

1. Monthly Project Status Report

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

Attached as Appendix II is the Capital Program Variance Report.

3. Association of Ontario Road Supervisors (AORS) Provincial Truck Safety Roadeo

Congratulations to the winner of the John Gloor Memorial Trophy and the 2023 Driver of the Year, Len Phillippi from the Township of Arran-Elderslie at this year's AORS Provincial Truck Safety Roadeo. Second place, also hailing from the Township of Arran-Elderslie, is Casey Hillier. Second runner-up is Lonnie Liedtke from the County of Renfrew.

Congratulations to all 38 drivers who earned their spots and competed at the 2023 AORS Provincial Truck Safety Roadeo. Each driver represented their communities extremely well, and the talent and commitment to their positions was evident.

Honorable mention goes to Ryan Fraser for finishing first in the Renfrew County Road Supervisors Association Roadeo in Petawawa. Ryan also represented the County of Renfrew at the Provincial Truck Safety Roadeo.

4. County Road 61 (Haley Road) – Speed Limit Review and Four-way Stop

Attached as Appendix III is a resolution from the Township of Whitewater Region requesting that the County of Renfrew review whether it is warranted to have the speed limit reduced on County Road 61 (Haley Road) on approach to the Hamlet. Additionally,

it seeks an evaluation of whether a four-way stop is justified at the intersection of County Road 61, Godfrey Road and Haley Road. A staff recommendation on these matters is anticipated to be presented during an upcoming meeting.

5. **Road Rationalization**

In May 2022, a resolution was received from the Township of McNab/Braeside requesting the inclusion of Campbell Drive in the County Road System. Furthermore, in August 2023, the Township of North Algona Wilberforce submitted a resolution requesting consideration of Letts Cemetery Road to be integrated into the County Road System. Our staff is currently in the process of assessing both applications, and anticipates providing recommendations once the Transportation Master Plan is completed, which is expected to be in early 2025.

RESOLUTIONS

6. **Automated Speed Enforcement Systems**

Recommendation: THAT the Operations Committee recommends to County Council that a letter be sent under the Warden's signature to the Honourable Prabmeet Singh Sarkaria, Minister of Transportation, in support of the resolutions from Cramahe Township and the City of Cambridge in regards to amending s.205.1 of the Highway Traffic Act to allow Automated Speed Enforcement (ASE) systems permanently or temporarily on any roadway under the jurisdiction of the municipality.

Background

Attached as Appendix IV is a resolution from the Cramahe Township in support of the Corporation of the City of Cambridge correspondence to former Minister of Transportation, the Honourable Caroline Mulroney, requesting a change to the Highway Traffic Act as it pertains to the use of Automated Speed Enforcement (ASE) systems. The municipalities would like the opportunity to locate ASE's on any road under their jurisdiction and not be limited to only community and school safety zones.

7. **Highway 17 Extension Advisory Committee**

Recommendation: THAT the Operations Committee recommends to County Council that a letter be sent under the Warden's signature to the Honourable Prabmeet Singh Sarkaria, Minister of Transportation, requesting updated traffic counts for specific sections of Highway 17, including the current Highway 417, Arnprior to Renfrew Twinning, Storyland Road to Greenwood Road, Meath Hill to Deep River, and west of Deep River.

Background

A meeting of the Highway 17 Extension Advisory Committee was held on September 20, 2023, to review the Highway 17 expansion and next steps. The Committee was advised that the Ontario Ministry of Transportation had informed staff that the annual daily

traffic (AADT) counts on Highway 17 are up to date as of 2019 and are available to the public on the [MTO technical publications page](#). The Advisory Committee is requesting the Warden, on behalf of County Council, to request from the Minister of Transportation updated data for the following locations: the current Highway 417, Arnprior to Renfrew Twinning, Storyland Road to Greenwood Road, Meath Hill to Deep River and west of Deep River.

8. **Reallocation of 2023 Budget Funds**

Recommendation: THAT the Operations Committee recommends that County Council reassign the sum of \$60,000 originally designated in the 2023 budget for architectural design and review of the Southwest Patrol and White Water Road Patrol buildings towards the purchase of new pods/workstations for the Public Works and Engineering Department office located at the County Administration Building in Pembroke at a cost of \$17,802.47.

Background

The County of Renfrew's patrol garages typically have one washroom facility each with the exception of Cobden Patrol. In the 2023 budget, an allocation of \$60,000 was set aside to explore the possibility of expanding the washroom facilities at two patrol garages. However, upon initial review, it has become evident that the scope of this project would be financially impractical, as it would necessitate an increase in the building's footprint. It is important to note that the existing washrooms have been designated as unisex with locking doors.

The 2023 Budget approved a restructuring of the Public Works and Engineering Department to include the addition of a Civil Designer, an Engineering Technician, an Operations Coordinator, and the conversion of a part-time Administrative Assistant II to a full-time position. These changes have been fully implemented as of the third quarter of 2023. With these additions to the Department, there is now a need for appropriate workspaces to accommodate the additional personnel. The cost of creating two new pods is \$17,802.47 including taxes, freight, and installation, as per the estimate attached as Appendix V. Therefore, staff are proposing to reallocate the \$60,000 initially earmarked for the architectural design review of the patrol facilities to fund these new workstations.

9. **Rural Ontario Municipal Association (ROMA) Conference**

Recommendation: THAT the Operations Committee recommends that County Council approve delegation requests at the 2024 Rural Ontario Municipal Association (ROMA) Annual Conference with the Minister of Infrastructure to discuss implementation of a consistent Provincial mandated Pavement Condition Index (PCI) process and with the Minister of Transportation to discuss additional funding opportunities with regards to an interim solution with regards to Highway 17/417 widening and traffic calming beyond Renfrew; AND FURTHER THAT the Chair of the Standing Committee, along with the Warden, be designated to attend the delegation.

Background

The Rural Ontario Municipal Association Conference is scheduled for Sunday, January 21 - Tuesday, January 23, 2024, to be held at the Sheraton Centre Hotel - 123 Queen Street West, Toronto.

The 2024 Conference, themed, Closer to Home, will provide rural municipal leaders the opportunity to address policy issues, funding concerns, and to meet directly with Provincial Ministers on local issues. Over 1,500 municipal colleagues, provincial and federal elected officials and senior staff are anticipated to be in attendance at this much anticipated event. As in the past, it is expected that the Conference will have all of the critical rural municipal issues front and centre, with excellent opportunities to be engaged, learn, network and bring innovative solutions back to our community.

Staff are looking to lobby the Ministry of Infrastructure (Minister Kinga Surma) to discuss implementation of a consistent Provincial mandated Pavement Condition Index (PCI) process. We further would like an opportunity to present and discuss with the Ministry of Transportation (Minister Prabmeet Singh Sarkaria) for additional funding opportunities with regards to a proposal and interim solution with regards to Highway 17 widening and traffic calming beyond Renfrew.

BY-LAWS

10. County Road 512 (Queen Street) Community Safety Zone – Village of Killaloe

Recommendation: THAT the Operations Committee recommends that County Council adopt a By-law to authorize the designation of a Community Safety Zone (CSZ) along Queen Street (County Road 512) between 87 Queen Street and Boland Street, Township of Killaloe, Hagarty and Richards.

Background

Attached as Appendix VI is a resolution from the Township of Killaloe, Hagarty and Richards requesting the designation of a Community Safety Zone (CSZ) for a section of County Road 512 (Queen Street and Brudenell Road), County Road 67 (Simpson Pit Road) and County Road 58 (Round Lake Road).

Section 214 of the Highway Traffic Act, R.S.O. 1990 contains provisions whereby a municipality may pass a By-law designating a part of a highway as a CSZ if in the Council's opinion, public safety is of a special concern on that part of the highway. The effect of the CSZ designation is to increase the penalties imposed for highway infractions. The usual increase is to double the fines. The area designated must be appropriately signed in accordance with the Ontario Traffic Manual (OTM).

The OTM provides the following information regarding Community Safety Zones: "These are sections of roadway where public safety is of special concern. Community Safety Zones may include roadways near schools, day care centres, playgrounds, parks,

hospitals, senior citizen residences and may also be used for collision-prone areas within a community.”

Upon reviewing the areas contained within the Township resolution, County of Renfrew Public Works and Engineering staff is in support of implementing a CSZ along County Road 512 (Queen Street) between 87 Queen Street and Boland Street as this area contains two elementary schools. The other areas identified within the resolution do not meet the purpose of a CSZ in accordance with the OTM.

In order to have a CSZ implemented, special signage must be installed and a Municipal By-law must be passed designating the zone.

Attached as Appendix VII is a map identifying the aforementioned changes for this section of County Road 512.

11. Capital Works Division

Attached as Appendix VIII is the Capital Works Division Report, prepared by Taylor Hanrath, Manager of Capital Works, providing an update on activities.

12. Operations Division

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

Department of Public Works & Engineering
Infrastructure Capital Monthly Project Status Report - September 2023

Project Name/Municipality	Location		Lengths	Description	Status/Schedule							Comments	
	From	To			EA	Survey	Design	Tender/RFP	Award	Const. Start	Const. End		
ROAD RECONSTRUCTION/REHABILITATION													
2	Daniel Street S.	Galvin Street	Edev Street	0.20	Intersection Realignment	100%	100%	100%	April	May	June	October	In cooperation with Arnprior; Design by Jp2g
	Arnprior												
30	Lake Dore Road	Highway 60	Sperberg Road	3.26	Reconstruction	100%	100%	99%	May	June	July	October	Design by Tatham
	North Algona/Wilberforce												
37	Murphy Road	County Road 26 (Doran Road)	County Road 51 (Petawawa Blvd.)	0.93	Design for Reconstruction	30%	10%	10%	2024	2024	2024	2024	In cooperation with Petawawa; Design by Jp2g
	Petawawa												
512	Foymount Road	B257 (Harrington Creek Bridge)	Miller Road	6.57	Reconstruction	100%	100%	100%	May	June	July	November	Design by BTE; Utility relocation ongoing;
	Bonnechere Valley												
635	Swisha Road	Highway 17	Interprovincial Bridge	2.58	Cross Drain Replacement	100%	100%	100%	February	March	April	May	Internal design and construction
	Laurentian Hills												
	Traffic Signal Upgrades	Various Locations											
BRIDGE/CULVERT RECONSTRUCTION/REHABILITATION													
B044	Douglas Bridge	Admaston/Bromley (CR5 Stone Road)			Rehabilitation	100%	100%	100%	April	April	June	October	Design by Stantec; Construction by BEI
B064	Pilgrim Road Bridge	Brudenell, Lyndoch & Raglan (Pilgrim Road)			Rehabilitation	100%	100%	100%	January	February	May	July	Design by JLR; Construction by BEI;
B257	Harrington Creek Bridge	Bonnechere Valley (CR512 Foymount Road)			Replacement	100%	100%	100%	May	June	July	November	Included in 512 reconstruction project
B310	Ski Hill Bridge	Laurentian Valley (CR58 Round Lake Road)			Rehabilitation	100%	100%	100%	March	April	June	October	Design by Stantec; Construction by BEI
C025	Borne Road Culvert	Laurentian Valley (Borne Road)			Rehabilitation	100%	100%	100%	January	February	June	October	Design by WSP; Construction by JWK;
C115	Dunlop Crescent Dual Culvert	Head, Clara and Maria (Dunlop Crescent)			Replacement	100%	100%	100%	January	February	March	April	Internal design and construction
C137	Hanson Creek Culverts	McNab/Braeside (Robertson Line)			Replacement	100%	100%	90%	February	March	July	July	Design by WSP; Internal Construction; In cooperation w/ McNab/Braeside
C168	Lake Clear Tri Culverts	Bonnechere Valley (Lake Clear Road)			Rehab or Replace	100%	30%	30%	June	June	September	October	Internal design and construction
C191	Dicks Road Culvert	Laurentian Valley (Dicks Road)			Rehabilitation w/ Liner	100%	100%	90%	April	May	August	August	Design by Stantec; Internal Construction
C197	Etmanskie Swamp Culvert	Madawaska Valley (CR62 John Street)			Rehabilitation w/ Liner	100%	100%	100%	April	April	August	September	Design by JLR; Internal Construction
C325	Neilson Creek Culvert	Bonnechere Valley (Lake Clear Road)			Liner	100%	100%	90%	April				Design by Stantec; Construction deferred
	General Bridge Repairs	Various Locations											
FUTURE ENGINEERING													
B007	Butler Bridge	Admaston/Bromley (Butler Road)			Design for Rehabilitation	100%	100%	90%	2022	2022	2024	2024	Design by Stantec
B102	Brennans Creek Bridge	Killaloe, Hagarty & Richards (CR512 Queen Street)			Design for Rehabilitation	100%	100%	60%	2022	2022	2024	2024	Design by Stantec
B103	O'Grady Bridge	Killaloe, Hagarty & Richards (O'Grady Settlement Road)			Design for Rehabilitation	10%	10%	0%	May	June	TBD		RFP needed for design
B108	Tramore Bridge	Killaloe, Hagarty & Richards (Tramore Road)			Design for Rehabilitation	60%	100%	30%	2022	2022	2024	2024	Design by HP
B145	Combermere Bridge	Madawaska Valley (CR62 Combermere Road)			Design for Rehabilitation	10%	10%	0%	July	August	TBD		RFP needed for design
B156	Burnt Bridge	Brudenell, Lyndoch & Raglan (Burnt Bridge Road)			Design for Replacement	30%	30%	10%	2022	2022	2024	2024	Design by JLR
B181	Peter Black Bridge	Laurentian Valley (CR24 White Water Road)			Design for Rehabilitation	10%	10%	0%	April	May	TBD		RFP needed for design
B232	Cochrane Creek Bridge	North Algona Wilberforce (Cement Bridge Road)			Design for Rehabilitation	30%	30%	10%	2022	2022	TBD		Design by HP
C001	Berlanquet Creek Culvert	Admaston/Bromley (CR5 Stone Road)			Design for Replacement	30%	50%	10%	2022	2022	TBD		Design by HP
C040	Snake River Culvert	Admaston/Bromley (CR8 Cobden Road)			Design for Rehab or Replace	30%	10%	10%	June	July	2024	2024	RFP needed for design
C051	Harris Creek Culvert	Admaston/Bromley (Proven Line)			Design for Replacement	10%	10%	10%	May	June	2024	2024	Internal design, RFP needed for Geotech
C062	John Watson Culvert 2	Brudenell, Lyndoch & Raglan (John Watson Road)			Design for Replacement	20%	10%	20%	May	June	2024	2024	Internal design, RFP needed for Geotech
C130	Lochiel Creek Culvert North	McNab/Braeside (CR63 Miller Road)			Design for Replacement	80%	70%	60%	2022	2022	TBD		Design by Stantec
C136	Robertson Twin Pipes	McNab/Braeside (Robertson Line)			Design for Replacement	10%	10%	0%	July	August	TBD		RFP needed for design
C201	Broomes Creek Culvert	Whitewater Region (CR7 Foresters Falls Road)			Design for Replacement	90%	90%	50%	2022	2022	2024	2024	Design by JLR; Includes dam
C204	Bellows Creek Culvert	Whitewater Region (CR12 Westmeath Road)			Design for Rehabilitation	100%	100%	90%	2022	2022	2024	2024	Design by WSP
C215	Elm Creek Culverts	Whitewater Region (Snake River Line)			Design for Replacement	10%	10%	0%	July	August	TBD		RFP needed for design
C221	Kenny's Culvert	Whitewater Region (Pleasant Valley Road)			Design for Replacement	10%	10%	0%	July	August	TBD		RFP needed for design
C268	St. Columbkille's Culvert	Laurentian Valley (CR58 Round Lake Road)			Design for Replacement	80%	100%	30%	2022	2022	2024	2024	Design by Stantec

