

REGULAR COUNCIL

TO: Mayor & Council DATE: November 19, 2015
 FROM: General Manager, Engineering FILE: 1715-007/11
 SUBJECT: Award of Contract M.S. 1715-007-11
 Roundabout at 108 Avenue and 156 Street and Multi-use Pathway

RECOMMENDATIONS

The Engineering Department recommends that Council:

1. Award Contract M.S. 1715-007-11 to TAG Construction Ltd. in the amount of \$1,320,295.20, including GST, for construction of a roundabout at 108 Avenue and 156 Street and multi-use pathway construction; and
2. Set the expenditure authorization limit for Contract M.S. 1715-007-11 at \$1,455,000.00, including GST and contingency.

SCOPE OF WORK

The construction package related to this contract includes construction of a roundabout at 108 Avenue and 156 Street, and the adjacent multi-use pathway, as listed in the following table. The sites are also illustrated on the map attached to this report as Appendix I.

Project #	Project Description	Location
3814-4050-00	Roundabout	156 Street and 108 Avenue
3815-6020-00	Multi-Use Pathway	108 Avenue: 156 Street to 154 Street 154 Street: 108 Avenue to 110A Avenue

The proposed roundabout is to replace the existing four-way stop intersection at 108 Avenue and 156 Street. The benefits of a roundabout are increased vehicle capacity, enhanced vehicle and pedestrian safety, and sustainable operation (compared to a traffic signal). The City has hosted community open house events where local residents and the Fraser Heights Community Association expressed their support to this project.

The proposed multi-use pathway includes installation of asphalt surfacing, concrete curb and gutter, pedestrian and street lighting, and landscaping. The 0.9 kilometre project connects two segments of the Fraser Heights Greenway, and provides a continuous connection to the recently constructed Port Mann pedestrian bridge at 112 Avenue.

The contract work is expected to start in December 2015, and be completed by May 2016, with the multi-use pathway substantially constructed by the end of February 2016.

TENDER RESULTS

Tenders for the subject contract were opened on November 30, 2015 with the following results:

<i>Contractor</i>	<i>Tendered Amount with GST</i>	<i>Corrected Amount</i>
1. TAG Construction Ltd.	\$1,320,295.20	No Change
2. Arsalan Construction Ltd.	\$1,345,050.00	No Change
3. Winvan Paving Ltd.	\$1,409,381.67	\$1,405,673.28
4. B&B Contracting (2012) Ltd.	\$1,406,600.00	No Change
5. Lafarge Canada Inc.	\$1,476,100.50	No Change
6. Martens Asphalt Ltd.	\$1,511,063.73	No Change
7. Jack Cewe Ltd.	\$1,546,033.65	1,546,059.38
8. Wilco Civil Inc.	\$1,568,614.95	No Change
9. JS Ferguson Construction Inc.	\$1,873,105.50	\$1,873,099.20

The Engineer's (Dillon Consulting Ltd.) pre-tender estimate was \$1.35 million, including GST.

EVALUATION

The City's consultant reviewed the tender submissions for accuracy and completeness. Minor mathematical errors were found in 3 of the 9 tenders that had no bearing on the outcome of the tender process. All submissions included the required 10% bid bond, were signed and sealed on the Tender Form, and were initialed on the Summary Sheet of the Schedule of Quantities and Prices.

The low bidder, TAG Construction Ltd., has provided a Consent of Surety for a Performance Bond and a Labour & Materials Bond, and agreed to complete the work within 70 working days, as stipulated in the contract. TAG Construction Ltd.'s past performance on similar work has been satisfactory. They have no outstanding legal claims against the City. It is recommended that TAG Construction Ltd. be awarded Contract M.S. 1715-007-11.

SUSTAINABILITY CONSIDERATIONS

The work associated with this contract will assist in achieving the objectives of the City's Sustainability Charter related to safely and efficiently moving people and goods, not just vehicles, and promoting active living. The project will also act to enhance the public realm by implementing street standards that minimize the negative impacts of transportation facilities on communities while providing appropriate infrastructure in support of the City's transportation needs. More particularly, the project supports the following Sustainability Charter scope action items:

- SC 11: Public Safety & Security;
- SC 13: Creating a Fully Accessible City;
- EN 13: Enhancing the Public Realm; and
- EN 15: Sustainable Transportation Options.

FUNDING

Funding for this contract is available in the approved 2015 Transportation Budget.

