

NO: R119 COUNCIL DATE: May 30, 2016

REGULAR COUNCIL

TO: Mayor & Council **DATE: May 24, 2016**
FROM: General Manager, Engineering **FILE: 1716-006/11**
SUBJECT: Award of Contract M.S. 1716-006-11
2016 Traffic Signal and Special Crosswalk Program

RECOMMENDATIONS

The Engineering Department recommends that Council:

1. Award Contract M.S. 1716-006-11 to Crown Contracting Limited in the amount of \$3,894,526.40, including GST, for intersection improvements at various locations throughout the City;
2. Set the expenditure authorization limit for Contract M.S. 1716-006-11 at \$4,284,000.00, including GST and contingency; and
3. Authorize the General Manager, Engineering to execute Contract M.S. 1716-006-11 to a maximum of \$4,284,000.00, including GST and contingency.

SCOPE OF WORK

This contract consists of intersection improvements throughout the City including new traffic signals with traffic cameras and pedestrian signalized crossings which will improve traffic and pedestrian mobility and safety. The project locations are listed in the following table and are also illustrated on the map attached to this report as Appendix "I":

Map Reference Number	Project #	Location	Description
1	3809-4140-00	58 Avenue / 144 Street	Traffic Signal with Camera
2	3815-4050-00	92 Avenue / 152 Street	Traffic Signal with Camera
3	3815-4060-00	20 Avenue / 154 Street	Traffic Signal with Camera
4	3815-4070-00	20 Avenue / 156 Street	Traffic Signal with Camera
5	3815-4080-00	22 Avenue / 152 Street	Traffic Signal with Camera
6	3815-4090-00	Fraser Highway / 18700 Block	Pedestrian Signal
7	3815-4100-00	70A Avenue / 144 Street	Pedestrian Signal
8	3815-4110-00	60 Avenue / 136 Street	Traffic Circle Re-build
9	3815-4120-00	98 Avenue / 156 Street	Overhead Flashers / Crosswalk
10	3815-4130-00	9900 Block / 156 Street	Overhead Flashers / Crosswalk

Map Reference Number	Project #	Location	Description
11	3815-4140-00	20 Avenue / 136 Street	Overhead Flashers / Crosswalk
12	3815-4150-00	6200 Block / 144 Street	Overhead Flashers / Crosswalk
13	3815-4160-00	75A Avenue / 12100 Block	Overhead Flashers / Crosswalk
14	3815-6350-00	92 Avenue / Fleetwood Way	Crosswalk / Curb Bulges
15	3816-4050-00	124 Street / 72A Avenue	Overhead Flashers / Crosswalk
16	3816-4150-00	84 Avenue / Scott Road	Traffic Signal Re-build with Camera
17	1716-8080-00	152 Street / 101 Avenue	Curb Bulge Removal

The contract work is expected to start in July 2016 and be completed by April 2017.

TENDER RESULTS

Tenders for the subject contract were opened on May 11, 2016 with the following results:

Contractor	Tendered Amount with GST	Corrected Amount
1. Crown Contracting Limited	\$3,894,526.40	No Change
2. Lafarge Canada Inc.	\$4,561,208.40	No Change
3. Winvan Paving Ltd.	\$4,714,756.35	No Change

The Engineer's (WEB Engineering Ltd.) pre-tender estimate was \$3.7 million, 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, Crown Contracting Limited, has provided a Consent of Surety for a Performance Bond and a Labour & Materials Bond, and agreed to complete the work within 110 working days, as stipulated in the contract. Their past performance on similar work has been satisfactory and they have no outstanding legal claims against the City. It is recommended that Crown Contracting Limited be awarded Contract M.S. 1716-006-11.

SUSTAINABILITY CONSIDERATIONS

The proposed road improvements will prolong the life of the existing road structure as well as provide smoother and quieter travel for both vehicle and cyclist movement along these roads, supporting the Sustainability Charter's vision of efficiently moving people and goods, not just vehicles. The project will 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. In particular, the project supports the Charter Scope actions related to:

- SC 13: Creating a Fully Accessible City; and
- EN 13: Enhancing the Public Realm.