Operations Division - Capital Monthly Project Status Report - September 2023
Department of Public Works & Engineering

Project Name/Municipality		Location		Lengths	Description	RFP/Tender	Const. Award	Const. Start	Const. End	Comments
		From	To							
ROAD RECONSTRUCTION/REHABILITATION										
1	River Road	Lochwinnoch Road	Algonquin Trail	2.27	Rehabilitation	April	May	June	July	
	<i>Horton & McNab/Braeside</i>									
4	Storyland Road	County Road 653 (Chenaux Road)	Alex Lane	2.80	Rehabilitation	May	June	September	October	
	<i>Horton</i>									
20	Bruce Street	Highway 60	Highway 17	3.11	Rehabilitation	May	May	July	September	
	<i>Renfrew & Horton</i>									
24	White Water Road	Highway 17	County Road 40 (Greenwood Road)	2.45	Rehabilitation	2022	2022	June	June	
	<i>Laurentian Valley</i>									
37	Murphy Road	Highway 17	County Road 26 (Doran Road)	2.16	Rehabilitation	March	April	June	June	
	<i>Petawawa</i>									
42	Forest Lea Road	Highway 17	County Road 51 (Pembroke Street W)	4.22	Rehabilitation	May	May	July	September	
	<i>Laurentian Valley</i>									
58	Road Lake Road	Deer Trail Road	B101(Bonnechere River Bridge)	2.52	Rehabilitation	May	May	June	July	
	<i>Killaloe, Hagarty and Richards</i>									
65	Centennial Lake Road	2872 Centennial Lake Rd.	Black Donald Access Point	1.63	Rehabilitation	May	June	July	August	
	<i>Greater Madawaska</i>									
508	Calabogie Road	County Road 34 (Norton Road)	Mill Street	1.84	Rehabilitation	May	June	July	October	
	<i>Greater Madawaska</i>									
508	Calabogie Road	Goshen Road	Highway 17	4.36	Rehabilitation	May	June	July	October	
	<i>McNab/Braeside</i>									
515	Palmer Road	Finch Road	County Road 514 (Schutt Road)	6.50	Rehabilitation	April	May	June	July	
	<i>Madawaska Valley & Brudenell Lyndoch & Raglan</i>									
517	Dafoe Road	Radcliffe Twp Line (Coulas Rd)	Serran Road	2.73	Rehabilitation	May	June	July	September	
	<i>Madawaska Valley</i>									
517	Dafoe Road	Serran Road	County Road 62 (Combermere Road)	3.22	Rehabilitation	2022	2022	June	June	
	<i>Madawaska Valley</i>									
Various	Scratchcoat	Various Locations	Various Locations		Scratch Coat Paving	May	June	July	August	
	<i>Various Locations</i>									

OPERATIONS PROGRAMS										
Type	Description	Term (Years)	Type	Specification	Tender	Award	Start	Complete	Status/Comments	
1	Pavement Marking	Paint/Glass Beads/Lines/Symbols	1	Equipment/Material	February	March	April	May	October	Complete
2	Street Sweeping	Winter/Debris Removal	1	Equipment	March	March	April	April	June	Complete
3	Manhole and Catch Basin Cleaning	Winter/Debris Removal	1	Equipment	March	March	April	April	July	Complete
4	Roadside Brushing	Tree/Brush Removal	1	Equipment	May	June	June	July	November	Ongoing
5	Steel Sign Post Quotation	Sign Installation Hardware	1	Material	March	April	April	April	July	Complete
6	Weed Control	Wild Parsnip/Poison Ivy	5	Equipment/Material	April	April	May	June	August	Complete
7	Signs & Traffic Control Equipment	Road Signage	1	Material	March	March	April	April	September	Complete
8	Winter Sand	Winter Abrasives	1	Supply/Delivery/Process	May	August	August	September	October	Ongoing
9	Loader Rental	Winter Operations	1	Equipment	July	September	October	November	April 1, 2024	Ongoing
10	AVL Service Renewal	Automatic Vehicle Location	10	Application/Network/Data	May	2020	2020	June	2030	Ongoing
11	Shouldering	Granular/Sealing	1	Material/Installation	Internal	Internal	Internal	June	October	Ongoing
12	Calcium Chloride	Pre-wet Sodium Chloride	1	Material	August	September	October	October	October	Ongoing
13	Crack Sealing	Pavement Preservation	1	Material/Installation	May	July	July	August	September	Complete
14	Curb Repair	Replace/Repair	1	Material/Repair	May	August	September	September	October	Ongoing
EQUIPMENT TENDERS										
Tender	Description	Quantity	Type	Specification	Tender	Canoe	Award	Delivery	Status/Comments	
1	HDT (Heavy Duty Truck)	Combination Plow/Spreader	3	Replace	April	-	September	October	2024	Ongoing
2	LDT (Light Duty Truck(s))	(1/2 ton 4WD)	1	Replace	April	September	-	October	2023	Ongoing
3	Wheeled Excavator	Wheeled Excavator and Attachments	1	New	April	-	October	November	2023	Ongoing
4	Tractor	Tractor	1	Replace	April	-	October	November	2023	Ongoing
5	Roller 3'	Shoulder Compaction	1	New	April	-	October	October	2023	Ongoing
6	U-Body Water Tank	PW Operations -CP	1	New	April	September	-	October	2023	Ongoing
7	Enclosed Cargo Trailer 20'	Construction Section	1	Replace	April	April	-	June	October	Complete
8	Equipment Refurbishment(s)	As per Spring Inspection	Varies	Existing	April	April	-	May - November	September	Complete
9	Brusher Head	1 new / 1 replacement	2	1 Replace/1 New	April	-	October	October	2023	Ongoing
HOUSING										
Tender	Location(s)	Type	Type	Design	Tender	Award	Start	Complete	Status/Comments	
1	Fuel Inventory and Access Systems	WWRP/CP/GP/SWP/CalP	Systems	New	July	July	August	September	October	Ongoing
2	Waste Oil Storage Systems	WWRP/SWP/GP/CP	Construct	Replace	April	June/July	July/August	September	October	Ongoing
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	2022	Winter Road Maintenance	2023	2033	10			Ongoing
2	Town of Deep River	County Road 72, County Road 73	2020	Winter Road Maintenance	2020	2030	10			Complete
3	Town of Renfrew	County Road 20, County Road 52	2019	Winter Road Maintenance	2019	2029	10			Complete
4	Township of Carlo Mayo	County Road 517	2022	Winter Road Maintenance	2022	2023	Annual			Complete
5	Contractor	County Road 635	2022	Winter Road Maintenance	2022	2023	Annual			Ongoing
6	Algonquins of Pikwakanagan	Golden Lake	2022	Use of facilities and materials	2022	2027	5			Complete
7	Bonnechere Valley	Foymount	2022	Use of facilities and materials	2022	2027	5			Complete

2023 CAPITAL PROGRAM VARIANCE - ROADS/BRIDGES

2023 CAPITAL PROGRAM VARIANCE - ROADS/BRIDGES										
	Road #	Location	From	To	Budgeted Length (km)	Actual Length (km)	2023 BUDGET	September Projected	Variance	Carry Over
Road Reconstruction/Rehabilitation										
	Note: Limits and Length of projects are approximate and subject to revision based on final design and budgets									
	1	River Road <i>McNab/Braeside & Horton</i>	Lochwinnoch Road	Algonquin Trail	2.27	1.88	1,137,007	879,000	-258,007	0
	2	Daniel Street S. <i>Arnprior</i>	Galvin Street	Edey Street	0.20	0.20	680,000	680,000	0	0
	4	Storyland Road <i>Horton</i>	Alex Lane	County Road 653 (Cheneux Road)	2.84	2.80	1,309,911	1,357,000	47,089	0
	20	Bruce Street <i>Renfrew & Horton</i>	Highway 60	Highway 17	3.11	2.61	539,559	562,000	22,441	0
	24	White Water Road <i>Laurentian Valley</i>	Highway 17	County Road 40 (Greenwood Road)	2.45	2.40	388,000	388,000	0	0
	24	White Water Road <i>Laurentian Valley</i>	Stafford Third Line	Highway 17	2.57		0	0	0	0
	30	Lake Dore Road <i>North Algona/Wilberforce</i>	Highway 60	Sperberg Road	3.26	3.26	2,529,548	3,324,347	794,799	0
	37	Murphy Road <i>Petawawa</i>	Highway 17	County Road 26 (Doran Road)	2.16	1.20	1,077,840	782,000	-295,840	0
	37	Murphy Road <i>Petawawa</i>	County Road 26 (Doran Road)	County Road 51 (Petawawa Blvd.)	0.93	0.00	490,588	100,000	-390,588	0
	42	Forest Lea Road <i>Laurentian Valley</i>	Highway 17	County Road 51 (Pembroke Street W)	4.22	4.25	759,352	735,000	-24,352	0
	58	Round Lake Road <i>Killaloe, Hagarty and Richards</i>	Deer Trail Road	B101 (Bonnechere River Bridge)	2.52	2.53	1,257,480	1,175,195	-82,285	0
	65	Centennial Lake Road <i>Greater Madawaska</i>	2872 Centennial Lake Rd	Black Donald Access Point	1.63	1.76	686,230	614,144	-72,086	0
	508	Calabogie Road <i>Greater Madawaska</i>	County Road 34 (Norton Road)	Mill Street	1.84	1.97	918,160	1,031,965	113,805	0
	508	Calabogie Road <i>McNab/Braeside</i>	Goshen Road	Highway 17	4.36	3.70	1,251,345	1,178,625	-72,720	0
	512	Foymount Road <i>Bonnechere Valley</i>	B257 (Harrington Creek Bridge)	Miller Road	6.57	6.57	4,490,190	8,250,000	3,759,810	0
	515	Palmer Road <i>Madawaska Valley & Brudenell, Lyndoch & Raglan</i>	Finch Road	County Road 514 (Schutt Road)	6.50	2.55	2,080,870	1,487,747	-593,123	0
	517	Dafoe Road <i>Madawaska Valley</i>	Radcliffe Twp Line (Coulas Rd)	Serran Road	2.73	2.65	1,274,410	1,176,000	-98,410	0
	517	Dafoe Road <i>Madawaska Valley</i>	Serran Road	County Road 62 (Combermere Road)	3.22	3.30	70,000	70,000	0	0
	635	Swisha Road <i>Laurentian Hills</i>	Highway 17	Interprovincial Bridge	0.30	0.30	300,000	340,000	40,000	0
		Scratch Coat Paving	Various Locations				750,000	723,000	-27,000	0
ROAD RECONSTRUCTION/REHABILITATION TOTALS					53.68		21,990,490	24,854,022	2,863,532	0
Bridge/Culvert Reconstruction/Rehabilitation										
Structure #	Structure Name	Location				2023 BUDGET	September Projected	Variance	Carry Over	
B044	Douglas Bridge	Admaston/Bromley (CR5 Stone Road)				1,800,000	1,100,000	-700,000	0	
B064	Pilgrim Road Bridge	Brudenell, Lyndoch & Raglan (Pilgrim Road)				380,000	470,000	90,000	0	
B257	Harrington Creek Bridge	Bonnechere Valley (CR512 Foymount Road)				800,000	600,000	-200,000	0	
B310	Ski Hill Bridge	Laurentian Valley (CR58 Round Lake Road)				1,200,000	1,069,000	-131,000	0	
C025	Borne Road Culvert	Laurentian Valley (Borne Road)				800,000	775,000	-25,000	0	
C115	Dunlop Crescent Dual Culvert	Head, Clara and Maria (Dunlop Crescent)				415,000	250,000	-165,000	0	
C137	Hanson Creek Culverts	McNab/Braeside (Robertson Line)				600,000	576,000	-24,000	0	
C168	Lake Clear Tri Culverts	Bonnechere Valley (Lake Clear Road)				419,000	419,000	0	0	
C191	Dicks Road Culvert	Laurentian Valley (Dicks Road)				200,000	200,000	0	0	
C197	Etmanskie Swamp Culvert	Madawaska Valley (CR62 John Street)				1,300,000	1,100,000	-200,000	0	
C325	Neilson Creek Culvert	Bonnechere Valley (Lake Clear Road)				31,000	31,000	0	0	
	General Bridge Repairs	Various Locations				100,000	100,000	0	0	
BRIDGE/CULVERT RECONSTRUCTION/REHABILITATION TOTALS						8,045,000	6,690,000	-1,355,000	0	
Roads/Bridge/Culvert Future Engineering										
ID	Name	Location				2023 BUDGET	September Projected	Variance	Carry Over	
B007	Butler Bridge	Admaston/Bromley (Butler Road)				20,000	20,000	0	0	
B102	Brennans Creek Bridge	Killaloe, Hagarty & Richards (CR512 Queen Street)				10,000	10,000	0	0	
B103	O'Grady Bridge	Killaloe, Hagarty & Richards (O'Grady Settlement Road)				26,500	34,000	7,500	0	
B108	Tramore Bridge	Killaloe, Hagarty & Richards (Tramore Road)				20,000	20,000	0	0	
B145	Combermere Bridge	Madawaska Valley (CR62 Combermere Road)				150,000	150,000	0	0	
B156	Burnt Bridge	Brudenell, Lyndoch & Raglan (Burnt Bridge Road)				53,000	53,000	0	0	
B181	Peter Black Bridge	Laurentian Valley (CR24 White Water Road)				180,000	105,000	-75,000	0	
B232	Cochrane Creek Bridge	North Algona Wilberforce (Cement Bridge Road)				50,000	50,000	0	0	
C001	Berlanquet Creek Culvert	Admaston/Bromley (CR5 Stone Road)				40,000	40,000	0	0	
C040	Snake River Culvert	Admaston/Bromley (CR8 Cobden Road)				25,000	25,000	0	0	
C051	Harris Creek Culvert	Admaston/Bromley (Proven Line)				20,000	20,000	0	0	
C062	John Watson Culvert 2	Brudenell, Lyndoch & Raglan (John Watson Road)				45,000	20,000	-25,000	0	
C130	Lochiel Creek Culvert North	McNab/Braeside (CR63 Miller Road)				40,000	40,000	0	0	
C136	Robertson Twin Pipes	McNab/Braeside (Robertson Line)				61,000	61,000	0	0	
C201	Broomes Creek Culvert	Whitewater Region (CR7 Foresters Falls Road)				200,000	200,000	0	0	
C204	Bellows Creek Culvert	Whitewater Region (CR12 Westmeath Road)				30,000	30,000	0	0	
C215	Elm Creek Culverts	Whitewater Region (Snake River Line)				36,000	36,000	0	0	

2023 CAPITAL PROGRAM VARIANCE - ROADS/BRIDGES											
	Road #	Location	From	To	Budgeted Length (km)	Actual Length (km)	<u>2023</u> <u>BUDGET</u>	September Projected	Variance	Carry Over	
	C221	Kenny's Culvert	Whitewater Region (Pleasant Valley Road)					20,000	20,000	0	0
	C268	St. Columbkille's Culvert	Laurentian Valley (CR58 Round Lake Road)					90,000	90,000	0	0
FUTURE ENGINEERING TOTALS							1,116,500	1,024,000	-92,500	0	
Traffic Signals - Upgrades			Various Locations				200,000	200,000	0	0	
SAFETY DEVICES TOTALS							200,000	200,000	0	0	
CAPITAL PROGRAM TOTAL:							31,351,990	32,768,022	1,416,032	0	



Council Members

Mayor Neil Nicholson

**Deputy Mayor Cathy
Regier**

Councillors:
Mark Bell

Michael Moore

Chris Olmstead

Connie Tabbert

Joey Trimm

Certified True Copy

County of Renfrew
9 international Drive
Pembroke, ON, K8A 6W5

Wednesday, September 20, 2023

**Re: Resolution - Haley/Godfrey Road Concern - Taylor
Gannon**

Dear Mr. Perkins,

At its meeting of September 20, 2023, the Council of the
Township of Whitewater Region adopted the following resolution:

**That Council of the Township of Whitewater Region
recommend that County investigate an all way stop at the
County Road 61 from Godfrey and Haley Road and
investigate with County a lower transition limit in the
hamlet on approach.**

Carried as amended - Resolution #2023-4957

(613) 646-2282

P.O. Box 40,
44 Main Street
Cobden, ON
K0J 1K0

Sincerely,

A handwritten signature in blue ink that reads "C Miller".

