

DATE: December 9, 2024

REPORT NO: PW-25-2024

SUBJECT: **2024 Capital Project Completion Update**

CONTACT: Ray Vachon, Project Manager
Mike DiPaola, P.Eng, Director of Public Works & Recreation

OVERVIEW:

- In the Spring of 2024, both the Campbell Bridge Rehabilitation Tender and the 2024 Road Rehabilitation Tender were awarded by Council.
- The Murgatroyd Trail Reconstruction Tender was awarded by Council in the Fall of 2024.
- The Campbell Bridge Rehabilitation project was completed on September 1 2024.
- The 2024 Road Rehabilitation project was substantially completed on August 23, 2024.
- The Murgatroyd Trail Reconstruction project was completed on November 25, 2024.
- All three projects were completed within their respective approved budget.
- The purpose of this report is to provide a project completion update to Committee and Council with respect to these 3 capital infrastructure projects.

RECOMMENDATION:

1. That, Information Report PW-25-2024 titled “2024 Capital Project Completion Update”, dated December 9, 2024, be received for information.

ALIGNMENT TO STRATEGIC PLAN:

Theme #1

- **BUILD** a safe, connected, caring and active community.

BACKGROUND:

Contract PW 2024-04 Campbell Bridge Rehabilitation

The work involved for this bridge rehabilitation included concrete patch repairs to the deck, soffit, fascia, abutments, and wingwalls, deck waterproofing, deck drains, replacement of the barriers, a new asphalt surface, and erosion control on the embankments.

On April 24, 2024, the tender was issued and the Township received four (4) bid submissions. The low bidder, Anthony's Excavating Central Inc., was awarded the project at the May 27 2024 meeting (Item PW21-24 Recommendation Report PW-15-2024 Campbell Bridge (TWL-IDB04) Rehabilitation Tender Award) at a price of \$447,923.00, with an estimated total project cost of \$665,000. The approved budget for this project was \$735,500.00.

Following the execution of the contract documents and pre-construction meeting, work on the bridge began mid-June.

Contract PW 2024-01 2024 Road Rehabilitation

The work involved for Concession 3 Road (RR14 Smithville Road to Caistor Gainsborough Townline Rd) and Abingdon Road (North Chippawa Road to Concession Rd 2) included road base repairs, crossfall correction by adding additional material, and a single tar and chip surface treatment application. For Vaughan Road (Wellandport Rd/RR 27 to Heaslip Road), work included adding granular material and grading to achieve a proper road crossfall, and hard topping of the gravel road with a double application of surface treatment.

The tender was posted in March 1 2024, and closed on March 21. A total of two (2) bid submissions were received. The low bidder, Walkers Construction Limited, was awarded the project at the April 22 meeting (Item PW12-24 Recommendation Report PW-13-2024, 2024 Road Rehabilitation Project Tender Award (PW 2024-01) – Budget Amendment BA2024-02) at a price of \$795,767.00, well under the approved adjusted budget and estimated total project costs of \$950,000.00.

Following the execution of the contract documents and pre-construction meeting, work on the project began in early July.

Contract PW 2024-05 Murgatroyd Trail Reconstruction

The majority of the work involved cutting down the existing slope near Ellis St. to less than 8% slope from the current 12 to 14%. This makes the trail AODA compliant. Additional work involved the full reconstruction of the asphalt surface and granular base, drainage improvements, some new fencing, and tree removals.

On August 14, 2024, Administration circulated a Tender document and on the closing date

of August 29, 2024, six (6) tenders were received and opened. The low bidder, Stevensville Lawn Services Inc., was awarded the project at the September 16, 2024 meeting (Item PW30-24 Recommendation Report PW-22-2024 Murgatroyd Trail Reconstruction (PW 2024-05) Tender Award) at a price of \$172,987.00, with an estimated total project cost and approved budget of \$215,000.00.

CURRENT SITUATION:

Contract PW 2024-04 Campbell Bridge Rehabilitation

The project was substantially completed and the bridge was re-opened September 1 2024, and is now under a 1-year maintenance/warranty period. Schedule A shows before and after photos of Campbell Bridge.

