



COUNTY OF WELLINGTON

COMMITTEE REPORT

To: Chair and Members of the Roads Committee
From: Joe de Koning, Manager of Roads
Date: Tuesday, November 14, 2023
Subject: **2023 Road Capital Construction Summary and 2024 Construction Preview**

Background:

The Roads Division is future focused, striving to ensure the long-term financial sustainability and continued delivery of highest quality service with respect to the County's road network. This is ensured through the careful planning and execution of Road Capital Construction projects. Project selection is based upon the careful analysis of the asset condition and road use data.

This report provides the committee with an update on the status of 2023 road capital construction projects and a preview of projects to come in 2024. The following summary is based on the project status as of October 31, 2023:

Current Construction

CW2023-012 WR 7 @ 1st Line Roundabout

Township: Centre Wellington

Contractor: Steed and Evans Ltd

Budget: \$2,075,000

Actuals: \$140,554

Project Status: Project has been tendered and awarded. Work is to commence in spring of 2024 and be completed by the end of August 2024.

CW2023-030 WR7 Bosworth Bridge Replacement

Township: Mapleton

Contractor: to be tendered

Budget: \$ 6,305,000

Actuals: \$125,000

Project Status: Project will be tendered soon with work to commence in 2024 and be completed by the end of December 2024.

CW2023-010R WR 7, WR 51 to Ponsonby Passing Lane

Township: Centre Wellington/Guelph-Eramosa

Contractor: Cox Construction Limited

Budget \$2,300,000

Actuals \$599,366

Project Status: Work is ongoing and paving is expected to be completed by early November 2023.

CW2023-009 WR 7 Elora Gorge Bridge Rehabilitation

Township: Centre Wellington

Contractor: HugoMB Contracting Inc

Budget: \$500,000

Actuals: \$28,198

Project Status: Work has commenced and will continue into the spring of 2024.

CW2023-031 WR 17 Creekbank Bridge Rehabilitation

Township: Centre Wellington/Mapleton

Contractor: Engineered Concrete Limited

Budget: \$715,000

Actuals: \$688,579

Project Status: This project was completed ahead of schedule and within budget.

CW2023-032 WR 18 Carroll Creek Bridge Rehabilitation

Township: Centre Wellington

Contractor: UrbanLink Civil Ltd.

Budget: \$950,000

Actuals: \$416,281

Project Status: Work progresses and completion is anticipated by mid-November.

CW2023-029 Lake Rd (WR 32) Reconstruction

Township: Puslinch

Contractor: Cox Construction Limited

Budget: \$3,175,000

Actuals: \$2,709,939

Project Status: Work has been completed. Seasonal monitoring of road speeds will be completed over the next year to assess the result of the speed changes on the corridor. Final invoicing will see costs at or slightly above budget.

CW2023-058 WR 35 Paddock Bridge Replacement

Township: Puslinch

Contractor: Looby Builders (Dublin) Limited

Budget: \$4,325,000

Actuals: \$615,381

Project Status: Work will progress through to the end of 2023. Following winter shutdown of the project it is anticipated that the road can be reopened in Summer of 2024. Utility conflicts encountered which were no fault of the contractor have made a 2023 completion unattainable.

CW2023-014 WR 42 Ballinafad Culvert and Signals

Township: Town of Erin/Town of Halton Hills

Contractor: Cox Construction Limited

Budget: \$1,475,000

Actuals: \$189,820

Project Status: Work progresses and a mid-November reopening of the road is anticipated. With completion of the signalization late November early December. The presence of rock impeded the installation of storm water works as well as signal base construction.

CW2023-013 WR 109, Hwy 6 to Dufferin (Phase 1)

Township: Wellington-North

Contractor: Brantco Construction

Budget: \$1,750,000

Actuals: \$1,311,181

Project Status: This work was completed on schedule and within budget.

CW2023-011 WR 123, Palmerston to Teviotdale

Township: Town of Minto/Perth County

Contractor: Brantco Construction

Budget: \$2,700,000

Actuals: \$1,870,773

Project Status: This work was completed on schedule and within budget.

CW2023-034 Pavement Overlay (Various Locations)

Township: Various Locations

Contractor: Brantco Construction

Budget: \$848,587

Actuals: \$749,259

Project Status: This work was completed on schedule and within budget.