Carmen Miller
Clerk/CEMC



whitewaterregion.ca



Cramahe Township Council Resolution

June 29, 2023

Sent via Email

Hon. Caroline Mulroney, Minister of Transportation and Francophone Affairs
Hon. Steve Clark, Minister of Municipal Affairs and Housing
Hon. David Piccini, Minister of Environment, Conservation and Parks & MPP for
Northumberland - Peterborough South
Association of Municipalities of Ontario (AMO)
All Ontario Municipalities

RE: Amendments to the Highway Traffic Act

Please be advised that the Council of the Township of Cramahe passed the following resolution at their regular meeting held June 20, 2023 regarding the Highway Traffic Act Amendments.

Resolution No. 2023-213

Moved By: COUNCILLOR HAMILTON

Seconded By: DEPUTY MAYOR ARTHUR

BE IT RESOLVED THAT Council support the City of Cambridge resolution; and
THAT speeding on our roads is a major concern in our community; and
THAT speeding can occur in all areas of our community; and
THAT barriers and delays to enforcement pose a danger to our community; and
THAT our municipality has limited resources to implement speed mitigation road design and re-design; and

THAT our local police service has limited resources to undertake speed enforcement; and

THAT s.205.1 of the Highway Traffic Act (HTA) provides that Automated Speed Enforcement systems (ASE) may only be placed in designated community safety zones and school safety zones; and

THAT, the Township of Cramahe request that the Ontario Government amend s.205.1 of the HTA to permit municipalities to locate an ASE system permanently or temporarily on any roadway under the jurisdiction of municipalities and as

The Corporation of the Township of Cramahe

1 Toronto Street, P.O. Box 357, ON K0K 1S0 •Tel 905-355-2821•www.cramahe.ca

determined by municipalities and not be restricted to only community safety zones and school safety zones; and

THAT a copy of this resolution be forwarded to the Ontario Minister of Transportation, the Ontario Minister of Municipal Affairs and Housing, local area MPPs, the Association of Municipalities of Ontario (AMO) and all Ontario Municipalities.

CARRIED

Attached please find a copy of the City of Cambridge Council Resolution, dated May 10, 2023.

If you have any questions regarding the above resolution, please do not hesitate to contact me at nhamilton@cramahe.ca

Sincerely,

A handwritten signature in dark ink, appearing to read 'N Hamilton', with a stylized flourish at the end.

Nicole Hamilton
Municipal Deputy Clerk
Township of Cramahe

The Corporation of the City of Cambridge
Corporate Services Department
Clerk's Division
The City of Cambridge
50 Dickson Street, P.O. Box 669
Cambridge ON N1R 5W8
Tel: (519) 740-4680 ext. 4585
mantond@cambridge.ca

May 10, 2023

Re: Highway Traffic Act Amendments

Dear Ms. Mulroney,

At the Council Meeting of May 9, 2023, the Council of the Corporation of the City of Cambridge passed the following Motion:

WHEREAS speeding on our roads is a major concern in our community,

AND WHEREAS speeding can occur in all areas of our community,

AND WHEREAS barriers and delays to enforcement pose a danger to our community,

AND WHEREAS our municipality has limited resources to implement speed mitigation road design and re-design,

AND WHEREAS our local police service has limited resources to undertake speed enforcement,

AND WHEREAS s.205.1 of the Highway Traffic Act (HTA) provides that Automated Speed Enforcement systems (ASE) may only be placed in designated community safety zones and school safety zones,

THEREFORE BE IT RESOLVED THAT, the City of Cambridge request that the Ontario Government amend s.205.1 of the HTA to permit municipalities to locate an ASE system permanently or temporarily on any roadway under the jurisdiction of municipalities and as determined by municipalities and not be restricted to only community safety zones and school safety zones;

AND THAT a copy of this resolution be forwarded to the Ontario Minister of Transportation, the Ontario Minister of Municipal Affairs and Housing, local area MPPs, the Association of Municipalities of Ontario (AMO) and all Ontario Municipalities.

Should you have any questions related to the approved resolution, please contact me.

Yours Truly,



Danielle Manton
City Clerk

Cc: (via email)
Steve Clark, Ontario Minister of Municipal Affairs and Housing
Local Area MPPs
Association of Municipalities of Ontario (AMO)
All Ontario Municipalities

4452101 Canada Inc.
c.o.b.

Venture Interiors

146 Elgin Ave W
Renfrew Ontario
K7V 3V1

September 22, 2023

County of Renfrew
Development and Property
9 International Drive
Pembroke On
K8A 6W5

Attention: Kevin Radditz
Quote: 23-691301-VI

Kevin,

Thank you for the opportunity and please forgive me for how long it took me to get this back to you. It has been a crazy summer.

Regardless, take a look at this, so you will see that I have added 2 each 84" x 18" surfaces on the back on the first 2 workstations that can be used as a landing space with a multitude potential use. Also, I have added 2 more complete workstations one is slightly smaller due to the location of the pillar. They both have mobile storage. Now with these 2 units your aisle way in the front of these units is down to 41 1/4".

Let me know what you think of this layout.

Sub total	Net: \$ 12,632.40
Freight	\$ 150.00
HPL Upcharge	\$ 825.00
Installation	\$ 2,147.00
Sub Total	\$ 15,754.44
HST	\$ 2,048.07
Total	\$ 17,802.47

Thank you for this opportunity and please let me know if you need anything else. Let me know if you wish to proceed!

Take care, and have a great day.

Yours truly,

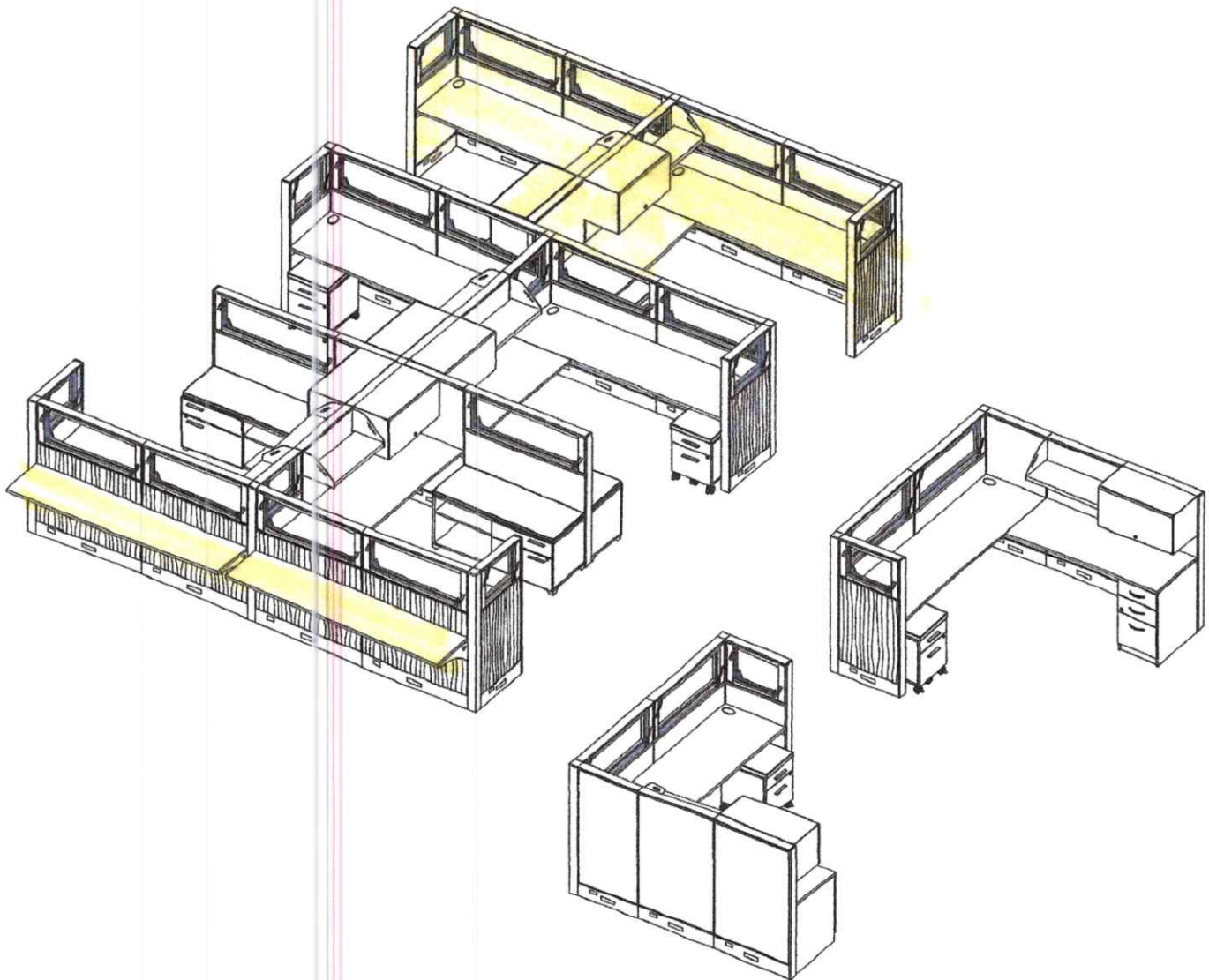

Arlene Jamieson

Phone: 613 433 3342

Cell: 613.433.0900 Email: arlene@venture-interiors.com

14452101 Canada Inc.
c.o.b. **Venture Interiors**
146 Elgin Ave. Renfrew ON K7V 3V1

O: 613 433 3842 C: 613 433 0900
arlene@venture-interiors.com



arlene@venture-interiors.com

tayco

Quote No. 624819
Project / Customer: Renfrew County - Phase 1 ADD ON
Dealer: VENTURE ENTERPRISES

Drawn By: S.A.N
Date: 08/28/2023

264

 $\frac{1}{4}$

COUNTY OF RENFREW

BY-LAW NUMBER

A BY-LAW TO AUTHORIZE THE DESIGNATION OF A COMMUNITY SAFETY ZONE

WHEREAS pursuant to Section 214.1(1) of the Highway Traffic Act, R.S.O. 1990, Chapter H.8, as amended, the Council of a municipality may by by-law designate a part of a highway under its jurisdiction as a community safety zone, if in the opinion of Council, public safety is of special concern on that part of the highway.

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

1. THAT the following portion of a highway in the geographic Township of Hagarty, Township of Killaloe, Hagarty and Richards, be designated as a Community Safety Zone:

Designated Highway Name	Between	Time Period
County Road 512 (Queen Street)	87 Queen Street and Boland Street	12:00 a.m. – 11:59 p.m.

2. THAT the penalties provided in the Highway Traffic Act shall apply to offences against this By-law.
3. THAT this By-law shall come into force and take effect on the date of final passage hereof and the installation of Community Safety Zone signage.

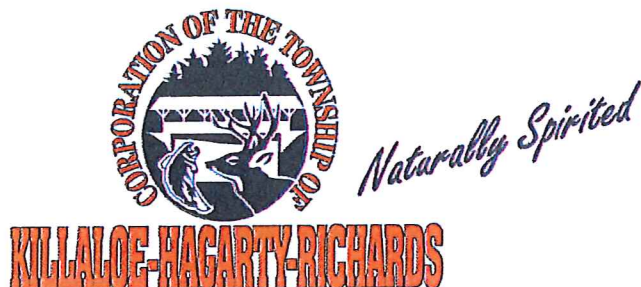
READ a first time this 25th day of October 2023.

READ a second time this 25th day of October 2023.

READ a third time and finally passed this 25th day of October 2023.

PETER EMON, WARDEN

CRAIG KELLEY, CLERK



TOWNSHIP OF KILLALOE, HAGARTY AND RICHARDS

Date: July 4, 2023

Resolution No.: 10

Moved by Margaret Macdonald

Seconded by Harold Savage

WHEREAS the Council for the Township of Killaloe, Hagarty and Richards supports the installation of "Community Safety Zone" signage by the County of Renfrew, at the County of Renfrew's discretion within the following boundaries and at no cost to the Township of Killaloe, Hagarty and Richards;

From Rochefort Road to Highway 60, from Highway 60 at Simpson Pit Road to County Road 58 (St. Casimir's Church) and from Highway 60 to Foy Park Corridor.