FUNDING

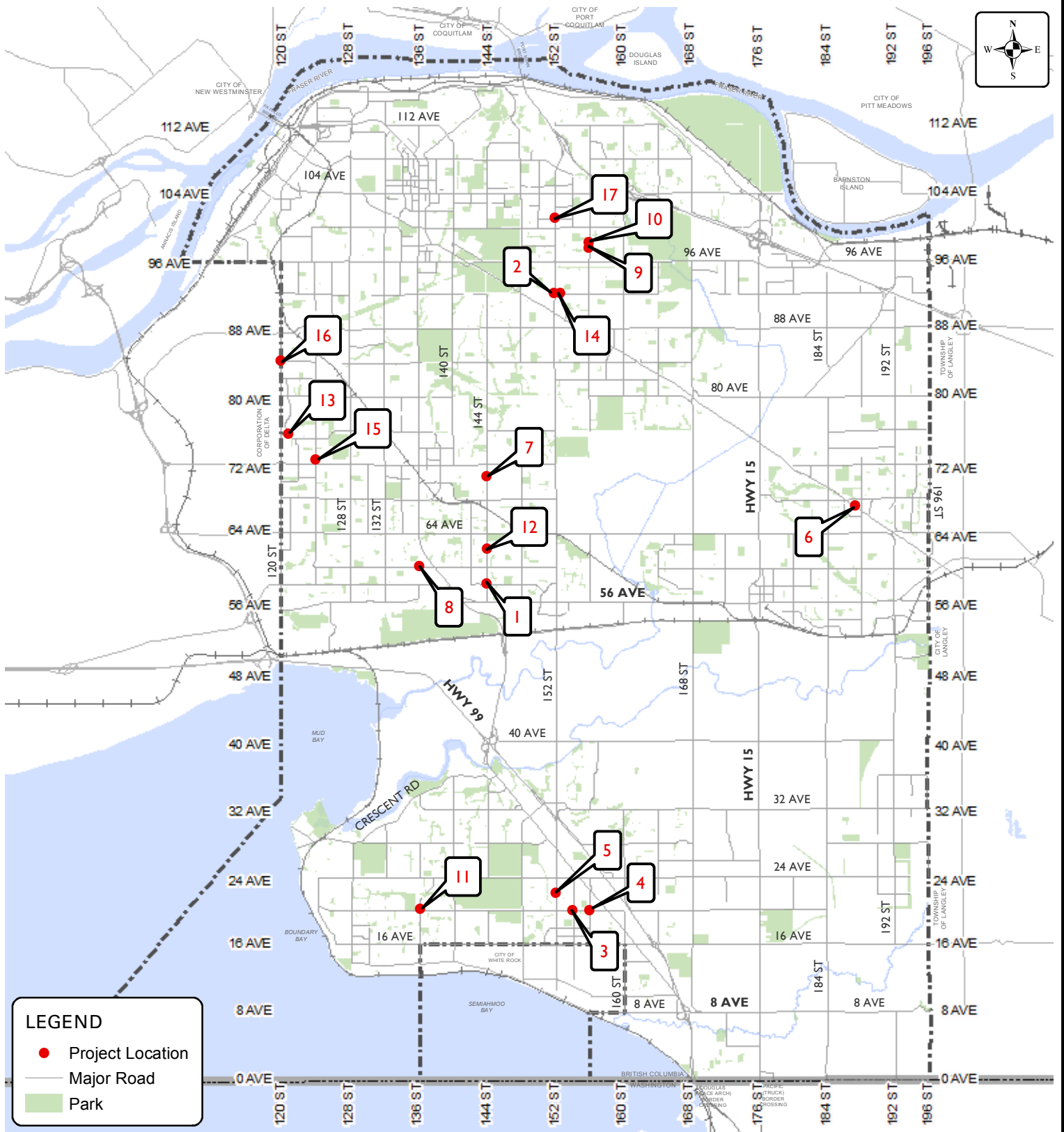
Funding for this contract is available in the approved 2016 Transportation Budget.

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

SBN/PZ/clr

Appendix "I" – Map of Locations – Contract M.S. 1716-006-11

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CONTRACT M.S. 1716-006-11 2016 Traffic Signal and Special Crosswalk Program

ENGINEERING
DEPARTMENT