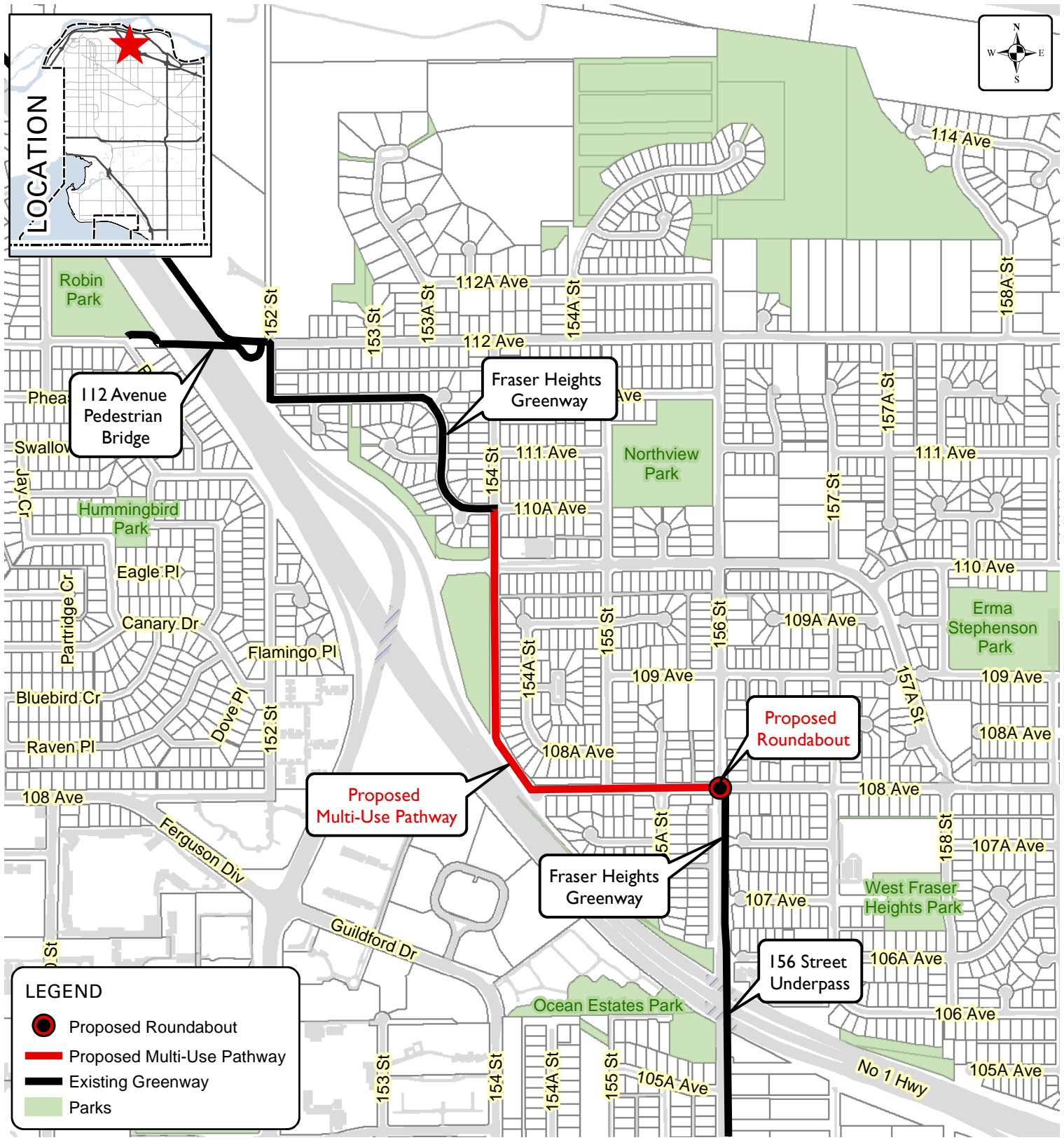
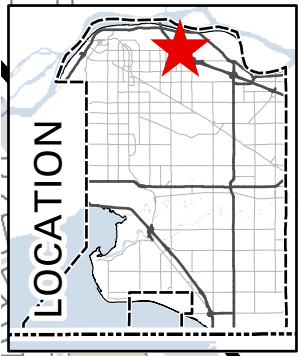
Fraser Smith, P.Eng., MBA
General Manager, Engineering

SBN/TB/clr

Appendix I – Map of Locations – Contract M.S. 1715-007-11

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APPENDIX I

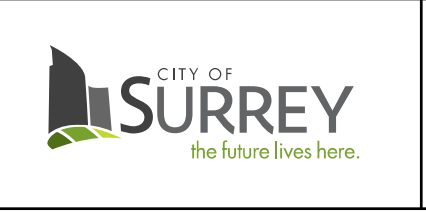


LEGEND

- Proposed Roundabout
- Proposed Multi-Use Pathway
- Existing Greenway
- Parks

Produced by GIS Section: 24-Nov-2015, C9W

Scale: 1:9,500



CONTRACT MS 1715-007-11 Roundabout at 156 Street & Multi-Use Pathway

**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.