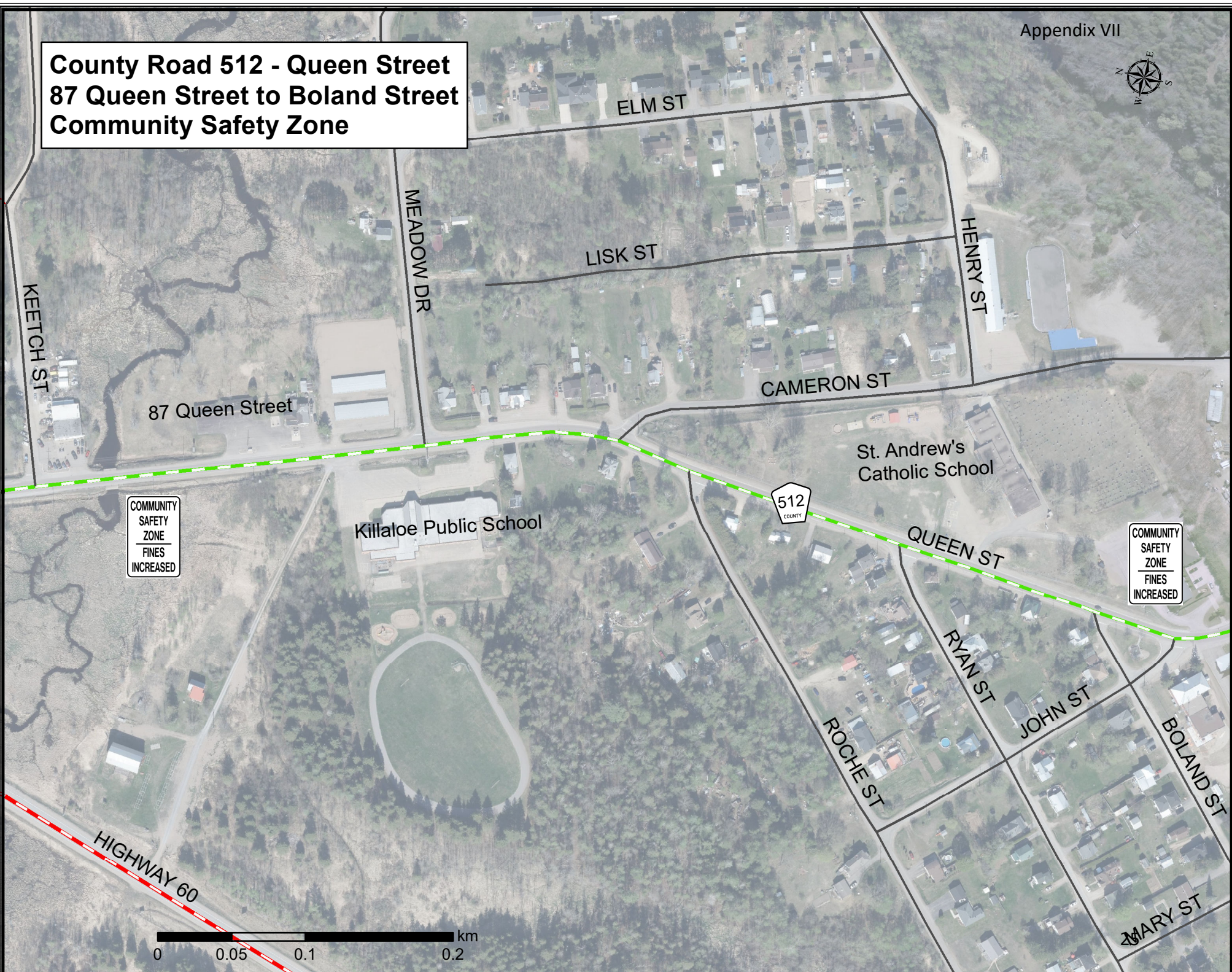
Carried: ✓

Not Carried: _____

<p>Certified a true copy</p> <p><u>Tammy Gorgarat</u></p> <p>Tammy Gorgarat, CAO/Clerk-Treasurer</p> <p>Township of Killaloe, Hagarty and Richards</p>

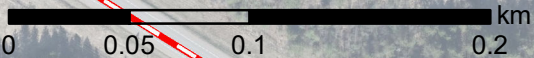


**County Road 512 - Queen Street
87 Queen Street to Boland Street
Community Safety Zone**



COMMUNITY
SAFETY
ZONE
FINES
INCREASED

COMMUNITY
SAFETY
ZONE
FINES
INCREASED



CAPITAL WORKS DIVISION REPORT

Prepared By: Taylor Hanrath, Manager of Capital Works

Prepared for: Operations Committee

October 10, 2023

RESOLUTIONS**1. County Road 2 (White Lake Road) Speed Study**

Recommendation: THAT the Operations Committee recommends to County Council that the posted speed limit remain unchanged at this time for County Road 2 (White Lake Road) between Robertson Line and Green Meadow Road.

Background

At the May 16, 2023, meeting of the Operations Committee, Resolution No. OP-C-23-05-63 was passed with the recommendation that no speed limit adjustment be required for White Lake Road (County Road 2) between Robertson Line and Kippen Road.

At the same meeting, Committee was advised that a new speed limit reduction request, attached as Appendix IN-I, was received from the Township of McNab/Braeside for the section of White Lake Road (County Road 2) between Highland Road (County Road 23) and Green Meadow Road and that staff would be conducting a review and reporting back at a later date.

Attached as Appendix IN-II is an operational speed study at four locations identified on the map that was completed by staff. The transportation industry widely uses the 85th percentile operating speeds as an indication of the public's comfortable travelling speed as it represents 85% of traffic travelling at or under the specified speed. The resulting 85th percentile speeds from the study are as follows:

- Site 1 (Near 2630 White Lake Road): 85km/h
- Site 2 (Near Robertson Line): 96km/h
- Site 3 (Near 1511 White Lake Road): 87km/h
- Site 4 (Near Green Meadow Road): 82km/h (posted speed limit of 60km/h)

The operational speeds are within an expected range for this type of roadway, although there is a noted outlier in the area just north of Robertson Line. The higher operating speeds at this location are likely due in part to this being a straight stretch of road without any visual obstructions and a painted passing opportunity. The study location was near the bottom of a hill which also explains in part the higher operating speeds from the southern direction.

The data for the Site 4 location near Green Meadow Road was taken from an existing flashing radar speed sign that has been in place for a few years. This sign flashes vehicles

operating speeds as they approach in an attempt to remind drivers to slow down to the posted speed limit of 60km/h. The data downloaded represents a two year timeframe and although the posted speed limit is 60km/h, the 85th percentile speed is 82km/h. This is indicative that drivers will travel at the speed for which the road has been designed and at which they feel most comfortable.

A ball bank review of the curves between Green Meadow Road and Robertson Line confirms that all meet the requirements for an 80km/h posted speed limit and that none of them require reduction warning tabs. The curves that required speed reduction warning tabs between Robertson Line and Highland Road were identified as part of an earlier review.

County Road 2 (White Lake Road) provides an important connection between the Village of White Lake and the surrounding area to the Town of Arnprior and Highway 417. Its purpose is both for land access and commuter traffic travelling to work as well as for essential services within urban areas and it should be protected as an efficient, free flowing roadway. It is therefore the view of staff that the posted speed limits on White Lake Road (County Road 2) should remain as they are. Where specific areas of concern with regards to obeying the speed limits are present, the OPP should be contacted to request enforcement. Where there are locations that are believed to be unsafe due to roadway obstructions, geometry etc., those areas should be identified and forwarded to the Public Works and Engineering Department for further review.

2. Lynch Road Culvert County Structure Assumption Request

Recommendation: THAT the Operations Committee recommends to County Council that the assumption of Lynch Road Culvert, on Lynch Road, 0.1km west of Dragonfly Way, in the Township of Admaston/Bromley be approved; AND FURTHER THAT the costs for design and construction of Lynch Road Culvert be shared equally between the County of Renfrew and the Township of Admaston/Bromley; AND FURTHER THAT staff be directed to complete the design for the replacement of Lynch Culvert and plan for replacement in 2024.

Background

In early June, County staff were made aware of a culvert on Lynch Road that may meet the criteria to be a County Structure and that should be replaced in the near future. The culvert is 0.1km west of Dragonfly Way, in the Township of Admaston/Bromley. The culvert is not a County Structure; however, it does have a span of 3m. Attached as Appendix IN-III is a resolution from the Township of Admaston/Bromley requesting that the County of Renfrew review the Lynch Road Culvert as it has met the requirements of County Policy PW-02, Bridges, and predeceasing applicable Bridge Policies from the time it was installed.

County of Renfrew Policy PW-02 states that the following criteria must be met for a bridge to qualify as a County Structure:

- Be located within the municipal boundaries of the County of Renfrew;

- Be located within a public right-of-way; and
- Have a cumulative span of 3.0 metres or greater.

The existing culvert meets all of the above criteria. Additionally, County staff have completed an initial hydraulic review of the culvert and found that at minimum a 3m span should be maintained. Policy PW-02 Subsection 2.2, Requests for Assumption as County Structure, stipulates that where a crossing that is not considered a County Structure requires replacement and it is confirmed through hydraulic design that the replacement crossing will meet criteria to be a County Structure, and is subsequently approved for assumption as a County Structure, the cost for the design and construction of the replacement structure shall be shared equally between the County of Renfrew and the local Municipality.

Given that this crossing is nearing the end of its service life, replacement is required during the 2024 construction season. The County is capable of undertaking a design such as this with internal staff. As such, in order to save costs, County staff could undertake the design for this crossing replacement and share in the costs with the Township of Admaston/Bromley.



Regular Council Meeting Resolution Form

Date: April 4, 2023 No: RESOLUTION - 140-2023

Moved by Deputy Mayor Lori Hoddinott Disposition: CARRIED

Seconded by Councillor Scott Brum Item No: 8.2

Description: Speed Concerns on White Lake Road

RESOLUTION:

THAT Council direct staff to send a recommendation to County Council requesting that they lower the speed on White Lake Road from Green Meadow Road to Highland Road to a 70 km/hr zone.


MAYOR

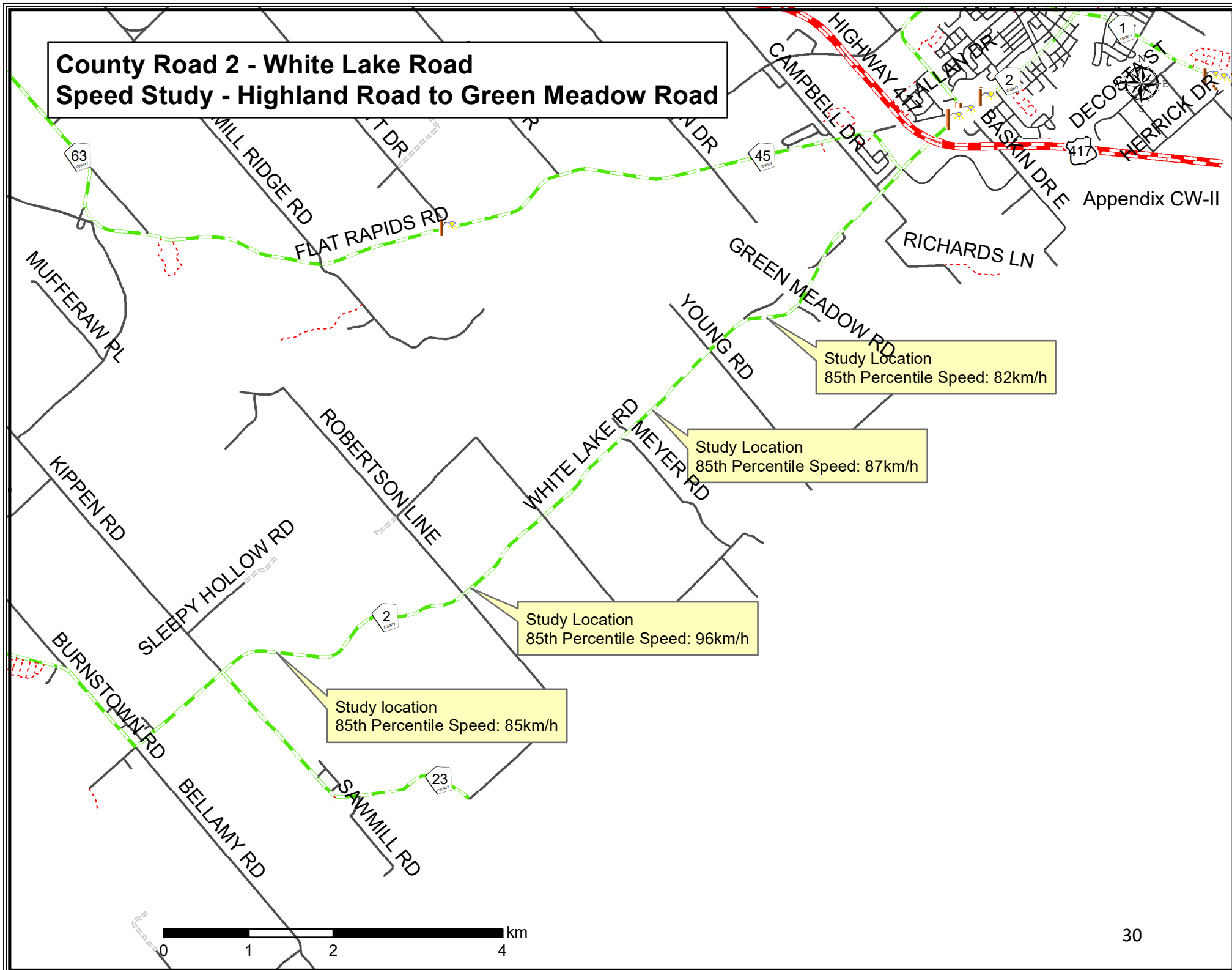
Recorded Vote Requested by:

Declaration of Pecuniary Interest:

	Yea	Nay
M. MacKenzie	_____	_____
L. Hoddinott	_____	_____
K. Rosien	_____	_____
S. Brum	_____	_____
R. Campbell	_____	_____

Disclosed his/her/their interest(s), vacated
he/her/their seat(s),
abstained from discussion and did not vote

County Road 2 - White Lake Road Speed Study - Highland Road to Green Meadow Road



Appendix CW-II

County of Renfrew

Public Works and Engineering

Page 1

White Lake Road (County Road 2)

Location: At Civic Address 2630 White Lake Road

Site Code:
Station ID:

Latitude: 0' 0.0000 Undefined

Direction 1, Direction 2

Start	1	25	33	41	49	57	65	73	81	89	97	105	113	121	
Time	24	32	40	48	56	64	72	80	88	96	104	112	120	9999	Total
08-31-21	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
01:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
02:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
03:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
04:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
05:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
06:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
07:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
08:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
09:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
11:00	0	0	0	0	0	9	27	53	17	3	0	0	0	0	109
12 PM	0	0	0	0	0	6	38	27	24	4	0	0	0	0	99
13:00	0	0	0	0	2	3	23	37	26	9	1	0	0	0	101
14:00	0	0	0	0	1	7	26	58	23	4	1	0	0	0	120
15:00	0	0	0	0	2	9	34	36	15	6	1	0	0	0	103
16:00	0	0	0	0	6	5	34	58	27	5	1	0	0	0	136
17:00	0	0	0	0	0	2	19	52	35	9	3	0	0	0	120
18:00	0	0	0	0	2	3	11	24	22	4	1	0	0	0	67
19:00	0	0	0	0	1	6	7	19	19	4	2	0	0	0	58
20:00	0	0	0	0	1	6	12	9	3	0	0	0	0	0	31
21:00	0	0	0	0	0	0	9	11	4	2	1	0	0	0	27
22:00	0	0	0	0	0	0	0	8	4	2	1	1	0	0	16
23:00	0	0	0	0	0	1	0	0	1	0	0	0	0	0	2
Total	0	0	0	0	15	57	240	392	220	52	12	1	0	0	989

Daily

15th Percentile : 66 KPH
50th Percentile : 75 KPH
85th Percentile : 84 KPH
95th Percentile : 90 KPH

