

## COUNCIL REPORT

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|--------------|---------------------------------------|
| M&C No.      | 2024-334                              |
| Report Date  | December 02, 2024                     |
| Meeting Date | December 09, 2024                     |
| Service Area | Utilities and Infrastructure Services |

Her Worship Mayor Donna Noade Reardon and Members of Council

***SUBJECT: Contract 2023-11: Broad Street (Charlotte Street to Carmarthen Street)  
– Street Reconstruction***

### ***AUTHORIZATION***

|                             |                                            |                                 |
|-----------------------------|--------------------------------------------|---------------------------------|
| Primary Author              | Commissioner/Dept. Head                    | Chief Administrative Officer    |
| <b><i>Kevin O’Brien</i></b> | <b><i>Ian Fogan/<br/>Michael Baker</i></b> | <b><i>J. Brent McGovern</i></b> |

### ***RECOMMENDATION***

It is recommended that Contract No. 2023-11: Broad Street (Charlotte Street to Carmarthen Street) - Street Reconstruction be awarded to the low tenderer, L. Sanford and Sons Ltd., at their tendered price of \$2,822,196.34 (including HST) as calculated based on estimated quantities, and further that the Mayor and City Clerk be authorized to execute the necessary contract documents.

### ***EXECUTIVE SUMMARY***

The purpose of this report is to recommend that Council award Contract No. 2023-11: Broad Street (Charlotte Street to Carmarthen Street) - Street Reconstruction project to the low tenderer.

### ***PREVIOUS RESOLUTIONS***

April 17, 2023: M&C 2023-098 – 2023 General Fund and Utility Fund Capital Budget Update, approved.

October 17<sup>th</sup>, 2022: M&C 2022-317 – 2023 and 2024 General and Utility Fund Capital Budget, approved.

### ***REPORT***

The 2023 approved Water & Sewerage Utility Fund and General Fund Capital Programs include funds for the reconstruction of Broad Street from Charlotte Street to Carmarthen Street. The work on Broad Street includes the replacement of the existing water main and sanitary sewer, installation of a new storm sewer for separation, and full street reconstruction. The work also includes new

concrete curbs and sidewalk, extension of Harbour Passage, grass median, roadway granular material, asphalt, trees, pedestrian crossing improvements and street signage.

**TENDER RESULTS**

Tenders closed on November 26, 2024 with the following results, including HST:

|                                |                 |
|--------------------------------|-----------------|
| 1. L. Sanford and Sons Ltd.    | \$ 2,822,196.34 |
| 2. Fairville Construction Ltd. | \$ 3,059,588.80 |
| 3. Galbraith Construction Ltd. | \$ 3,117,614.64 |
| 4. TerraEx Inc.                | \$ 3,197,793.50 |

The Engineer's estimate for the work was \$3,405,863.00.

**ANALYSIS**

The tenders were reviewed by staff and all were found to be formal in all respects except for the tender from L. Sanford and Sons Ltd. The tender submitted by L. Sandford and Sons Ltd. contained a conflict between a written and numeric bid price for one bid item. In these instances, Division 2 – Instruction to Tenderers and Tendering Procedures, item 2.11 (u)(ii) indicates the written bid price prevails over the numeric bid price. In accordance with this section, the error was corrected and the correct total was used for evaluation purposes and reported above in the tender results. Staff are of the opinion that the low tenderer has the necessary resources and ability to perform the work and recommend acceptance of their tender.

**FINANCIAL IMPLICATIONS**

The Contract includes work that is charged against the 2023 Water & Sewerage Utility Fund and General Fund Capital Programs. This project is partially funded by the Integrated Bilateral Funding program (Other Share). Assuming the award of the Contract to the low tenderer, an analysis has been completed, which includes the estimated amount of work to be performed by the Contractor and Others.

The analysis below was established by considering the City Share funding included in the approved 2023 Capital Program. In determining the overall budget for this project, a breakdown of Other Share (73.33%) and City Share (26.67%) was used. This allocation was determined by considering the City Share as 26.67% of the overall budget.

The analysis is as follows:

|                      |                 |
|----------------------|-----------------|
| Budget               | \$ 2,223,472.07 |
| Project Net Cost     | \$ 2,796,081.17 |
| Variance (Shortfall) | -\$ 572,609.10  |

The variance for this project is based on a projected shortfall in the 2023 General Fund Capital Program of \$672,623.45 as well as a surplus of \$100,014.35 in the 2023 Utility Fund Capital Program.

The shortfall for the 2023 General Fund is \$179,388.67 City Share (26.67%) while \$493,234.78 Other Share would come from the overall Integrated Bilateral Fund envelope. A portion of the General Fund City Share shortfall (\$148,229.41) will come from the already approved Council recommendation as part of M&C 2023-098 to transfer up to two million dollars from the General Fund Capital Reserve to 2023 General Fund Capital projects requiring additional funding as part of an overall plan to allow overages to be offset with available funding. The remaining portion (\$31,159.26) will come from the 2023 General Fund Capital projects that have been deferred (M&C 2023-098) as part of a plan to allow for overages to be offset within the 2023 General Fund Capital budget.

It should be noted that due to the City using Other Share funding offsets from the overall Integrated Bilateral Fund envelope, projects originally planned to be completed within the program will need to be canceled. Once clarity is obtained (i.e. designs & engineers estimates completed) on the remaining reduced scope of work within the program the City will be requesting an overall scope change for the program from RDC to align with the projects completed.

#### **POLICY - TENDERING OF CONSTRUCTION CONTRACTS**

This recommendation aligns with the Council's policy for the tendering of construction contracts, adhering to the City's General Specifications and specific project specifications.

