

DATE: March 18, 2024
REPORT NO: PW-03-2024
SUBJECT: **2023 Capital Project Completion Update**
CONTACT: Ray Vachon, Project Manager

OVERVIEW:

- In the Spring of 2023, both the Pearson Bridge Rehabilitation tender and 2023 Road Rehabilitation tender were awarded under reports PW-01-2023 and PW-11-2023 respectively.
- The 2023 Road Rehabilitation project was substantially completed on October 26, 2023 and the Pearson Bridge Rehabilitation project was substantially completed on December 11, 2023.
- Both 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 2 capital infrastructure projects.

RECOMMENDATION:

That, Information Report PW-03-2024; re: “2023 Capital Project Completion Update”, dated March 18, 2024, be received for information.

ALIGNMENT TO STRATEGIC PLAN:

BUILD a safe, connected, caring and active community.

BACKGROUND:

Contract PW 2022-02 Pearson Bridge Rehabilitation

The work involved for this bridge rehabilitation included repair of the concrete deck, girders, abutments, conversion to semi-integral abutment, abutment bearing replacements, addition of an approach slab, guiderail installation, roadway approach works, and erosion control on the embankments.

In January 2023, the tender was issued and the Township received 9 bid submissions. The low bidder, Anthony’s Excavating Central Inc., was awarded the project at the

February 2023 meeting (report PW-01-2023) at a price of \$1,034,502.12, well under the approved budget of \$1,250,000.00. This was a joint project with the Township of Wainfleet and was cost shared 50/50.

Work began in late May and proceeded throughout the Summer and into the late Fall of 2023.

Contract PW 2023-01 2023 Road Rehabilitation

The work involved for Concession 3 Road (RR14 Smithville Road to Caistor Centre Road), Concession 4 Road (RR24 Victoria Avenue to Hodgkins Road), and Young Street (RR12 Grimsby Road to Grassie Road), included culvert replacements, road base repairs, road surface padding, ditching, and a single tar and chip surface treatment application. For Industrial Park Road (Spring Creek Road to Railway Tracks), the work involved full depth removal of the existing asphalt and replacement with 115 mm of hot mix asphalt. On Vaughan Road (Caistor/Gainsborough Townline Road to RR27 Wellandport Road), work included culvert replacements, grading, and hard topping of the gravel road with a double tar and chip surface treatment.

The tender was posted in March 23, and closed on April 6. A total of 4 bid submissions were received. The low bidder, Walkers Construction Limited, was awarded the project at the April meeting (report PW-11-2023) at a price of \$2,112,150.00, well under the approved budget of \$2,570,000.00.

Work on the project began in June and proceeded to early Fall of 2023 with the completion of Industrial Park Road.

CURRENT SITUATION:

Contract PW 2022-02 Pearson Bridge Rehabilitation

The project was substantially completed and the bridge/road was re-opened on December 11, 2023, and is now under a 1-year maintenance/warranty period. There is still minor outstanding work to be completed, due to material lead times, which will be addressed in a few weeks. The outstanding work will not require further road closures and are under \$20,000 to complete.

There were some challenges including weather, contractor staffing, and some unexpected work due to missing information on the original bridge design drawings. These challenges did end up extending the length of the project.

Total cost for the project, including construction, construction administration, inspection, and non-recoverable HST, will be under \$1,119,700.00 which is under the approved budget of \$1,250,000.00. Before and after photos of the bridge are included in Schedule A.

Contract PW 2023-01 2023 Road Rehabilitation

The project was substantially completed on October 26, 2023, and is now under a 1-year maintenance/warranty period. Schedule B shows before and after photos of the roads that were included in this Road Rehabilitation program/contract.

The only challenge with this project was some minor contractor staffing allocation and scheduling, which did delay the work on Industrial Park Road by a few weeks.

Total cost for the project, including construction, construction administration, inspection, and non-recoverable HST is \$2,123,005.

FINANCIAL IMPLICATIONS:

Pearson Bridge is expected to be below budget by approximately \$130,300. The Township portion of that savings is \$65,150, as the Township of Wainfleet is funding half of this project. This will result in additional OCIF (Ontario Community Infrastructure Fund) funding being available for the 2025 Capital Budget.

The Road Rehabilitation Project is expected to be below budget by approximately \$446,995. The bulk of that savings, \$337,446 is related to the Vaughan Road paving project, which used debenture financing. The unused portion of the debenture is used to partially finance the 2024 Vaughan Road hard-topping project. The balance of the savings from the Road Rehabilitation Project impacts the CCBF (Canada Community Building Fund). Staff had anticipated savings in this area and adjusted the CCBF funding in the 2024 Capital Budget accordingly.

INTER-DEPARTMENTAL COMMENTS:

This report was reviewed by the Clerks Department, and the Interim CAO and Treasurer. The Financial Implications was provided by the Interim CAO and Treasurer.

CONCLUSION:

The 2023 Capital Project Completion Update Report is being provided as an update for information purposes and to inform that these two contracts are substantially complete and under budget.

SCHEDULES:

Schedule A – Pearson Bridge Rehabilitation Before and After Photos

Schedule B – Vaughan Road Before and After Photos

Prepared & Submitted by:

Approved by:

Ray Vachon, Project Manager

Donna DeFilippis, Interim CAO/Treasurer