Mean Speed(Average) : 76 KPH
15 KPH Pace Speed : 66-80 KPH
Number in Pace : 602
Percent in Pace : 60.9%
Number of Vehicles > 80 KPH : 285
Percent of Vehicles > 80 KPH : 28.8%

County of Renfrew

Public Works and Engineering

White Lake Road (County Road 2)

Location: At Civic Address 2630 White Lake Road

Site Code:
Station ID:

Latitude: 0' 0.0000 Undefined

Direction 1, Direction 2

Start	1	25	33	41	49	57	65	73	81	89	97	105	113	121	
Time	24	32	40	48	56	64	72	80	88	96	104	112	120	9999	Total
09-01-21	0	0	0	0	1	1	0	1	0	0	0	0	0	0	3
01:00	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
02:00	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
03:00	0	0	0	0	0	0	1	1	0	0	0	0	0	0	2
04:00	0	0	0	0	0	1	3	2	1	0	0	0	0	0	7
05:00	0	0	0	0	0	1	3	7	9	2	0	0	0	0	22
06:00	0	0	0	0	0	3	5	17	10	4	3	2	0	0	44
07:00	0	0	0	2	4	8	16	18	14	4	3	0	0	0	69
08:00	0	0	0	0	0	5	25	38	11	3	0	0	0	0	82
09:00	0	0	0	0	0	5	26	39	11	3	1	0	0	0	85
10:00	0	0	0	0	0	9	32	43	15	4	0	1	0	0	104
11:00	0	0	0	0	0	7	40	46	10	4	0	0	0	0	107
12 PM	0	3	1	1	0	6	24	44	18	4	3	0	0	0	104
13:00	0	0	0	0	5	5	22	50	20	6	1	0	0	0	109
14:00	0	0	0	0	2	6	33	39	13	4	0	0	0	0	97
15:00	0	0	0	0	0	5	28	42	24	6	1	0	0	0	106
16:00	0	0	0	1	2	6	30	64	30	7	5	0	1	0	146
17:00	0	0	0	0	2	4	18	47	29	6	2	2	1	0	111
18:00	0	0	0	0	2	1	9	24	17	5	3	0	0	0	61
19:00	0	0	2	0	1	1	7	24	6	2	2	0	0	0	45
20:00	0	0	0	0	0	2	12	17	13	3	2	0	0	0	49
21:00	0	0	0	0	0	0	11	13	11	1	2	2	0	0	40
22:00	0	0	0	0	0	0	3	6	6	1	1	0	0	0	17
23:00	0	0	0	0	0	0	0	2	1	2	0	0	0	0	5
Total	0	3	3	4	19	76	349	585	269	71	29	7	2	0	1417

Daily

15th Percentile : 66 KPH
50th Percentile : 75 KPH
85th Percentile : 84 KPH
95th Percentile : 92 KPH

Mean Speed(Average) : 76 KPH
15 KPH Pace Speed : 66-80 KPH
Number in Pace : 890
Percent in Pace : 62.8%
Number of Vehicles > 80 KPH : 378
Percent of Vehicles > 80 KPH : 26.7%

County of Renfrew

Public Works and Engineering

White Lake Road (County Road 2)

Location: At Civic Address 2630 White Lake Road

Site Code:
Station ID:

Latitude: 0' 0.0000 Undefined

Direction 1, Direction 2

Start	1	25	33	41	49	57	65	73	81	89	97	105	113	121	
Time	24	32	40	48	56	64	72	80	88	96	104	112	120	9999	Total
09-02-21	0	0	0	0	0	1	2	1	0	0	0	0	0	0	4
01:00	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
04:00	0	0	0	0	0	1	1	0	1	0	0	0	0	0	3
05:00	0	0	0	0	1	2	3	4	5	3	0	0	0	0	18
06:00	0	0	0	0	0	1	5	7	14	5	1	1	0	0	34
07:00	0	0	0	2	3	3	7	18	11	7	1	0	0	0	52
08:00	0	0	0	0	1	8	11	28	15	3	1	0	0	0	67
09:00	0	0	0	0	2	3	31	31	12	2	0	0	0	0	81
10:00	0	0	0	0	3	5	39	39	11	3	0	0	1	0	101
11:00	0	0	0	0	0	9	33	64	20	3	0	0	0	0	129
12 PM	0	0	0	2	3	5	40	43	17	4	0	0	0	0	114
13:00	0	0	0	1	1	7	42	32	14	5	0	0	0	0	102
14:00	0	0	0	0	1	4	23	53	15	5	1	0	0	0	102
15:00	0	0	0	0	2	10	31	57	14	7	1	1	0	0	123
16:00	0	0	0	0	2	6	26	58	37	9	2	0	0	0	140
17:00	0	0	0	0	0	1	9	49	26	10	2	0	0	0	97
18:00	0	0	0	0	1	1	9	32	24	8	1	0	1	0	77
19:00	0	0	0	0	1	5	11	26	18	8	1	0	0	0	70
20:00	0	0	0	0	1	5	7	11	4	1	2	0	0	0	31
21:00	0	0	0	2	0	2	6	8	10	3	0	1	0	0	32
22:00	0	0	0	0	0	0	3	1	3	2	0	0	0	0	9
23:00	0	0	0	0	0	2	3	3	1	1	0	1	0	0	11
Total	0	0	0	7	22	81	342	566	273	89	13	4	2	0	1399

Daily

15th Percentile : 66 KPH
 50th Percentile : 75 KPH
 85th Percentile : 85 KPH
 95th Percentile : 91 KPH

Mean Speed(Average) : 76 KPH
 15 KPH Pace Speed : 66-80 KPH
 Number in Pace : 865
 Percent in Pace : 61.8%
 Number of Vehicles > 80 KPH : 381
 Percent of Vehicles > 80 KPH : 27.2%

County of Renfrew

Public Works and Engineering

White Lake Road (County Road 2)

Location: At Civic Address 2630 White Lake Road

Site Code:
Station ID:

Latitude: 0' 0.0000 Undefined

Direction 1, Direction 2

Start Time	1 24	25 32	33 40	41 48	49 56	57 64	65 72	73 80	81 88	89 96	97 104	105 112	113 120	121 9999	Total
09-03-21	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
01:00	0	0	0	0	0	0	2	0	0	0	0	0	1	0	3
02:00	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:00	0	0	0	0	0	0	0	4	1	1	0	1	0	0	7
05:00	0	0	0	0	0	1	1	10	7	1	0	0	0	0	20
06:00	0	0	0	0	0	0	7	14	12	3	2	1	0	0	39
07:00	0	0	0	0	2	3	18	26	11	2	2	0	0	0	64
08:00	0	0	0	1	0	3	31	29	7	5	4	0	0	0	80
09:00	0	0	0	0	4	2	27	36	18	4	2	1	0	0	94
10:00	0	0	0	0	1	6	37	40	9	5	0	0	0	0	98
11:00	0	0	1	1	1	17	44	49	17	4	3	0	0	0	137
12 PM	0	0	0	0	3	3	28	60	24	7	2	0	0	0	127
13:00	0	0	0	0	0	5	33	62	32	9	0	0	0	0	141
14:00	0	0	0	0	0	0	36	62	34	6	1	0	0	0	139
15:00	0	0	0	0	0	6	35	54	39	2	1	0	0	0	137
16:00	0	0	0	0	2	3	35	51	39	16	1	0	0	0	147
17:00	0	0	0	0	0	6	20	54	45	7	1	0	0	0	133
18:00	0	0	1	0	0	5	23	34	28	9	8	1	0	0	109
19:00	0	0	0	0	1	3	15	38	14	3	3	0	0	0	77
20:00	0	0	0	2	0	2	10	11	14	6	7	0	0	0	52
21:00	0	0	0	0	0	0	5	7	9	0	2	0	0	0	23
22:00	0	0	0	0	0	3	0	2	2	4	0	0	1	0	12
23:00	0	0	0	0	0	1	1	3	2	1	0	0	0	0	8
Total	0	0	2	4	14	69	408	647	364	96	39	4	2	0	1649

Daily

15th Percentile : 67 KPH
50th Percentile : 76 KPH
85th Percentile : 85 KPH
95th Percentile : 92 KPH

Mean Speed(Average) : 77 KPH
15 KPH Pace Speed : 66-80 KPH
Number in Pace : 1004
Percent in Pace : 60.9%
Number of Vehicles > 80 KPH : 505
Percent of Vehicles > 80 KPH : 30.6%

County of Renfrew

Public Works and Engineering

White Lake Road (County Road 2)

Location: At Civic Address 2630 White Lake Road

Site Code:
Station ID:

Latitude: 0' 0.0000 Undefined

Direction 1, Direction 2

Start	1	25	33	41	49	57	65	73	81	89	97	105	113	121	
Time	24	32	40	48	56	64	72	80	88	96	104	112	120	9999	Total
09-04-21	0	0	0	0	0	0	3	2	0	1	0	0	0	0	6
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:00	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
03:00	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
04:00	0	0	0	0	0	1	0	1	0	0	0	0	0	0	2
05:00	0	0	0	0	0	0	0	1	1	1	0	0	0	0	3
06:00	0	0	0	0	0	0	1	1	2	0	0	0	0	0	4
07:00	0	0	0	0	0	2	7	11	1	1	1	0	0	0	23
08:00	0	0	0	0	0	2	9	27	12	8	0	0	0	0	58
09:00	0	1	2	0	0	4	17	31	28	4	0	0	0	0	87
10:00	0	0	0	0	2	2	41	48	36	7	1	1	0	0	138
11:00	0	0	0	0	2	7	24	68	31	6	5	1	0	0	144
12 PM	0	0	0	0	0	6	34	42	30	3	1	0	0	0	116
13:00	0	0	0	0	2	7	37	59	25	3	0	0	0	0	133
14:00	0	0	0	0	0	9	41	49	31	4	2	1	0	0	137
15:00	0	0	0	0	0	7	32	38	20	8	1	0	0	0	106
16:00	0	0	0	0	0	8	17	47	25	3	1	0	0	0	101
17:00	0	0	0	0	2	5	15	37	17	2	2	0	0	0	80
18:00	0	0	0	0	0	5	17	28	13	3	1	0	0	0	67
19:00	0	0	0	0	1	8	21	21	11	2	0	0	0	0	64
20:00	0	0	0	0	1	6	12	10	4	0	0	0	0	0	33
21:00	0	0	0	0	0	5	4	7	4	3	0	0	0	0	23
22:00	0	0	0	0	0	1	5	3	3	0	2	0	0	0	14
23:00	0	0	0	0	1	0	5	0	0	1	0	0	0	0	7
Total	0	1	2	0	11	85	342	532	295	60	17	3	0	0	1348

Daily

15th Percentile : 66 KPH
 50th Percentile : 75 KPH
 85th Percentile : 84 KPH
 95th Percentile : 89 KPH

Mean Speed(Average) : 76 KPH
 15 KPH Pace Speed : 66-80 KPH
 Number in Pace : 831
 Percent in Pace : 61.6%
 Number of Vehicles > 80 KPH : 375
 Percent of Vehicles > 80 KPH : 27.8%

County of Renfrew

Public Works and Engineering

White Lake Road (County Road 2)

Location: At Civic Address 2630 White Lake Road

Site Code:
Station ID:

Latitude: 0' 0.0000 Undefined

Direction 1, Direction 2

Start Time	1 24	25 32	33 40	41 48	49 56	57 64	65 72	73 80	81 88	89 96	97 104	105 112	113 120	121 9999	Total
09-05-21	0	0	0	0	0	0	5	3	1	1	0	0	0	0	10
01:00	0	0	0	0	0	0	1	0	0	0	1	0	0	0	2
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
04:00	0	0	0	0	0	0	2	0	0	0	0	0	0	0	2
05:00	0	0	0	0	0	1	8	6	2	0	1	0	0	0	18
06:00	0	0	0	0	0	3	2	11	1	0	0	0	0	0	17
07:00	0	0	0	1	1	0	5	7	0	0	0	0	0	0	14
08:00	0	0	0	0	0	2	7	10	4	0	0	0	0	0	23
09:00	0	0	0	0	0	1	15	29	19	4	2	0	0	0	70
10:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
11:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12 PM	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
14:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
15:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
16:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
17:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
18:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
21:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
22:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
23:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Total	0	0	0	1	1	7	45	66	28	5	4	0	0	0	157

Daily

15th Percentile : 66 KPH
50th Percentile : 74 KPH
85th Percentile : 83 KPH
95th Percentile : 89 KPH

Mean Speed(Average) : 76 KPH
15 KPH Pace Speed : 66-80 KPH
Number in Pace : 105
Percent in Pace : 66.9%
Number of Vehicles > 80 KPH : 37
Percent of Vehicles > 80 KPH : 23.6%

Grand Total	0	4	7	16	82	375	1726	2788	1449	373	114	19	6	0	6959
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Overall

15th Percentile : 66 KPH
50th Percentile : 75 KPH
85th Percentile : 85 KPH
95th Percentile : 91 KPH

Mean Speed(Average) : 76 KPH
15 KPH Pace Speed : 66-80 KPH
Number in Pace : 4298
Percent in Pace : 61.8%
Number of Vehicles > 80 KPH : 1961
Percent of Vehicles > 80 KPH : 28.2%

County of Renfrew

Public Works and Engineering

White Lake Road (County Road 2) Location: 50m North of Robertson Line

Site Code:
Station ID:

Latitude: 0' 0.0000 South

NB, SB

Start Time	1 24	25 32	33 40	41 48	49 56	57 64	65 72	73 80	81 88	89 96	97 104	105 112	113 120	121 9999	Total
06-15-23	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
01:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
02:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
03:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
04:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
05:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
06:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
07:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
08:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
09:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
11:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12 PM	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13:00	0	0	0	0	0	1	7	19	41	30	11	2	0	0	111
14:00	0	0	0	0	0	2	5	25	42	16	6	5	1	1	103
15:00	0	0	0	0	0	0	4	25	30	28	13	2	0	0	102
16:00	0	0	0	0	1	0	2	21	35	18	14	0	0	0	91
17:00	0	0	0	0	0	0	2	26	31	21	14	3	2	1	100
18:00	0	0	0	0	0	0	4	5	16	9	9	5	0	0	48
19:00	0	0	0	0	0	1	2	7	19	9	4	1	0	0	43
20:00	0	0	0	0	0	0	0	11	16	4	9	1	0	0	41
21:00	0	0	0	0	0	2	7	5	6	3	1	0	1	0	25
22:00	0	0	0	0	1	0	0	5	0	2	0	1	0	0	9
23:00	0	0	0	0	0	0	1	0	1	0	0	1	0	0	3
Total	0	0	0	0	2	6	34	149	237	140	81	21	4	2	676

Daily

15th Percentile : 75 KPH
50th Percentile : 84 KPH
85th Percentile : 96 KPH
95th Percentile : 103 KPH

Mean Speed(Average) : 86 KPH
15 KPH Pace Speed : 74-88 KPH
Number in Pace : 367
Percent in Pace : 54.3%
Number of Vehicles > 80 KPH : 485
Percent of Vehicles > 80 KPH : 71.7%

County of Renfrew

Public Works and Engineering

White Lake Road (County Road 2) Location: 50m North of Robertson Line

Site Code:
Station ID:

Latitude: 0' 0.0000 South

NB, SB

Start Time	1 24	25 32	33 40	41 48	49 56	57 64	65 72	73 80	81 88	89 96	97 104	105 112	113 120	121 9999	Total
06-16-23	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
01:00	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
04:00	0	0	0	0	0	0	1	1	0	1	0	0	0	0	3
05:00	0	0	0	0	0	0	2	3	7	7	8	2	1	0	30
06:00	1	1	0	0	0	1	1	13	16	13	8	3	1	1	59
07:00	0	0	0	0	0	3	3	13	16	14	6	0	0	0	55
08:00	0	0	0	0	0	0	4	28	29	15	8	2	0	0	86
09:00	0	0	0	1	0	0	4	14	20	13	14	5	0	0	71
10:00	0	0	0	0	0	2	3	28	25	21	10	2	0	0	91
11:00	0	0	0	0	0	0	7	21	27	22	14	2	1	0	94
12 PM	0	0	0	0	0	1	4	16	28	15	13	2	0	2	81
13:00	0	0	0	0	0	3	10	24	41	15	6	0	1	0	100
14:00	0	0	0	0	0	0	2	16	26	27	12	2	0	1	86
15:00	0	0	0	0	0	2	1	16	33	24	8	2	2	0	88
16:00	0	0	0	0	0	0	10	23	28	33	17	4	1	2	118
17:00	0	0	0	0	0	0	2	13	24	19	11	3	2	1	75
18:00	0	0	0	0	0	0	3	15	21	17	4	1	0	1	62
19:00	0	0	0	0	0	0	1	13	17	8	10	1	1	0	51
20:00	0	0	0	0	0	0	3	8	13	8	2	2	0	0	36
21:00	0	0	0	0	0	1	3	5	1	3	1	1	0	0	15
22:00	0	0	0	0	0	0	2	3	5	2	1	0	0	0	13
23:00	0	0	0	0	0	1	2	2	1	2	0	0	0	0	8
Total	1	1	0	1	0	14	68	276	378	281	153	34	10	8	1225

Daily

15th Percentile : 74 KPH
50th Percentile : 85 KPH
85th Percentile : 96 KPH
95th Percentile : 103 KPH

Mean Speed(Average) : 86 KPH
15 KPH Pace Speed : 81-95 KPH
Number in Pace : 624
Percent in Pace : 50.9%
Number of Vehicles > 80 KPH : 864
Percent of Vehicles > 80 KPH : 70.5%

County of Renfrew

Public Works and Engineering

White Lake Road (County Road 2) Location: 50m North of Robertson Line

Site Code:
Station ID:

Latitude: 0' 0.0000 South

NB, SB

Start Time	1 24	25 32	33 40	41 48	49 56	57 64	65 72	73 80	81 88	89 96	97 104	105 112	113 120	121 9999	Total
06-17-23	0	0	0	0	0	1	1	0	0	0	0	0	0	1	3
01:00	0	0	0	0	0	0	0	0	0	0	2	0	0	0	2
02:00	0	0	0	0	0	0	0	0	1	1	1	0	0	0	3
03:00	0	0	0	0	1	0	0	0	1	0	0	0	0	0	2
04:00	0	0	0	0	0	0	2	0	0	1	0	0	0	0	3
05:00	0	0	0	0	0	0	5	0	4	4	0	1	0	0	14
06:00	0	0	0	0	0	1	3	5	8	7	3	0	0	1	28
07:00	0	0	0	0	0	1	1	6	6	8	2	0	2	0	26
08:00	0	0	0	0	0	1	3	15	16	12	6	4	2	0	59
09:00	0	0	0	0	0	0	7	23	33	21	7	1	0	1	93
10:00	0	0	0	0	0	1	4	18	42	18	8	1	0	0	92
11:00	0	0	0	0	0	0	2	25	36	14	8	1	2	1	89
12 PM	0	0	0	0	0	0	5	26	37	31	14	3	0	0	116
13:00	0	0	0	0	0	0	5	14	44	20	8	2	1	0	94
14:00	0	0	0	0	0	0	2	21	27	22	12	2	0	1	87
15:00	1	0	1	0	0	0	2	22	19	11	8	2	0	0	66
16:00	0	0	3	0	0	2	8	15	22	17	8	3	0	0	78
17:00	1	0	0	0	0	2	5	14	27	15	12	3	0	1	80
18:00	0	0	0	0	0	4	2	8	16	4	2	1	0	0	37
19:00	0	0	0	0	0	0	2	5	16	15	3	2	0	0	43
20:00	0	0	0	0	0	0	4	9	16	9	7	1	0	0	46
21:00	0	0	0	0	0	1	4	2	6	9	2	3	0	0	27
22:00	0	0	0	0	0	0	1	2	3	3	4	0	0	0	13
23:00	0	0	0	0	0	1	1	2	1	0	3	1	0	0	9
Total	2	0	4	0	1	15	69	232	381	242	120	31	7	6	1110

Daily

15th Percentile : 74 KPH
50th Percentile : 84 KPH
85th Percentile : 95 KPH
95th Percentile : 102 KPH

Mean Speed(Average) : 86 KPH
15 KPH Pace Speed : 81-95 KPH
Number in Pace : 593
Percent in Pace : 53.4%
Number of Vehicles > 80 KPH : 787
Percent of Vehicles > 80 KPH : 70.9%

County of Renfrew

Public Works and Engineering

White Lake Road (County Road 2) Location: 50m North of Robertson Line

Site Code:
Station ID:

Latitude: 0' 0.0000 South

NB, SB

Start Time	1 24	25 32	33 40	41 48	49 56	57 64	65 72	73 80	81 88	89 96	97 104	105 112	113 120	121 9999	Total
06-18-23	0	0	0	0	0	1	0	0	0	0	0	0	0	1	2
01:00	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
02:00	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
03:00	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
04:00	0	0	0	0	0	0	1	0	1	0	1	0	0	0	3
05:00	0	0	0	0	0	0	0	1	2	3	1	0	0	0	7
06:00	0	0	0	0	0	1	1	4	5	3	0	1	0	0	15
07:00	2	0	0	0	0	1	0	7	8	4	0	0	0	0	22
08:00	0	0	0	0	0	0	2	12	11	11	13	3	1	0	53
09:00	0	0	0	0	0	2	3	13	26	12	9	1	0	0	66
10:00	0	0	0	0	0	1	5	23	27	23	10	2	0	0	91
11:00	0	0	0	0	0	0	3	22	38	17	4	1	1	1	87
12 PM	0	1	0	0	0	1	3	19	38	24	7	4	1	0	98
13:00	0	0	0	0	0	1	11	21	29	11	8	2	0	0	83
14:00	0	0	0	0	1	0	4	23	31	17	12	0	0	0	88
15:00	1	0	0	0	0	0	7	19	41	32	16	3	0	0	119
16:00	0	0	0	0	0	0	3	19	27	18	13	3	0	0	83
17:00	0	0	0	0	1	2	1	8	21	10	11	2	0	0	56
18:00	0	0	0	0	0	0	1	5	17	9	9	3	1	1	46
19:00	2	0	0	0	0	2	0	13	17	9	9	5	0	0	57
20:00	0	0	0	0	0	0	6	7	12	7	5	1	0	0	38
21:00	0	0	0	0	1	0	3	5	8	1	1	0	0	0	19
22:00	0	0	0	0	0	0	1	2	1	1	0	2	1	0	8
23:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	5	1	0	0	3	12	55	223	361	214	129	33	5	3	1044

Daily

15th Percentile : 74 KPH
50th Percentile : 84 KPH
85th Percentile : 96 KPH
95th Percentile : 103 KPH

Mean Speed(Average) : 86 KPH
15 KPH Pace Speed : 74-88 KPH
Number in Pace : 556
Percent in Pace : 53.3%
Number of Vehicles > 80 KPH : 745
Percent of Vehicles > 80 KPH : 71.4%

County of Renfrew

Public Works and Engineering

White Lake Road (County Road 2) Location: 50m North of Robertson Line

Site Code:
Station ID:

Latitude: 0' 0.0000 South

NB, SB

Start Time	1 24	25 32	33 40	41 48	49 56	57 64	65 72	73 80	81 88	89 96	97 104	105 112	113 120	121 9999	Total
06-19-23	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
04:00	0	0	0	0	1	0	1	4	0	2	0	0	1	0	9
05:00	0	0	0	0	0	0	3	8	14	9	6	2	1	0	43
06:00	0	0	0	0	0	1	1	10	16	10	4	2	0	0	44
07:00	0	1	0	0	0	1	7	10	25	18	9	2	2	1	76
08:00	0	0	0	0	0	0	4	19	28	20	8	0	0	0	79
09:00	0	1	0	0	0	0	8	20	20	10	6	2	0	0	67
10:00	0	0	0	0	0	0	3	18	19	19	6	1	0	1	67
11:00	0	0	0	0	0	0	4	22	21	12	3	2	0	0	64
12 PM	0	0	0	0	2	2	7	18	39	17	8	0	0	0	93
13:00	0	0	0	1	2	2	5	17	28	16	14	2	0	1	88
14:00	0	0	0	0	0	0	2	19	34	10	3	0	0	0	68
15:00	0	0	0	0	0	0	5	20	29	11	3	5	1	0	74
16:00	0	0	0	0	0	0	5	24	33	20	6	2	1	0	91
17:00	0	0	0	0	0	0	3	23	19	13	7	1	0	0	66
18:00	0	0	0	0	0	0	4	11	22	13	8	3	0	1	62
19:00	0	0	0	0	0	1	1	15	16	6	5	4	1	0	49
20:00	0	0	0	0	0	1	4	5	9	5	1	0	0	1	26
21:00	0	0	0	0	0	0	1	4	12	2	2	0	1	0	22
22:00	0	0	0	0	0	0	1	1	2	0	2	0	1	0	7
23:00	0	0	0	0	0	0	0	1	0	1	0	0	0	1	3
Total	0	2	0	1	5	8	69	270	387	214	101	28	9	6	1100

Daily

15th Percentile : 74 KPH
50th Percentile : 83 KPH
85th Percentile : 95 KPH
95th Percentile : 102 KPH

Mean Speed(Average) : 85 KPH
15 KPH Pace Speed : 74-88 KPH
Number in Pace : 623
Percent in Pace : 56.6%
Number of Vehicles > 80 KPH : 745
Percent of Vehicles > 80 KPH : 67.7%

County of Renfrew

Public Works and Engineering

White Lake Road (County Road 2) Location: 50m North of Robertson Line

Site Code:
Station ID:

Latitude: 0' 0.0000 South

NB, SB

Start Time	1 24	25 32	33 40	41 48	49 56	57 64	65 72	73 80	81 88	89 96	97 104	105 112	113 120	121 9999	Total
06-20-23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01:00	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:00	0	0	0	0	0	0	0	2	2	4	1	1	0	0	10
05:00	0	0	0	0	0	0	2	7	8	8	5	3	2	0	35
06:00	0	0	0	0	0	0	2	10	12	17	19	2	0	1	63
07:00	0	0	0	0	1	2	1	19	28	19	17	4	0	0	91
08:00	0	0	0	5	0	0	7	22	29	13	5	2	0	0	83
09:00	0	0	0	0	0	0	4	27	24	9	5	3	0	0	72
10:00	0	0	0	0	0	0	6	16	21	17	7	1	0	0	68
11:00	0	0	0	0	0	3	5	14	28	19	6	2	0	0	77
12 PM	0	0	0	0	0	3	2	16	29	17	5	1	0	0	73
13:00	0	0	0	0	0	0	6	24	21	16	6	1	0	0	74
14:00	0	0	0	0	0	1	2	17	23	24	12	1	1	1	82
15:00	0	0	0	1	0	1	3	24	20	17	14	2	0	0	82
16:00	0	0	0	1	2	0	11	17	28	18	10	1	0	0	88
17:00	0	0	0	0	0	0	7	17	31	20	10	1	0	0	86
18:00	0	0	0	0	0	0	2	10	11	12	8	2	2	0	47
19:00	0	0	0	0	0	3	3	8	7	9	4	2	0	0	36
20:00	0	0	0	0	0	0	5	9	13	8	4	0	1	0	40
21:00	0	0	0	0	0	0	3	6	8	1	0	1	0	0	19
22:00	0	0	0	0	0	1	1	4	2	2	2	1	0	0	13
23:00	0	0	0	0	0	0	0	2	0	0	1	0	0	0	3
Total	0	0	0	7	3	14	72	272	345	250	141	31	6	2	1143

Daily

15th Percentile : 74 KPH
50th Percentile : 84 KPH
85th Percentile : 96 KPH
95th Percentile : 102 KPH

Mean Speed(Average) : 86 KPH
15 KPH Pace Speed : 74-88 KPH
Number in Pace : 583
Percent in Pace : 51.0%
Number of Vehicles > 80 KPH : 775
Percent of Vehicles > 80 KPH : 67.8%

County of Renfrew

Public Works and Engineering

White Lake Road (County Road 2) Location: 50m North of Robertson Line

Site Code:
Station ID:

Latitude: 0' 0.0000 South

NB, SB

Start Time	1 24	25 32	33 40	41 48	49 56	57 64	65 72	73 80	81 88	89 96	97 104	105 112	113 120	121 9999	Total
06-21-23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01:00	0	0	0	0	0	0	0	0	1	0	0	0	1	0	2
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	0	0	0	0	0	2	0	0	0	0	0	0	0	0	2
04:00	0	0	0	0	0	0	1	3	1	0	0	0	0	0	5
05:00	0	0	1	0	0	0	1	5	10	13	9	2	0	0	41
06:00	0	0	0	0	0	0	1	7	21	15	13	5	1	1	64
07:00	0	0	0	0	1	3	0	8	27	23	10	4	1	1	78
08:00	0	0	0	0	0	0	2	26	19	16	5	1	1	0	70
09:00	0	0	0	0	0	1	2	16	24	8	6	3	0	0	60
10:00	0	0	0	0	0	0	3	17	19	12	9	3	1	0	64
11:00	0	0	0	0	0	2	6	17	20	17	4	2	1	0	69
12 PM	0	0	0	0	0	1	7	21	39	12	4	0	0	0	84
13:00	1	0	1	0	0	1	5	18	35	11	7	0	1	0	80
14:00	0	0	1	0	0	1	5	17	25	14	7	1	1	1	73
15:00	0	0	0	0	0	1	5	23	31	24	10	0	2	0	96
16:00	0	0	0	0	0	0	3	15	27	24	14	2	0	0	85
17:00	0	0	0	0	0	1	9	11	18	18	14	2	0	0	73
18:00	0	0	1	0	0	0	0	10	20	14	6	1	0	0	52
19:00	0	0	4	2	0	0	8	5	14	12	8	4	1	0	58
20:00	0	0	0	0	0	2	4	4	11	4	5	1	0	1	32
21:00	0	0	0	0	0	1	3	10	7	5	5	0	0	0	31
22:00	0	0	0	0	0	0	0	1	3	2	1	0	0	0	7
23:00	0	0	0	0	0	0	0	0	0	1	2	1	0	0	4
Total	1	0	8	2	1	16	65	234	372	245	139	32	11	4	1130

