



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: September 12, 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. PWX 2023 Conference

Attached as Appendix III is a detailed report for this years' American Public Works Association PWX 2023 Conference.

4. Speeding and Pedestrian Crossing Concerns – Township of Killaloe, Hagarty and Richards

On September 5, 2023, Operations Committee Chair Glenn Doncaster and County of Renfrew staff consisting of Craig Kelley, Chief Administrative Officer; Taylor Hanrath, Manager of Capital Works; and myself attended the Killaloe, Hagarty and Richards Council meeting. Staff discussed speeding issues and pedestrian crossings on County Roads. Council was provided with the following Corporate Policies:

- [PW-01 Roadway Classification and Design](#),
- [PW-14 Pedestrian Crossings and Hiking Trail Crossings on County Roads](#), and
- [PW-17 Enhanced Traffic Warning Devices](#).

5. **Summer Students**

I would like to acknowledge and extend appreciation to our seven summer students who assisted and supported the Public Works and Engineering Department staff throughout the summer.

Three Junior Engineering Technicians (Lucas Scheuneman, Wesley Peever, and Andrew Wren) were employed at the County Administration Building and had the opportunity to gain experience in the preparation of tenders and overseeing construction roadwork.

In addition, four students were employed at our Patrol Garages as Student Labourers (Bradley Quade – Southwest Patrol; Tristan Dorion – Goshen Patrol; William Sullivan – White Water Road Patrol; and, Brendan Lynch – Cobden Patrol) providing valuable assistance with roadside cleanup and maintenance.

All students have returned to school for the upcoming year to further their education.

6. **Renfrew County Supervisors Rodeo**

The local Renfrew County Supervisors Rodeo was held in Petawawa on September 7, 2023 showcasing the talented operators that not only the County of Renfrew has, but all partner Municipalities are fortunate to have in their organizations. The top three out of forty-two contestants were County of Renfrew Operators. The top two, Ryan Fraser (Goshen Patrol) and Gerry Phanenhour (Southwest Patrol), will be representing the Renfrew County Association at Clinton, Ontario in the provincial Rodeo on September 20, 2023.

RESOLUTIONS

7. **October Operations Committee**

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

Background

In January 2023, the Operations Committee was advised that staff would provide the option for local municipalities to host County Committee Meetings in their municipal chambers (or similar). In response to this, attached as Appendix IV, is a request from the Town of Deep River to host both the Operations and Development and Property Committees in October in its Council Chambers. The objective with hosting in the local municipality is to enable the staff and local municipal Council to meet with the County Committees to discuss any matters of common interest or concern.

8. **Bridge Naming Policy**

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

Background

The bridges and large culverts throughout the County of Renfrew are, for the most part, named after local landmarks, e.g., Ski Hill Bridge on County Road 58 (Round Lake Road), which is in reference to the former community of Alice's downhill ski facility. Staff are seeking direction to develop a Bridge Naming Policy.