#### ***STRATEGIC ALIGNMENT***

This report aligns with Council's Priorities for GROW, GREEN, MOVE and PERFORM as the project involves reconstructing sections of a city street currently in poor condition while leveraging Other Share funding. The work also includes installing a new storm sewer, allowing for separation of sanitary sewer and storm sewer flows within the project limits as well as the extension of the Harbour Passage multi-use trail.

During the design phase of the work for this project, a review of the Central Peninsula Secondary Plan (The Secondary Plan) was completed. The Secondary Plan contains several Policies and Proposals relating to the Central Peninsula. Throughout the engagement process in developing the Secondary Plan, more street trees and greening was identified as a community priority.

With respect to Broad Street (Charlotte Street to Carmarthen Street), the Secondary Plan included the priorities for more street trees and greening. There

was also a noted desire to improve pedestrian infrastructure, including the need for additional crosswalks.

The reconstruction of Broad Street (Charlotte Street to Carmarthen Street) includes the renewal of the water and sanitary sewer infrastructure as well as the installation of new storm sewer infrastructure for separation. The street reconstruction design achieves a more livable environment in the Southern Peninsula. A few noteworthy improvements include:

- **Road narrowing (Charlotte Street to Sydney Street)** – The existing street cross-section (asphalt width) on Broad Street from Charlotte Street to Sydney Street will be reduced from an average of 15.4 m to an effective width of 12.2 m. This will be achieved by adding a 3.0 m wide center median on this section of Broad Street. This will maintain sufficient width for the two travel lanes, bike lanes and a buffer between the bike lanes and travel lanes while enhancing safety through traffic calming.
- **Road narrowing (Sydney Street to Carmarthen Street)** – The existing street cross-section (asphalt width) on Broad Street from Sydney Street to Carmarthen Street will be reduced from an average of 13.0 m to 10.0 m. This will still allow for the two travel lanes and one lane of alternating on-street parking. For this section of Broad Street the bike lanes will transition to off-street bike lanes, which allowed for this reduction in asphalt width.
- **Bike lane installation** – New 1.8 m wide bike lanes, as well as 0.6 m wide buffer lanes, will be included on each side of Broad Street from Charlotte Street to Sydney Street. For the section of Broad Street from Sydney Street to Carmarthen Street, new off-road bike lanes will be installed on each side of the road as part of new multi-use trails.
- **Curb extensions** – Curb extensions will be installed on the western side of Broad Street/Sydney Street intersection to facilitate the transition from the wider roadway cross-section west of Sydney Street to the narrower roadway cross-section east of Sydney Street. These curb extensions will also allow for the transition from on-street to off-road bike lane infrastructure. Additionally, these extensions will improve pedestrian safety by reducing the crossing distance for pedestrians as well as making pedestrians about to cross Broad Street more visible to motorists.
- **On-street parking** – The current alternate side on-street parking will be maintained for the section of Broad Street from Sydney Street to Carmarthen Street. Parking is currently not permitted on the section of Broad Street from Charlotte Street to Sydney Street and this will be maintained following the reconstruction project.
- **Pedestrian access ramps** – Access ramps will be installed in the sidewalks at pedestrian crossings that are flush with the asphalt roadway surface. This will remove any barriers to access by all users of the pedestrian transportation infrastructure. Tactile warning surface indicators will also be installed at the crosswalks.
- **Enhanced pedestrian crossings** – New Rapid Rectangular Flashing Beacons (RRFB) crossing infrastructure will be installed at the Broad Street crossings at the Charlotte Street, Sydney Street and Carmarthen Street intersections.

The new RRFB installation at Carmarthen Street will be replacing the deteriorated set of traffic lights currently at this intersection.

- **New sidewalks** – Replacement of the existing asphalt sidewalks with new concrete curb and sidewalk infrastructure on Broad Street from Charlotte Street to Carmarthen Street. The existing section of Harbour Passage on the south side of Broad Street from Charlotte Street to Sydney Street will remain.
- **Extension of Harbour Passage** – An extension of the Harbour Passage multi-use trail will be installed on the south side of Broad Street from Sydney Street to Carmarthen Street. The extension of Harbour Passage also involves enhanced landscape features including decorative lighting, planting beds, benches, bike rack and trash receptacles.
- **Landscape improvements** – Some additional street trees will be planted as part of this project. The existing grass medians will be reinstated and all efforts will be made to protect the existing mature trees during construction. The maintaining of these green spaces is in line with the Secondary Plan and Council's priorities.

### ***SERVICE AND FINANCIAL OUTCOMES***

The municipal infrastructure along Broad Street (Charlotte Street to Carmarthen Street), is currently in poor condition and requires replacement. This infrastructure renewal effort reduces the likelihood of future service disruptions for residents, addressing potential failures in the existing infrastructure. Additionally, the project includes the separation of stormwater and sanitary sewer flows within the project limits further contributing to the overall improvement of the area's infrastructure.

This project also provides for the opportunity to make several streetscape enhancements that will improve the safety of this section of Broad Street for all users of the transportation infrastructure, which is key given the proximity of this project to the new school for the Southern Peninsula. This project also allows for the extension of the Harbour Passage multi-use trail as well as the addition of bike lanes.

### ***INPUT FROM OTHER SERVICE AREAS AND STAKEHOLDERS***

This report was reviewed with the Finance Department, Public Works and Transportation and Growth and Community Services. The tendering process for this project was completed in accordance with the City's Strategic Procurement Policy and Supply Chain Management supports the recommendation being put forth.

Staff consulted with the Saint John Ability Advisory Committee on the planned work on Broad Street from Charlotte Street to Carmarthen Street. A Public Information Session for this project will be held prior to the start of construction.

**ATTACHMENTS**

N/A