Daily

15th Percentile : 74 KPH
50th Percentile : 85 KPH
85th Percentile : 96 KPH
95th Percentile : 103 KPH

Mean Speed(Average) : 86 KPH
15 KPH Pace Speed : 81-95 KPH
Number in Pace : 586
Percent in Pace : 51.9%
Number of Vehicles > 80 KPH : 803
Percent of Vehicles > 80 KPH : 71.1%

County of Renfrew

Public Works and Engineering

White Lake Road (County Road 2)

Location: 50m North of Robertson Line

Site Code:
Station ID:

Latitude: 0' 0.0000 South

NB, SB

Start Time	1 24	25 32	33 40	41 48	49 56	57 64	65 72	73 80	81 88	89 96	97 104	105 112	113 120	121 9999	Total
06-22-23	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
01:00	1	0	0	0	0	0	0	0	0	0	0	0	0	1	2
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
04:00	0	0	0	0	0	0	0	2	1	0	3	0	0	0	6
05:00	0	0	0	0	0	1	2	4	9	5	6	1	0	0	28
06:00	0	0	0	0	0	0	2	8	16	15	10	4	1	1	57
07:00	0	1	0	0	0	1	3	9	28	22	13	3	0	0	80
08:00	0	0	0	0	0	0	4	21	28	18	16	1	1	0	89
09:00	0	0	0	0	1	5	5	19	25	16	7	1	1	0	80
10:00	0	2	0	0	0	2	7	30	22	20	4	5	2	0	94
11:00	0	0	0	0	0	1	3	24	31	17	16	3	0	1	96
12 PM	0	0	0	0	0	3	9	21	20	14	15	2	0	0	84
13:00	0	0	0	0	0	0	10	13	20	12	9	4	0	1	69
14:00	0	0	0	0	0	2	4	17	23	20	4	5	1	0	76
15:00	0	2	0	0	0	1	5	13	27	21	10	2	0	0	81
16:00	0	0	0	0	0	1	6	19	32	39	11	0	0	0	108
17:00	0	1	1	0	0	0	5	27	40	18	12	0	0	1	105
18:00	0	1	0	0	0	0	1	12	21	11	19	2	0	1	68
19:00	0	1	0	0	0	1	2	13	21	14	4	4	0	0	60
20:00	0	0	0	0	0	0	3	6	13	3	5	1	0	0	31
21:00	0	0	0	0	0	1	1	7	7	4	3	0	0	0	23
22:00	0	0	0	0	0	0	1	0	0	1	1	0	0	1	4
23:00	0	0	0	0	0	0	0	1	1	0	0	0	0	0	2
Total	1	8	1	0	1	19	73	266	385	270	169	39	6	7	1245

Daily

15th Percentile : 74 KPH
50th Percentile : 85 KPH
85th Percentile : 97 KPH
95th Percentile : 103 KPH

Mean Speed(Average) : 86 KPH
15 KPH Pace Speed : 81-95 KPH
Number in Pace : 621
Percent in Pace : 49.9%
Number of Vehicles > 80 KPH : 876
Percent of Vehicles > 80 KPH : 70.4%

County of Renfrew

Public Works and Engineering

White Lake Road (County Road 2) Location: 50m North of Robertson Line

Site Code:
Station ID:

Latitude: 0' 0.0000 South

NB, SB

Start Time	1 24	25 32	33 40	41 48	49 56	57 64	65 72	73 80	81 88	89 96	97 104	105 112	113 120	121 9999	Total
06-23-23	0	0	0	0	0	0	0	0	0	2	1	0	0	0	3
01:00	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
02:00	0	0	0	1	0	0	0	0	0	1	0	0	0	0	2
03:00	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
04:00	0	0	0	0	0	0	0	1	1	1	1	0	0	0	4
05:00	0	0	0	0	0	0	1	2	6	11	9	2	0	0	31
06:00	0	0	0	0	0	0	4	10	15	9	14	2	1	0	55
07:00	0	0	0	0	0	0	7	12	20	25	12	2	0	0	78
08:00	0	0	0	0	1	5	14	21	30	11	6	2	1	0	91
09:00	0	0	0	0	0	6	8	24	37	18	5	2	0	0	100
10:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
11:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12 PM	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
14:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
15:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
16:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
17:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
18:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
21:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
22:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
23:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Total	0	0	0	1	1	11	35	71	109	78	48	10	2	0	366

Daily

15th Percentile : 72 KPH
50th Percentile : 84 KPH
85th Percentile : 96 KPH
95th Percentile : 102 KPH

Mean Speed(Average) : 85 KPH
15 KPH Pace Speed : 81-95 KPH
Number in Pace : 177
Percent in Pace : 48.4%
Number of Vehicles > 80 KPH : 247
Percent of Vehicles > 80 KPH : 67.5%

Grand Total	10	12	13	12	17	115	540	1993	2955	1934	1081	259	60	38	9039
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Overall

15th Percentile : 74 KPH
50th Percentile : 84 KPH
85th Percentile : 96 KPH
95th Percentile : 103 KPH

Mean Speed(Average) : 86 KPH
15 KPH Pace Speed : 74-88 KPH
Number in Pace : 4699
Percent in Pace : 52.0%
Number of Vehicles > 80 KPH : 6327
Percent of Vehicles > 80 KPH : 70.0%

County of Renfrew

Public Works and Engineering

Page 1

White Lake Road (County Road 2)

Location: 100m North of Civic Address 1511

Site Code: 002002
Station ID:

Latitude: 0' 0.0000 Undefined

NB, SB

Start Time	1 24	25 32	33 40	41 48	49 56	57 64	65 72	73 80	81 88	89 96	97 104	105 112	113 120	121 9999	Total
09-07-23	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
01:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
02:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
03:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
04:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
05:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
06:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
07:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
08:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
09:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
11:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12 PM	0	0	0	0	4	18	30	33	31	3	1	0	0	0	120
13:00	0	0	0	0	2	9	25	27	23	4	0	1	0	0	91
14:00	0	0	0	0	1	14	24	39	27	11	4	0	0	0	120
15:00	0	0	0	0	4	10	26	39	25	10	4	2	1	0	121
16:00	0	0	1	0	2	10	23	35	23	4	8	0	0	0	106
17:00	0	0	0	2	2	9	21	27	23	16	8	0	0	0	108
18:00	0	0	0	1	1	5	18	16	20	6	2	1	0	0	70
19:00	0	0	2	0	3	7	21	17	13	10	2	0	0	0	75
20:00	0	0	4	7	7	4	8	9	2	0	0	0	0	0	41
21:00	0	0	2	1	4	5	4	3	1	1	2	0	0	0	23
22:00	0	0	0	0	0	3	2	1	2	2	1	0	0	0	11
23:00	0	0	0	0	0	0	2	0	0	1	0	0	0	0	3
Total	0	0	9	11	30	94	204	246	190	68	32	4	1	0	889

Daily

15th Percentile : 63 KPH
50th Percentile : 75 KPH
85th Percentile : 86 KPH
95th Percentile : 95 KPH

Mean Speed(Average) : 75 KPH
15 KPH Pace Speed : 66-80 KPH
Number in Pace : 424
Percent in Pace : 47.7%
Number of Vehicles > 80 KPH : 295
Percent of Vehicles > 80 KPH : 33.2%

County of Renfrew Public Works and Engineering

White Lake Road (County Road 2) Location: 100m North of Civic Address 1511

Site Code: 002002
Station ID:

Latitude: 0' 0.0000 Undefined

NB, SB

Start Time	1 24	25 32	33 40	41 48	49 56	57 64	65 72	73 80	81 88	89 96	97 104	105 112	113 120	121 9999	Total
09-08-23	0	0	0	0	0	2	0	1	0	1	0	0	0	0	4
01:00	0	0	0	1	0	4	0	0	0	0	0	0	0	0	5
02:00	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:00	0	0	0	0	0	2	1	3	4	0	0	1	0	0	11
05:00	0	0	0	0	2	3	11	13	8	4	2	1	1	0	45
06:00	0	0	0	0	0	4	23	26	9	7	5	1	0	0	75
07:00	0	0	0	1	13	12	27	33	26	9	6	2	0	0	129
08:00	0	0	0	2	1	17	33	24	24	8	3	0	0	0	112
09:00	1	0	0	1	3	15	25	29	22	8	1	1	0	0	106
10:00	0	0	0	0	1	11	34	36	24	7	7	0	0	0	120
11:00	0	0	0	0	3	7	25	35	15	4	4	4	0	0	97
12 PM	0	0	0	0	0	12	37	48	29	13	5	2	0	0	146
13:00	0	0	0	0	1	9	26	39	26	10	8	0	0	0	119
14:00	0	0	0	1	1	9	21	29	28	13	6	1	0	1	110
15:00	0	0	0	0	2	14	34	47	41	11	6	1	0	0	156
16:00	0	0	0	2	5	11	29	52	41	20	3	0	1	0	164
17:00	0	0	0	0	2	3	21	42	33	10	7	2	0	1	121
18:00	0	0	0	1	5	6	13	30	22	6	2	0	0	0	85
19:00	0	1	0	0	1	5	29	22	12	5	0	0	0	0	75
20:00	0	0	0	1	0	8	4	13	8	2	1	0	0	0	37
21:00	0	0	0	0	0	6	5	11	4	3	1	0	0	0	30
22:00	0	0	0	0	2	5	1	1	5	0	0	1	0	1	16
23:00	0	0	0	0	0	0	1	3	0	0	1	0	0	0	5
Total	1	1	0	10	42	165	401	537	381	141	68	17	2	3	1769

Daily

15th Percentile : 64 KPH
50th Percentile : 75 KPH
85th Percentile : 87 KPH
95th Percentile : 95 KPH

Mean Speed(Average) : 77 KPH
15 KPH Pace Speed : 66-80 KPH
Number in Pace : 888
Percent in Pace : 50.2%
Number of Vehicles > 80 KPH : 612
Percent of Vehicles > 80 KPH : 34.6%

County of Renfrew

Public Works and Engineering

White Lake Road (County Road 2)

Location: 100m North of Civic Address 1511

Site Code: 002002
Station ID:

Latitude: 0' 0.0000 Undefined

NB, SB

Start Time	1 24	25 32	33 40	41 48	49 56	57 64	65 72	73 80	81 88	89 96	97 104	105 112	113 120	121 9999	Total
09-09-23	0	0	0	0	0	1	1	0	0	0	0	0	0	0	2
01:00	0	0	0	0	0	0	0	0	0	1	0	0	0	1	2
02:00	0	0	0	1	0	0	1	0	0	0	0	0	0	0	2
03:00	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
04:00	0	0	0	0	0	0	0	1	0	0	1	0	0	0	2
05:00	0	0	0	0	0	3	2	3	0	3	1	0	0	0	12
06:00	0	0	0	0	1	2	5	4	6	1	1	0	0	0	20
07:00	0	0	0	0	5	3	5	10	7	4	0	1	3	0	38
08:00	0	0	0	0	3	10	23	29	22	7	2	0	0	0	96
09:00	0	0	0	0	1	11	31	37	26	18	4	1	0	0	129
10:00	0	0	0	0	1	15	21	32	33	8	4	1	0	0	115
11:00	0	0	0	1	3	10	28	39	27	19	7	1	0	0	135
12 PM	0	0	1	0	6	17	28	51	17	10	5	1	0	0	136
13:00	0	0	0	0	1	9	29	47	29	16	5	1	0	0	137
14:00	0	0	0	3	2	8	25	30	26	8	5	2	0	0	109
15:00	0	0	1	2	2	10	28	39	21	8	7	1	0	0	119
16:00	0	0	2	1	4	7	34	26	25	13	5	2	0	0	119
17:00	0	0	0	2	3	7	27	22	26	8	3	0	0	0	98
18:00	0	0	0	1	1	9	22	31	13	10	0	1	0	0	88
19:00	0	0	0	1	0	10	13	19	11	2	1	3	0	0	60
20:00	0	0	0	0	2	7	10	17	8	3	2	1	0	0	50
21:00	0	0	0	0	1	3	5	7	8	2	0	1	0	0	27
22:00	0	0	0	0	0	0	4	2	3	1	1	0	0	0	11
23:00	0	0	0	0	0	0	4	6	4	0	0	0	0	1	15
Total	0	0	4	12	36	142	346	452	312	142	55	17	3	2	1523

Daily

15th Percentile : 64 KPH
50th Percentile : 75 KPH
85th Percentile : 87 KPH
95th Percentile : 95 KPH

Mean Speed(Average) : 77 KPH
15 KPH Pace Speed : 66-80 KPH
Number in Pace : 755
Percent in Pace : 49.6%
Number of Vehicles > 80 KPH : 531
Percent of Vehicles > 80 KPH : 34.9%

County of Renfrew

Public Works and Engineering

White Lake Road (County Road 2)

Location: 100m North of Civic Address 1511

Site Code: 002002
Station ID:

Latitude: 0' 0.0000 Undefined

NB, SB

Start Time	1 24	25 32	33 40	41 48	49 56	57 64	65 72	73 80	81 88	89 96	97 104	105 112	113 120	121 9999	Total
09-10-23	0	0	0	0	0	0	0	3	1	0	3	0	0	1	8
01:00	0	0	0	0	1	1	0	0	0	0	0	0	0	0	2
02:00	0	0	0	0	0	0	2	0	3	2	0	0	0	0	7
03:00	0	0	0	0	1	0	0	0	0	1	1	0	0	0	3
04:00	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1
05:00	0	0	0	1	3	5	1	2	3	0	2	0	0	0	17
06:00	0	0	0	0	0	0	2	6	3	0	0	1	0	1	13
07:00	0	1	0	0	3	4	5	8	1	3	2	0	0	0	27
08:00	0	1	0	1	1	5	13	10	14	8	5	0	0	0	58
09:00	0	0	0	0	6	17	30	28	25	7	2	0	0	0	115
10:00	0	0	0	0	2	8	29	46	20	8	3	0	0	0	116
11:00	0	1	0	1	2	15	39	45	22	17	8	1	0	0	151
12 PM	0	0	0	0	2	14	38	37	35	11	2	3	0	0	142
13:00	0	1	0	2	3	14	38	43	29	11	10	0	0	0	151
14:00	0	0	0	1	1	23	34	40	32	11	6	1	0	1	150
15:00	0	0	1	3	3	17	35	30	15	9	2	1	1	1	118
16:00	1	0	0	1	4	9	30	40	23	7	9	0	1	0	125
17:00	0	0	0	0	2	5	23	34	22	13	3	1	0	0	103
18:00	0	0	0	1	3	5	14	28	14	11	1	0	0	0	77
19:00	0	0	0	2	3	14	18	18	16	4	0	0	0	0	75
20:00	0	0	0	0	2	5	10	10	12	2	1	0	0	0	42
21:00	0	0	0	0	0	1	5	10	2	1	0	1	0	0	20
22:00	0	0	0	0	0	0	0	2	0	1	3	0	0	0	6
23:00	0	0	0	0	0	0	2	2	1	0	0	0	0	0	5
Total	1	4	1	13	42	163	368	442	293	127	63	9	2	4	1532