9. **Capital Works Division**

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

10. **Operations Division**

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

Department of Public Works & Engineering
Capital Works 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 | Edey 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% | 100% | May | June | August | October | Design by Tatham; Construction by R.G.T. Clouthier |
| | North Algona/Wilberforce | | | | | | | | | | | | |
| 37 | Murphy Road | County Road 26 (Doran Road) | County Road 51 (Petawawa Blvd.) | 0.93 | Design for Reconstruction | 30% | 100% | 30% | 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 | August | November-2024 | Design by BTE; Utility relocation ongoing; Construction by BEI |
| | 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; Complete |
| | 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; Complete |
| B257 | Harrington Creek Bridge | Bonnechere Valley (CR512 Foymount Road) | | | Replacement | 100% | 100% | 100% | May | June | 2024 | 2024 | 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 | August | 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; Complete |
| C137 | Hanson Creek Culverts | McNab/Braeside (Robertson Line) | | | Replacement | 100% | 100% | 100% | February | March | July | July | Design by WSP; Internal Construction; In cooperation w/ McNab/Braeside; Complete |
| C168 | Lake Clear Tri Culverts | Bonnechere Valley (Lake Clear Road) | | | Rehab or Replace | 100% | 100% | 60% | June | June | September | October | Internal design; Internal 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% | 2024 | | 2024 | 2024 | Design by Stantec; Construction deferred |
| | General Bridge Repairs | Various Locations | | | | | | | | | | | |
| FUTURE ENGINEERING | | | | | | | | | | | | | |
| B007 | Butler Bridge | Admaston/Bromley (Butler Road) | | | Design for Rehabilitation | 100% | 100% | 100% | 2022 | 2022 | 2024 | 2024 | Design by Stantec |
| B102 | Brennans Creek Bridge | Killaloe, Hagarty & Richards (CR512 Queen Street) | | | Design for Rehabilitation | 100% | 100% | 100% | 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 | | Design by HP |
| B108 | Tramore Bridge | Killaloe, Hagarty & Richards (Tramore Road) | | | Design for Rehabilitation | 90% | 100% | 60% | 2022 | 2022 | 2024 | 2024 | Design by HP |
| B145 | Combermere Bridge | Madawaska Valley (CR62 Combermere Road) | | | Design for Rehabilitation | 10% | 10% | 0% | July | August | TBD | | To be awarded |
| B156 | Burnt Bridge | Brudenell, Lyndoch & Raglan (Burnt Bridge Road) | | | Design for Replacement | 90% | 100% | 50% | 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 | | Design by WSP |
| B232 | Cochrane Creek Bridge | North Algona Wilberforce (Cement Bridge Road) | | | Design for Rehabilitation | 90% | 100% | 10% | 2022 | 2022 | TBD | | Design by HP |
| C001 | Berlanquet Creek Culvert | Admaston/Bromley (CR5 Stone Road) | | | Design for Replacement | 30% | 100% | 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 | 100% | 100% | 90% | May | June | 2024 | 2024 | Internal design; Geotech by GEMTEC |
| C062 | John Watson Culvert 2 | Brudenell, Lyndoch & Raglan (John Watson Road) | | | Design for Replacement | 100% | 100% | 60% | May | June | 2024 | 2024 | Internal design; Geotech by GEMTEC |
| C130 | Lochiel Creek Culvert North | McNab/Braeside (CR63 Miller Road) | | | Design for Replacement | 100% | 100% | 90% | 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% | 100% | 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 | 60% | 30% | 20% | July | August | TBD | | RFP needed for design |
| C268 | St. Columbkille's Culvert | Laurentian Valley (CR58 Round Lake Road) | | | Design for Replacement | 90% | 100% | 60% | 2022 | 2022 | 2024 | 2024 | Design by Stantec |

| 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 | September | 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 | August | Complete |
| 8 | Winter Sand | Winter Abrasives | 1 | Supply/Delivery/Process | May | August | Aug.-Sept. | Aug.-Sept. | October | Ongoing |
| 9 | Loader Rental | Winter Operations | 1 | Equipment | July | August | September | September | Apr-24 | 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 | September | September | September | 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 | Retendering |
| 2 | LDT (Light Duty Truck(s)) | (1/2 ton 4WD) | 1 | Replace | April | September | - | September | 2023 | Ongoing |
| 3 | Wheeled Excavator | Wheeled Excavator and Attachments | 1 | New | April | - | September | October | 2023 | Ongoing |
| 4 | Tractor | Tractor | 1 | Replace | April | - | September | October | 2023 | Ongoing |
| 5 | Roller 3' | Shoulder Compaction | 1 | New | April | - | September | September | 2023 | Ongoing |
| 6 | U-Body Water Tank | PW Operations -CP | 1 | New | April | September | - | September | 2023 | Ongoing |
| 7 | Enclosed Cargo Trailer 20' | Construction Section | 1 | Replace | April | April | - | June | 2023 | Complete |
| 8 | Equipment Refurbishment(s) | As per Spring Inspection | Varies | Existing | April | April | - | May - November | 2023 | Ongoing |
| 9 | Brusher Head | 1 new / 1 replacement | 2 | 1 Replace/1 New | April | - | September | September | 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 | Sept.-Oct. | Ongoing |
| 2 | Waste Oil Storage Systems | WWRP/SWP/GP/CP | Construct | Replace | April | June/July | July/August | September | Sept.-Oct. | 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 |



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

[illegible]

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 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 | |

American Public Works Association PWX 2023 Report

From August 26 to August 30, 2023, the Director of Public Works and Engineering had the pleasure of attending the American Public Works Association (APWA) PWX 2023 in San Diego, California. This years theme “Connecting the World Through Public Works”, provided a first-class multi-modal learning experience designed for professionals at all levels and across the entire spectrum of public works and engineering. Of note this was the first year all electric shuttles were used to move participants to and from event sites. Over 9,000 delegates were in attendance with nearly 1,000 new participants. During the conference and exhibition, the Director of Public Works and Engineering attended a number of educational sessions as well as meetings related to the Canadian Public Works Association and the Winter Maintenance Subcommittee.