CW2023-038 Microsurfacing

Township: Centre Wellington/Guelph-Eramosa

Contractor: Miller Paving Limited

Budget: \$694,210

Actuals: \$732,333

Project Status: This work was completed on schedule and slightly above budgeted cost.

CW2023-037 Blow and Seal (Multiple Locations)

Township: Various Locations

Contractor: Fine Line Markings Inc.

Budget: \$79,496

Actuals: \$Nil

Project Status: Work to be commence early summer 2024.

2023 Shared Construction Projects**East Mill St (WR 18) Reconstruction**

Project Lead: Township of Centre Wellington

Contractor: J.G. Goetz Construction Ltd

Budget: \$1,150,000

Actuals: \$52,354

Project Status: First phase of the project projected to be completed early December 2023. On budget to date.

WR 86 Culvert (C861290 – Perth #17)

Project Lead: Perth County

Contractor: Kurtis Smith Excavating Inc.

Budget: \$500,000

Actuals: \$Nil

Project Status: Work was completed on time and within budget.

2023 Summary

• Construction Costs (approximate)	\$ 29,540,000
• Major Culvert Replacements	2
• Bridge Rehabilitations or Replacements	5
• Road Preservation (Overlays)	19 km
• Road Renewal	17 km
• New Traffic Signals	1 each

2024 Project Forecast**WR 11 Flax Bridge Rehabilitation**

Township: Mapleton

Proposed Budget: \$500,000

Project Description: Rehabilitation to extend the lifecycle of the Flax bridge. With replacement anticipated at the end of the ten-year budget forecast.

WR 11, 16th Line to WR 109

Township: Mapleton

Proposed Budget: \$1,250,000

Project Description: Road recycling and paving of 1 lift of new asphalt.

WR 12 Bridge B012100 Replacement

Township: Mapleton

Proposed Budget: \$970,000

Project Description: Removal and replacement of the existing structure.

WR 18, Fergus to Dufferin

Township: Centre Wellington

Proposed Budget: \$5,000,000

Project Description: This work will see the rehabilitation of approximately 2km of roadway and the following intersection improvements. Round-a-bout at WR18 and 26, Round-a-bout at WR18 and 2nd Line. Signalization of WR18 and WR29. As well the temporary signal set located at WR18 and WR26 will be re- located to another intersection within the County of Wellington.

WR 34 Irish Creek Bridge Rehabilitation

Township: Puslinch

Proposed Budget: \$800,000

Project Description: Rehabilitation of the existing structure. Scheduling for commencement will be determined through coordination with the MTO to limit impacts of the required road closure.

WR 109 CR Bridge 6 B109132 Replacement

Township: Wellington North

Proposed Budget: \$5,100,000

Project Description: Design and tendering of the first of four bridge structures near Arthur on WR109. Work to commence late 2024 early 2025.

WR 109, Teviotdale to Harriston (10km)

Township: Town of Minto

Proposed Budget: \$5,000,000

Project Description: Recycling of existing road, paving with one lift of new asphalt with widened paved shoulders.

WR 124, Guelph to Whitelaw

Township: Guelph-Eramosa

Proposed Budget: \$4,150,000

Project Description: First phase of the project to reconstruct WR124 from Guelph to Guelph Eramosa Township Road 1. Work will see the addition of a turning lane through a section of road close Guelph, and the renewal of the traffic signals at Whitelaw road.

Pavement Preservation

Township: Various Locations

Proposed Budget: \$2,000,000

Project Description: Combination of pavement overlay, shoulder rehabilitation and crack sealing projects.

2024 Project Summary

- Construction Costs (approximate) \$24,770,000
- Bridge Rehabilitations or Replacements 4
- Road Preservation (Overlays) forecasted 5 km
- Road Renewal forecasted 16 km
- New Traffic Signals 1
- New Roundabouts 2

Recommendation:

That the report titled “2023 Road Capital Construction – Project Status” be received for information.

Respectfully submitted,

A handwritten signature in black ink, appearing to read 'Joe de Koning', with a large, stylized flourish at the end.

Joe de Koning, P. Eng.
Manager of Roads

Attachment: Construction 2023 Project Map
Construction 2024 Project Map