Daily

15th Percentile : 64 KPH
50th Percentile : 75 KPH
85th Percentile : 87 KPH
95th Percentile : 95 KPH

Mean Speed(Average) : 76 KPH
15 KPH Pace Speed : 66-80 KPH
Number in Pace : 764
Percent in Pace : 49.9%
Number of Vehicles > 80 KPH : 498
Percent of Vehicles > 80 KPH : 32.5%

County of Renfrew

Public Works and Engineering

White Lake Road (County Road 2)

Location: 100m North of Civic Address 1511

Site Code: 002002
Station ID:

Latitude: 0' 0.0000 Undefined

NB, SB

Start Time	1 24	25 32	33 40	41 48	49 56	57 64	65 72	73 80	81 88	89 96	97 104	105 112	113 120	121 9999	Total
09-11-23	0	0	0	0	0	0	1	0	0	1	0	0	0	0	2
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:00	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
03:00	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1
04:00	0	0	0	0	1	0	4	4	5	0	0	0	0	2	16
05:00	0	0	0	3	5	15	12	16	3	2	1	1	0	0	58
06:00	0	0	0	0	6	14	26	27	15	3	7	1	0	1	100
07:00	0	0	0	3	3	21	37	31	15	11	3	2	0	0	126
08:00	1	0	0	0	2	6	27	26	17	7	3	1	0	1	91
09:00	0	0	0	1	4	12	26	37	20	11	3	1	0	0	115
10:00	0	0	0	0	1	10	18	34	22	7	6	2	0	0	100
11:00	0	1	0	0	2	10	30	33	21	12	5	1	1	0	116
12 PM	0	0	0	1	2	9	27	40	31	20	1	1	0	0	132
13:00	0	0	0	0	1	17	32	26	14	13	5	0	0	0	108
14:00	0	0	0	0	7	12	23	49	28	9	4	0	0	0	132
15:00	0	0	0	0	3	15	27	34	21	12	7	0	0	0	119
16:00	0	0	1	1	2	8	31	36	33	11	4	2	0	0	129
17:00	0	0	0	1	1	6	23	24	23	17	5	2	0	0	102
18:00	0	0	0	0	1	7	6	29	15	8	2	2	0	0	70
19:00	0	0	0	0	1	11	15	20	19	1	4	0	0	1	72
20:00	0	1	1	1	0	2	3	5	6	2	1	1	0	0	23
21:00	0	0	1	0	0	1	8	1	5	1	0	0	0	0	17
22:00	0	0	0	0	1	1	0	1	2	1	0	0	0	0	6
23:00	0	0	0	0	0	0	1	1	1	1	0	0	1	0	5
Total	1	2	3	11	43	178	377	475	316	150	61	17	2	5	1641

Daily

15th Percentile : 64 KPH
50th Percentile : 75 KPH
85th Percentile : 87 KPH
95th Percentile : 95 KPH

Mean Speed(Average) : 76 KPH
15 KPH Pace Speed : 66-80 KPH
Number in Pace : 805
Percent in Pace : 49.1%
Number of Vehicles > 80 KPH : 551
Percent of Vehicles > 80 KPH : 33.6%

County of Renfrew

Public Works and Engineering

White Lake Road (County Road 2)

Location: 100m North of Civic Address 1511

Site Code: 002002
Station ID:

Latitude: 0' 0.0000 Undefined

NB, SB

Start Time	1 24	25 32	33 40	41 48	49 56	57 64	65 72	73 80	81 88	89 96	97 104	105 112	113 120	121 9999	Total
09-12-23	0	0	0	0	1	0	0	1	0	0	0	0	0	0	2
01:00	0	0	0	0	1	1	0	0	0	0	0	0	0	0	2
02:00	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
03:00	0	0	0	0	0	0	0	0	1	0	0	1	0	0	2
04:00	0	0	0	0	1	0	3	6	1	1	2	1	0	0	15
05:00	0	0	0	0	0	1	11	17	10	4	7	1	0	0	51
06:00	0	0	0	1	1	9	22	23	24	4	5	0	0	1	90
07:00	0	0	0	0	0	15	24	36	28	6	5	3	0	1	118
08:00	0	0	0	3	1	10	37	35	20	6	3	1	0	0	116
09:00	0	0	0	0	4	19	39	32	25	5	0	2	0	0	126
10:00	0	0	0	0	1	7	42	39	22	6	3	0	0	0	120
11:00	0	0	0	0	5	11	26	26	23	6	2	0	0	0	99
12 PM	0	1	0	1	5	8	26	45	13	12	3	0	0	0	114
13:00	0	0	0	0	2	12	22	31	21	12	1	0	0	0	101
14:00	0	0	0	1	1	12	26	32	25	13	5	1	0	0	116
15:00	0	0	0	0	3	13	32	30	26	10	12	3	0	0	129
16:00	0	0	0	0	3	8	26	40	27	18	7	0	2	0	131
17:00	0	0	0	0	3	8	27	43	29	12	6	0	0	0	128
18:00	0	0	0	0	5	11	25	22	13	12	1	2	0	1	92
19:00	0	0	0	0	1	3	12	9	10	4	1	0	0	1	41
20:00	0	0	0	0	3	1	3	10	2	7	1	0	0	0	27
21:00	0	0	0	0	1	0	6	1	6	1	0	0	0	0	15
22:00	0	0	0	0	2	4	1	1	0	1	0	0	0	1	10
23:00	0	0	0	0	1	1	1	0	2	0	0	0	0	0	5
Total	0	1	0	6	45	154	412	479	328	140	64	15	2	5	1651

Daily

15th Percentile : 64 KPH
50th Percentile : 75 KPH
85th Percentile : 87 KPH
95th Percentile : 95 KPH

Mean Speed(Average) : 76 KPH
15 KPH Pace Speed : 66-80 KPH
Number in Pace : 840
Percent in Pace : 50.9%
Number of Vehicles > 80 KPH : 554
Percent of Vehicles > 80 KPH : 33.6%

County of Renfrew

Public Works and Engineering

White Lake Road (County Road 2)

Location: 100m North of Civic Address 1511

Site Code: 002002
Station ID:

Latitude: 0' 0.0000 Undefined

NB, SB

Start Time	1 24	25 32	33 40	41 48	49 56	57 64	65 72	73 80	81 88	89 96	97 104	105 112	113 120	121 9999	Total
09-13-23	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:00	0	0	0	0	0	3	0	7	0	1	1	0	0	0	12
05:00	0	0	0	0	2	1	10	22	10	5	5	2	0	0	57
06:00	0	0	0	2	2	6	20	31	14	6	5	4	2	0	92
07:00	0	0	0	0	3	9	29	37	29	11	3	1	0	0	122
08:00	0	0	1	1	2	11	30	41	29	10	4	0	0	0	129
09:00	0	0	0	1	0	7	29	35	32	16	9	0	0	0	129
10:00	0	0	0	3	4	11	21	36	26	8	2	0	0	0	111
11:00	0	0	0	1	0	9	28	38	32	9	1	2	0	1	121
12 PM	0	0	0	0	3	5	25	47	27	8	8	0	0	0	123
13:00	0	0	1	0	2	12	17	31	21	13	2	0	0	0	99
14:00	0	0	0	0	1	8	29	37	25	9	5	0	0	1	115
15:00	0	0	0	0	3	15	19	50	36	17	6	3	0	0	149
16:00	0	0	1	2	3	11	20	32	37	19	11	0	0	0	136
17:00	0	0	0	0	0	3	15	34	26	18	8	1	1	1	107
18:00	0	0	0	0	0	4	15	22	18	14	8	1	0	0	82
19:00	0	0	2	0	2	4	17	17	7	3	2	0	0	0	54
20:00	0	0	0	0	1	2	8	6	6	3	6	1	0	0	33
21:00	0	0	0	0	0	1	2	4	2	1	0	0	0	0	10
22:00	0	0	0	0	0	0	0	4	2	2	4	0	0	1	13
23:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	5	10	28	122	334	532	379	173	90	15	3	4	1695

Daily

15th Percentile : 66 KPH
50th Percentile : 77 KPH
85th Percentile : 89 KPH
95th Percentile : 98 KPH

Mean Speed(Average) : 78 KPH
15 KPH Pace Speed : 73-87 KPH
Number in Pace : 864
Percent in Pace : 51.0%
Number of Vehicles > 80 KPH : 664
Percent of Vehicles > 80 KPH : 39.2%

County of Renfrew

Public Works and Engineering

White Lake Road (County Road 2)

Location: 100m North of Civic Address 1511

Site Code: 002002
Station ID:

Latitude: 0' 0.0000 Undefined

NB, SB

Start Time	1 24	25 32	33 40	41 48	49 56	57 64	65 72	73 80	81 88	89 96	97 104	105 112	113 120	121 9999	Total
09-14-23	0	0	0	0	0	0	0	0	1	0	0	1	0	0	2
01:00	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
04:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
05:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
06:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
07:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
08:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
09:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
11:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12 PM	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
14:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
15:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
16:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
17:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
18:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
21:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
22:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
23:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Total	0	0	0	0	1	0	0	0	1	0	0	1	0	0	3

Daily

15th Percentile : 51 KPH
50th Percentile : 84 KPH
85th Percentile : 108 KPH
95th Percentile : 110 KPH

Mean Speed(Average) : 82 KPH
15 KPH Pace Speed : 39-53 KPH
Number in Pace : 1
Percent in Pace : 33.3%
Number of Vehicles > 80 KPH : 2
Percent of Vehicles > 80 KPH : 66.7%

Grand Total	3	8	22	73	267	1018	2442	3163	2200	941	433	95	15	23	10703
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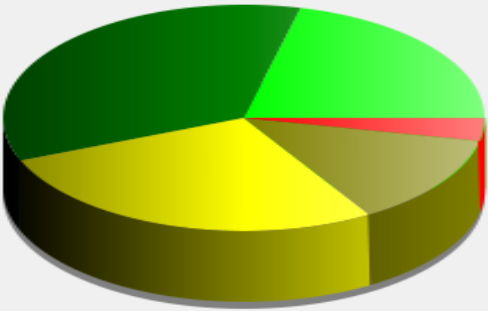
Overall

15th Percentile : 64 KPH
50th Percentile : 75 KPH
85th Percentile : 87 KPH
95th Percentile : 96 KPH

Mean Speed(Average) : 77 KPH
15 KPH Pace Speed : 66-80 KPH
Number in Pace : 5300
Percent in Pace : 49.5%
Number of Vehicles > 80 KPH : 3707
Percent of Vehicles > 80 KPH : 34.6%

NORTH BOUND TRAFFIC

Incoming vehicles



15 - 59 Km/h	: 263,970 - (21.23 %)
60 - 69 Km/h	: 434,606 - (34.95 %)
70 - 79 Km/h	: 342,760 - (27.56 %)
80 - 89 Km/h	: 161,258 - (12.97 %)
90 - 140 Km/h (and more)	: 40,921 - (3.29 %)

85th Percentile = 80km/hr

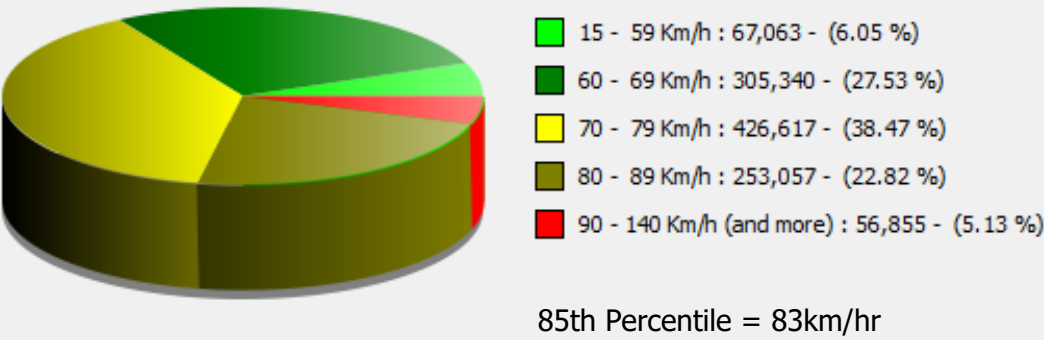
Start date: Thursday, May 27, 2021 10:30 AM
End date: Friday, August 18, 2023 10:00 AM

Location:

Comments:

SOUTH BOUND TRAFFIC

Outgoing vehicles



Start date: Thursday, May 27, 2021 10:30 AM
End date: Friday, August 18, 2023 10:00 AM

Location:

Comments:

TOWNSHIP OF ADMASTON/BROMLEY

Appendix CW-III



477 Stone Road, RR2
Renfrew ON K7V 3Z5

DATE: September 21, 2023

RESOLUTION NO. 18-09-23

MOVED BY:

SECONDED BY:

BE IT RESOLVED THAT Council authorize the County of Renfrew to complete the design of the Lynch Road culverts in 2023;

AND BE IT FURTHER RESOLVED THAT Council approves the work for the Lynch Road to be completed by the County of Renfrew In 2024, with the costs being shared equally between the County of Renfrew and the Township of Admaston/Bromley;

AND BE IT FURTHER RESOLVED THAT Council requests that the County of Renfrew takes over jurisdiction of the Lynch Road Culverts as per County of Renfrew's policy PW-02.

X	CARRIED
	DEFEATED
	DEFERRED

Deputy Mayor

RECORDED VOTE:

POSITION	NAME	FOR	AGAINST
Councillor	Angela Field		
Councillor	Keith Gourley		
Councillor	Brian Hamilton		
Deputy Mayor	Kevin LeGris		
Mayor	Michael Donohue		

Declaration of Pecuniary Interest

CERTIFIED A TRUE COPY

JENNIFER CHARKAVI

CLERK

Declared their interest, abstained from discussion and did not vote on the resolution.

OPERATIONS DIVISION REPORT

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

Prepared for: Operations Committee

October 10, 2023

INFORMATION

1. Operational Status and Winter Readiness

Staff are preparing for the coming winter season and the Public Works and Engineering Department is required to be 50% operational by November 1, 2023 and 100% operational by November 15, 2023. Night Patrol shifts are scheduled to commence on November 15, 2023 and will continue until April 1, 2024.

2. Winter Maintenance Agreements

- a) The following are the current statuses of all winter maintenance agreements:
 - Township of Carlow/Mayo – For services on a portion of County Road 517 (Dafoe Road) – Term 2023-2024 – Finalized
 - Pat Stewart Trucking Inc. – For services on County Road 635 (Swisha Road) – Term 2023-2024 – Under Review
 - Town of Arnprior – Term 2023-2024 – Under Review
 - Town of Renfrew – Term 2019-2029
 - Town of Deep River – Term 2020-2030
- b) 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.

3. Disposal of Surplus Goods

Staff was requested to bring back a list of surplus items that were sold through public auction. Below is a list of items and the amount they were sold for:

- 1990 International Water Truck - \$6,600
- 1996 Caterpillar Backhoe 436B - \$20,100
- 2007 Chevrolet Express - \$1,175
- 2009 International 7600 Tandem - \$7,800
- 2012 RAM 1500 - \$1,775
- 2012 Diamond C Trailer - \$8,600
- 2015 Chevrolet Silverado 1500 - \$6,600