

NO: R156

COUNCIL DATE: July 24, 2017

REGULAR COUNCIL

TO: **Mayor & Council** DATE: **July 20, 2017**

FROM: **General Manager, Engineering** FILE: **1717-072/01**

SUBJECT: **Award of Contract M.S. 1717-072-11
Civic Plaza Lane and 103 Avenue Resurfacing**

RECOMMENDATION

The Engineering Department recommends that Council:

1. Award Contract M.S. 1717-072-11 to Lafarge Canada Inc. in the amount of \$474,023.55, including GST, for resurfacing of the Civic Plaza Lane and 103 Avenue adjacent to the City Hall Plaza;
2. Set the expenditure authorization limit for Contract M.S. 1717-072-11 at \$525,000.00, including GST and contingency; and
3. Authorize the General Manager, Engineering to execute Contract M.S. 1717-072-11.

SCOPE OF WORK

The construction related to this contract consists of the resurfacing of the Civic Plaza Lane and 103 Avenue, adjacent to the City Hall Plaza, which is also illustrated on the map attached to this report as Appendix "I".

Civic Plaza Lane and 103 Avenue were constructed in 2013 as part of the City Hall construction project. These roadways were constructed with concrete unit pavers supported on compacted sand that allows water to infiltrate and be retained as part of the Stormwater Management System. The compacted sand structure along 103 Avenue is intact, whereas the soils below Civic Plaza Lane have been weakened due to saturated conditions, leading to premature failure of some of the pavers and increased maintenance to re-level and replace damaged pavers.

This contract consists of removal of existing pavers on Civic Plaza Lane and replacement with an architecturally finished and colored reinforced concrete slab. The concrete slab is required along Civic Plaza Lane to provide a structural surface to service higher traffic volumes, transit buses and larger fire trucks capable to service the surrounding buildings. The concrete slab will also provide an aesthetic finish which will clearly delineate the laneway from pedestrian movement in the Plaza area. As part of the works, the existing roadway markers will be upgraded and the Plaza trees will be replaced with a more columnar tree species (the existing trees will be replanted elsewhere in the City).

The eastern portion of 103 Avenue south of the Plaza will be paved with asphalt, as per the City's typical road standard and consistent with the servicing requirements for 3 Civic Plaza and Translink's Skytrain Station expansion. A pedestrian crosswalk area will be delineated with new concrete banding, with the existing pavers within the crosswalk to remain in place to improve pedestrian visibility.

The contract work is expected to start on August 14, 2017, and be completed by early October 2017, prior to the grand opening of the "Civic Hotel" at 3 Civic Plaza. This schedule is coordinated with both 3 Civic Plaza and Translink's projects which include the coloured concrete laneway north of 3 Civic Plaza (Fall 2017 by 3 Civic Plaza) and 103 Avenue south of 3 Civic Plaza (Fall 2017/Summer 2018 by 3 Civic Plaza and Translink), as shown on Appendix "I".

TENDER RESULTS

Tenders for the subject contract were opened on July 14, 2017 with the following results:

<i>Contractor</i>	<i>Tendered Amount with GST</i>	<i>Corrected Amount</i>
1. Lafarge Canada Inc.	\$474,023.55	No Change
2. Winvan Paving Ltd.	\$554,827.14	No Change
3. Tybo Contracting Ltd.	\$784,759.50	No Change

The Engineer's (Aplin & Martin Consultants Ltd.) pre-tender estimate was \$600,000 including GST.

EVALUATION

The City's consultant reviewed the tender submissions for accuracy and completeness. No errors were found. All submissions included the required 10% bid bond, were signed on the Tender Form, and were initialed on the Summary Sheet of the Schedule of Quantities and Prices.

The low bidder, Lafarge Canada Inc., has provided a Consent of Surety for a Performance Bond and a Labour & Materials Bond, and agreed to complete the work within 40 working days, as stipulated in the contract. Lafarge Canada Inc.'s past performance on similar work has been satisfactory. They have no outstanding legal claims against the City. It is recommended that Lafarge Canada Inc. be awarded Contract M.S. 1717-072-11.

SUSTAINABILITY CONSIDERATIONS

The work of this contract supports the objectives of the City's Sustainability Charter. In particular, this project relates to the Sustainability Charter themes of Built Environment and Neighbourhoods, and Public Safety by replacing the existing paver surface, thus reducing maintenance and replacement costs, and providing more visible lane markings for pedestrian and vehicle safety. Specifically, the acquisition supports the following Desired Outcomes:

- Neighborhoods and Urban Design DO2: Surrey is well-connected within the city and to the rest of the region by fast and efficient public transit and active all-ages-and-abilities transportation infrastructure; and
- Transportation Safety DO9: Transportation network supports and provides safe mobility for all ages and abilities.