- a) Canadian Public Works Association (CPWA) – This meeting is a Board of Directors for the CPWA and representation from all participating provinces were present. This group has been developed for advocacy at a federal level. Public Works officials have met and discussed issues related to infrastructure in Canada with officials in Ottawa on a semi-annual basis.
- b) Winter Maintenance Subcommittee – This meeting is a group of snow and ice control professionals from across North America with a mandate to provide training to agencies throughout North America and liaison with many organizations and groups in the field of transportation.
- c) Exhibition Showcase – Over 300 vendors were present on the exhibition floor with everything from Advanced Drainage Systems to Zonar Systems represented. Everything public works was shown to improve efficiency and effectiveness for the delivery of services.
- d) National Equipment Rodeo – This was an opportunity for the most skilled operators in American and Canada to compete against each other in friendly competition.
- e) Canadian Public Works Luncheon – The New Board of Directors announced Scott Lamont of Rossland, B.C. as this years President with Lee Perkins from the County of Renfrew being President Elect.
- f) Drones for Large – Scale Public Works Projects’ Asset Inspection and Condition Assessment. Basically a sales pitch for a particular vendor for their UAV product, although the concept of a drone being used to survey bridge condition, would be of benefit for the County.
- g) Integrating Design into the Design-Build Process: San Diego International Airport – How to use design-build in a team environment to create efficiencies as opposed to the design-bid-build process. This has been a success story to date.
- h) Unlocking the Promise of CAV Technology: The Ottawa Experience – Connected and autonomous vehicles (CAV) are coming. This was a presentation by two City of Ottawa officials who provided a Canadian perspective to CAV’s on how to leverage funding and the safety aspects autonomous vehicles will bring to traffic operations into the future.

- i) Staying Ahead of the Curve – Pavement Preservation: Theory, Concept and Strategies – The strategies for pavement preservation and making taxpayer dollars go further was the subject matter. This presentation certainly gave credibility to the County of Renfrew's current Asset Management Plan and how the Public Works and Engineering Department uses pavement preservation techniques to maintain the roadway system.
- j) Updating Google Street View – An excellent and informative session on how an end user can update Google Street View using very simple techniques.



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Appendix IV

September 5, 2023

County of Renfrew
Attn: Mr. Craig Kelley
Chief Administrative Officer
9 International Drive
Pembroke, ON K8A 6W5

Dear Mr. Kelley,

The purpose of this letter is to formally invite the Development and Property Committee and the Operations Committee for the County of Renfrew to hold their October 10, 2023 meeting at the Town of Deep River.

The following Resolution was approved by Council of the Town of Deep River under Item 6 of the Consent Agenda at the August 16, 2023 Meeting of Council:

6. CONSENT MATTERS

6.1 CORRESPONDENCE

Moved BY: Councillor Myers
SECONDED BY: Councillor Hughes

BE IT RESOLVED THAT all of the proposed resolutions shown in Section 6.1 – Correspondence of the agenda be approved and adopted by Council in the order that they appear on the agenda, and sequentially numbered, save and except item numbers 6.1.3, 6.1.4, 6.1.5 and 6.1.8.

CARRIED

6.1.10 ***BE IT RESOLVED THAT*** the correspondence from Mr. Glenn Doncaster, Reeve of the Town of Deep River / County Councillor, and Mr. Craig Kelley of the County of Renfrew, regarding County of Renfrew Committee Meetings, be received;



AND WHEREAS from time to time the County of Renfrew Standing Committees hold Meetings at selected Lower Tier Municipalities;

AND WHEREAS, as the Chair of the Operations Committee, Reeve Doncaster would like to extend an invitation to the County of Renfrew Operations Committee to hold the October 10, 2023 Meeting in the Town of Deep River Council Chambers, which includes the Development and Property Committee in the morning, followed by the Operations Committee in the afternoon;

THEREFORE BE IT RESOLVED THAT the CAO, Sean Patterson, be directed to extend an invitation to the CAO of the County of Renfrew, Mr. Craig Kelley, to request that the Development and Property Committee, and the Operations Committee Meetings of the County of Renfrew be convened in the Town of Deep River.

CARRIED

Thank you for your attention to this matter. We look forward to the opportunity to host the County of Renfrew Standing Committees on October 10, 2023 in the Town of Deep River.

Best regards,



Sean Patterson
Chief Administrative Officer
Town of Deep River

cc: Glenn Doncaster, Reeve / County Councillor



CAPITAL WORKS DIVISION REPORT

Prepared By: Taylor Hanrath, Manager of Capital Works

Prepared for: Operations Committee

September 12, 2023

RESOLUTIONS**1. McMahon Road Culvert County Structure Assumption Request**

Recommendation: 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.

Background

In early May, County staff were made aware of a culvert in a failed state condition under McMahon Road, 0.18km east of Ferguslea Road, Township of Admaston/Bromley. The culvert is not a County Structure; however, it does have a span of 3m. At the June meeting of County Council, Resolution OP-CC-23-06-77 was passed as follows:

“THAT County Council approve the assumption of McMahon Road Culvert on McMahon Road, 0.18km east of Ferguslea Road, Township of Admaston/Bromley; AND FURTHER THAT costs for design and construction on McMahon 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 McMahon Road Culvert and present 2023 budget implications at a future meeting.”