The project was completed on time and under budget.

Total cost for the project, including construction, engineering design, construction administration and inspection is estimated to total \$475,100, which is under the estimated project costs \$665,000.00 and approved budget of \$735,500.00.

The lower than budgeted project cost is a result of not requiring any concrete patching on the structure deck. Field soundings of the concrete deck were completed once the asphalt was removed and it was found to be in very good condition, therefore, no concrete patching was required. Concrete patching is one of the more expensive items in the tender, which resulted in lower total construction costs.

Contract PW 2024-01 2024 Road Rehabilitation

The project was substantially completed on August 23, 2024, and is now under a 1-year maintenance/warranty period. Schedule B shows before and after photos of the roads that were included in project.

The project was executed with limited unexpected issues although wet weather did minimally hamper the schedule. This did not affect the budget.

Total cost for the project is estimated to be \$714,660 which is lower than the adjusted approved budget of \$950,000.00 from the April 2024 Tender Award report. The lower project costs are a result of lower than estimated quantities for base repairs and any extra material to correct the road crossfall, prior to resurfacing the roads.

Contract PW 2024-05 Murgatroyd Trail Reconstruction

The project was completed on November 25, 2024, and is now under a 1-year maintenance/warranty period. Schedule C shows before and after photos of the trail.

The project was executed with limited unexpected issues which helped to complete the

work in a timely matter well under the original projected schedule.

Total cost for the project is estimated to be \$210,000.00 which is within the approved budget of \$215,000.00 from the September 16, 2024 Tender Award report.

FINANCIAL IMPLICATIONS:

The Campbell Bridge project is estimated to cost \$475,100 compared to an approved budget of \$735,500. This project was financed with Development Charges, the Bridge Reserve and the OCIF (Ontario Community Infrastructure Fund) grant. Administration has determined that there will be additional OCIF funding available to allocate in 2025 totalling \$231,850 as a result of this under expenditure.

The 2024 Road Rehabilitation project is estimated to cost \$714,660 compared to an approved budget of \$950,000. This project was financed with Development Charges, Capital Reserve and Debenture proceeds. Administration has determined that there will be \$220,720 of Capital Reserve funds that will no longer need to be encumbered for this project and will be available to be used to fund projects within the 2025 budget.

The chart below provides a summary of the actual financing compared to the budgeted financing.

	Budget		Actual		Difference
	Road Rehabilitation	Campbell Bridge	Road Rehabilitation	Campbell Bridge	
Development Charges	\$ 36,000	\$ 73,550	\$ 21,380	\$ 45,000	\$ 43,170
OCIF Grant	\$ -	\$ 540,000	\$ -	\$ 308,150	\$ 231,850
Debenture Proceeds	\$ 217,400	\$ -	\$ 217,400		\$ -
Reserves	\$ 696,600	\$ 121,950	\$ 475,880	\$ 121,950	\$ 220,720
Total	\$ 950,000	\$ 735,500	\$ 714,660	\$ 475,100	\$ 495,740

The Murgatroyd Trail Reconstruction project is estimated to cost \$210,000.00 compared to the approved budget of \$215,000.00. This project was financed with the Capital Reserve budget. Administration will continue to carry the remaining \$5,000.00 until the end of the of the one-year maintenance period (November 2025) in case any extra work needs to be completed on this project, beyond any workmanship deficiencies that the contractor would be responsible for.

INTER-DEPARTMENTAL COMMENTS:

This report was reviewed by the Clerks Department, and the CAO and Director of Finance/Treasurer. The Financial Implications was provided by the Treasurer.

CONCLUSION:

The 2024 Capital Project Completion Update Report is being provided as an update for information purposes and to inform that these three contracts are substantially complete and under budget.

SCHEDULES:

Schedule A – Campbell Bridge Rehabilitation Before and After Photos

Schedule B – All Rehabbed Roads Before and After Photos

Schedule C – Murgatroyd Trail Reconstruction Before and After Photos

Prepared & Submitted by:

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Approved by:

Truper McBride, CAO