FUNDING

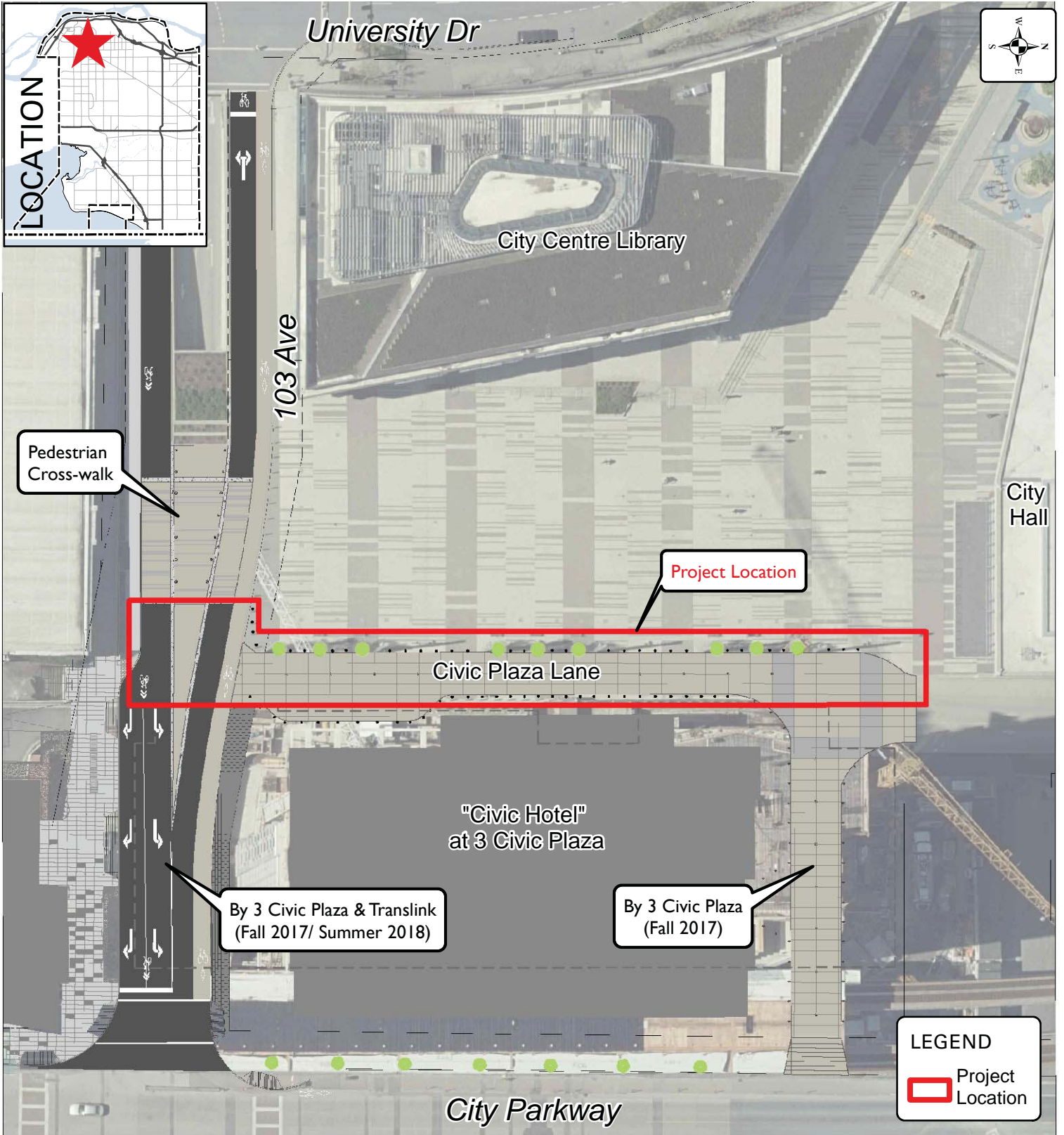
Funding for this contract is available in the approved 2017 Transportation Budget.

Fraser Smith, P.Eng., MBA
General Manager, Engineering

SBN/TB/cc

Appendix "I" – Map of Locations – Contract M.S. 1717-072-11

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Produced by GIS Section: 18-Jul-2017, C9W

Scale: 1:720 0 7.5 M



CONTRACT M.S. 1717-072-11
Civic Plaza Lane and
103 Avenue Resurfacing

ENGINEERING
DEPARTMENT

The data provided is compiled from various sources and IS NOT warranted as to its accuracy or sufficiency by the City of Surrey. This information is provided for information and convenience purposes only. Lot sizes, Legal descriptions and encumbrances must be confirmed at the Land Title Office.