The design for McMahon Road Culvert has now been completed by the County staff and has been shared with staff of the Township of Admaston/Bromley for approval to proceed. It is currently estimated that the overall replacement can be completed for less than \$200,000, including design and construction, which would be shared equally between the County and the Township. In an effort to expedite the project and realize savings, the County would proceed with replacement utilizing the County Day Labour Construction forces. As McMahon Road Culvert is in a failed state condition it requires replacement this year.

BY-LAWS**2. County Road 512 (Foymount Road) Road Widening**

Recommendation: 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.

Background

In support of the reconstruction of County Road 512 (Foymount Road), the County entered into an Option to Purchase Agreement with this property owner following the finalization of their recent property purchase within the project limits. The road widening land to be transferred to the County of Renfrew is identified as part of Lot 26, Concession 14 in the Geographic Township of Sebastopol, Township of Bonnechere Valley and is described as Part 6 on Plan 49R-20193, which is attached as Appendix CW-I.

COUNTY OF RENFREW

BY-LAW NUMBER

A BY-LAW TO ACQUIRE LAND COUNTY ROAD 512 (FOYMOUNT ROAD)

WHEREAS under Section 6(1) and Section 8 of the Municipal Act, S.O. 2001, c.25, as amended, a municipality may pass by-laws to acquire land;

AND WHEREAS under Section 5(3) of the Act, the County of Renfrew's capacity, rights, powers and privileges must be exercised by By-law;

AND WHEREAS under Section 31(6) of the Act, if a municipality acquires land for the purpose of widening a highway, the land acquired forms part of the highway to the extent of the designated widening;

AND WHEREAS the County Operations Committee has reviewed and approved the transfer of the land described, for the purpose of road reconstruction.

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

1. THAT the Corporation of the County of Renfrew acquire the lands described as part of Lot 26, Concession 14, Part 6 on Plan 49R-20193, 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).
2. THAT the lands are hereby dedicated as part of the highway namely County Road 512 (Foymount Road) immediately upon registration of the transfer documents.
3. THAT this By-law shall come into force and take effect upon the passing thereof.

READ a first time this 27th day of September 2023.

READ a second time this 27th day of September 2023.

READ a third time and finally passed this 27th day of September 2023.

PETER EMON, WARDEN

CRAIG KELLEY, CLERK

OPERATIONS DIVISION REPORT

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

Prepared for: Operations Committee

September 12, 2023

INFORMATION**1. Summer Operations****a) Shouldering Program**

The shouldering program is progressing well with works in all participating patrols anticipated to be completed by October 2023.

b) Small Culvert Program

The small culvert inventory and inspection program is progressing well with staff performing this work. It is anticipated that the updates for 2023 will be completed by the end of October.

c) Crack Sealing Program

The cleaning and sealing of unrouted cracks in hot mix asphalt pavement of County Roads 16 (Victoria Street), 21 (Beachburg Road), 1 (River Road) and 62 (Combermere Road) commenced on August 28, 2023 and was completed on September 1, 2023.

2. Quotations and Tenders

Below is a summary of tenders and quotations received in the month of August 2023 that have been awarded under the authority of the Director of Public Works and Engineering. In all cases, the procurements have followed the processes set out in Corporate Policy GA-01 Procurement of Goods and Services.

a) PWO-2023-19 – Supply and Delivery of Winter Sand (Cobden Patrol Garage)

| | |
|--|----------|
| 1. McCrea Excavating Ltd., Pembroke, Ontario | \$16,500 |
|--|----------|

b) PWO-2023-21 – Supply and Delivery of Winter Sand (South West and Golden Lake Patrol Garages)

| | |
|--|----------|
| 1. McCrea Excavating Ltd., Pembroke, Ontario | \$36,960 |
|--|----------|

c) PWO-2023-22 – Supply and Delivery of Winter Sand (White Water Road Patrol Garage)

| | |
|--|----------|
| 1. G.P. Splinter Forest Products Ltd., Pembroke, Ontario | \$15,900 |
|--|----------|

All amounts exclude applicable taxes.

The supply, delivery and stockpiling of winter sand at the various patrol locations is anticipated to be completed by October 7, 2023.

3. **Disposal of Surplus Items**

The Operations Division is proceeding with another cycle of disposals for the current inventory of surplus assets. The list of items was circulated to the municipalities within the County of Renfrew with a closing date for bids of August 17, 2023. There were no municipal submissions and therefore all surplus items will proceed to public auction.

4. **Fleet Management**

The eighth and final light duty pick-up truck from the 2022 light duty truck tender PWO-2022-01, which was awarded to Surgenor Chevrolet Buick GMC Cadillac, Ottawa, Ontario has been delivered and put into service at the County Administration Building.