

NO: **R081**

COUNCIL DATE: **MAY 25, 2015**

REGULAR COUNCIL

TO: **Mayor & Council**

DATE: **May 13, 2015**

FROM: **General Manager, Engineering**

PROJECT FILE: **1705-051/11**

SUBJECT: **Award of Contract M.S. 1705-051-11
160 Street Widening: 96 Avenue to 103 Avenue**

RECOMMENDATIONS

The Engineering Department recommends that Council:

1. Award Contract M.S. 1705-051-11 to BD Hall Constructors Corp. in the amount of \$8,126,777.40, including GST, for road construction at 160 Street from 96 Avenue to 103 Avenue; and
2. Set the expenditure authorization limit for Contract M.S. 1705-051-11 at \$8,940,000.00, including contingency and GST.

SCOPE OF WORK

The construction package related to this contract consists of the widening of 160 Street to four lanes between 96 Avenue and 103 Avenue, including traffic signals at the intersection of 160 Street and 98 Avenue, and 160 Street and 101A Avenue. The project will alleviate traffic congestion and improve public safety. The location of the contract work is illustrated on the map which is attached as Appendix I to this report.

160 Street provides a critical connection to Highway #1 and is one of the main gateways into the Fraser Heights community. Significant traffic volumes have exceeded the threshold capacity of the existing two lane road, necessitating the widening to four lanes as well as introduce a number of safety improvements such as landscaped medians dividing northbound and southbound traffic, enhanced street lightings, a new pedestrian crossing at the North Surrey Secondary School, and new signalized intersections. These design elements are illustrated on the conceptual plans which are attached as Appendix II to this report.

The work is expected to start in June 2015 and be completed by June 2016, dependent upon weather conditions.

TENDER RESULTS

Tenders for the subject contract were opened on April 17, 2015, with the following results:

Contractor	Tendered Amount with GST	Corrected Amount
1. BD Hall Constructors Corp.	\$8,126,766.90	\$8,126,777.40
2. Tybo Contracting Ltd.	\$8,188,000.00	\$8,190,828.54
3. Mainland Civil Site Services Inc.	\$8,323,302.65	No Change
4. Martens Asphalt Ltd.	\$8,344,011.18	No Change
5. B&B Contracting (2012) Ltd.	\$8,486,600.00	No Change
6. Pedre Contractors Ltd.	\$9,104,344.20	No Change
7. Delta Aggregates Ltd.	\$9,262,437.36	\$9,269,159.59
8. B. Cusano Contracting (2007) Inc.	\$10,497,276.93	\$10,525,626.93

The Engineer's pre-tender estimate was \$9,876,000.00 including GST.

EVALUATION

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

The low bidder, BD Hall Constructors Corp., has provided a Consent of Surety for a Performance Bond and a Labour & Materials Bond, and agreed to complete the work within 225 working days, as stipulated in the contract. BD Hall Constructors Corp.'s past performance on similar work has been satisfactory. They have no outstanding legal claims against the City. It is recommended that BD Hall Constructors Corp. be awarded Contract M.S. 1705-051-11.

SUSTAINABILITY CHARTER/CONSIDERATIONS

This contract will assist in achieving the vision of the City's Sustainability Charter, which includes efficiently moving people and goods, not just vehicles. In alignment with the goals of the Sustainability Charter, the project will also 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 following Charter Scope actions:

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

FUNDING

Funding for this Contract is available in the 2015 Budget.

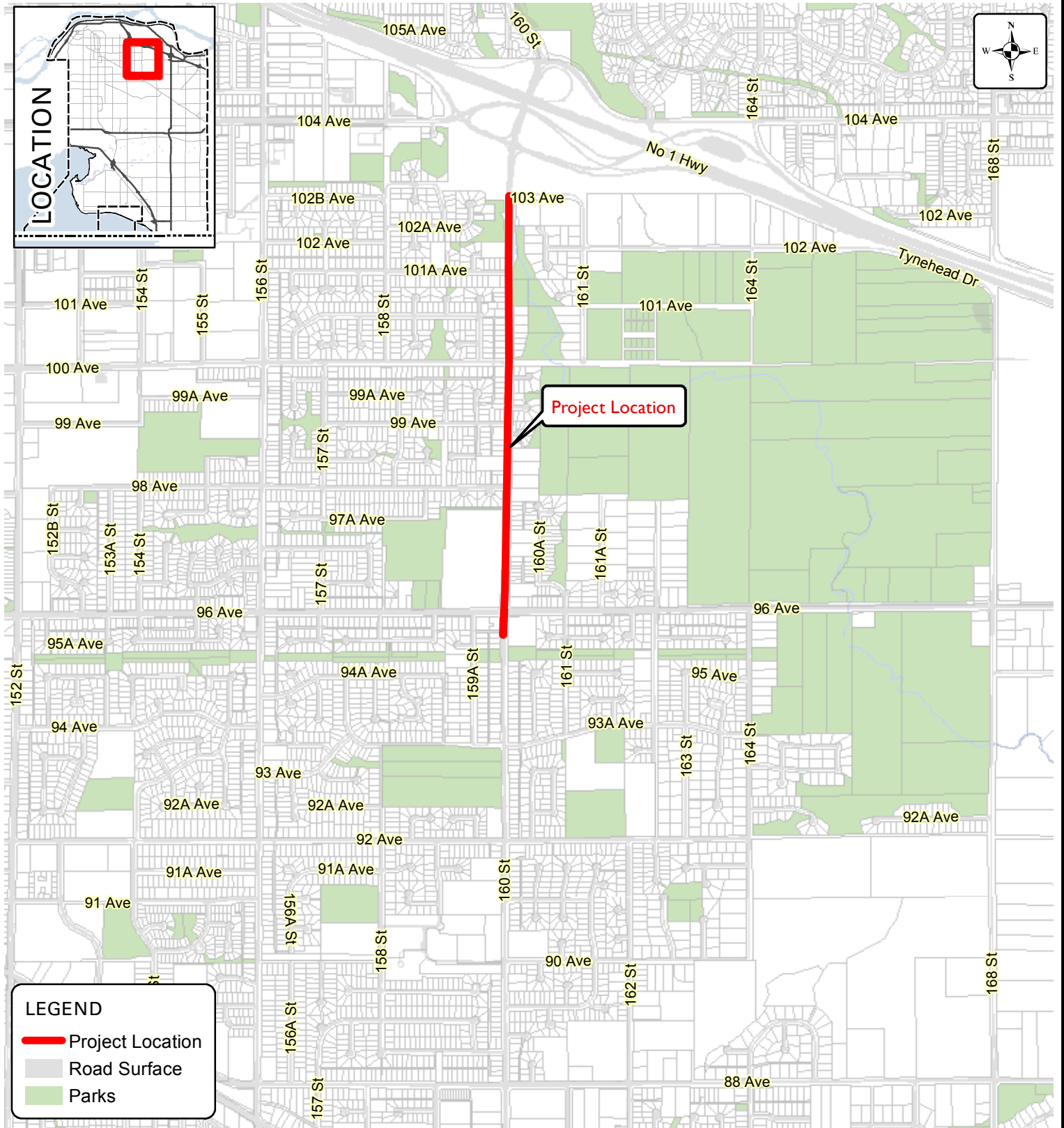
Fraser Smith, P.Eng., MBA
General Manager, Engineering

VJ/clr

Appendix I – Map of Location – Contract M.S. 1705-051-11

Appendix II - Conceptual Plans for widening of 160 Street from 96 Avenue to 103 Avenue

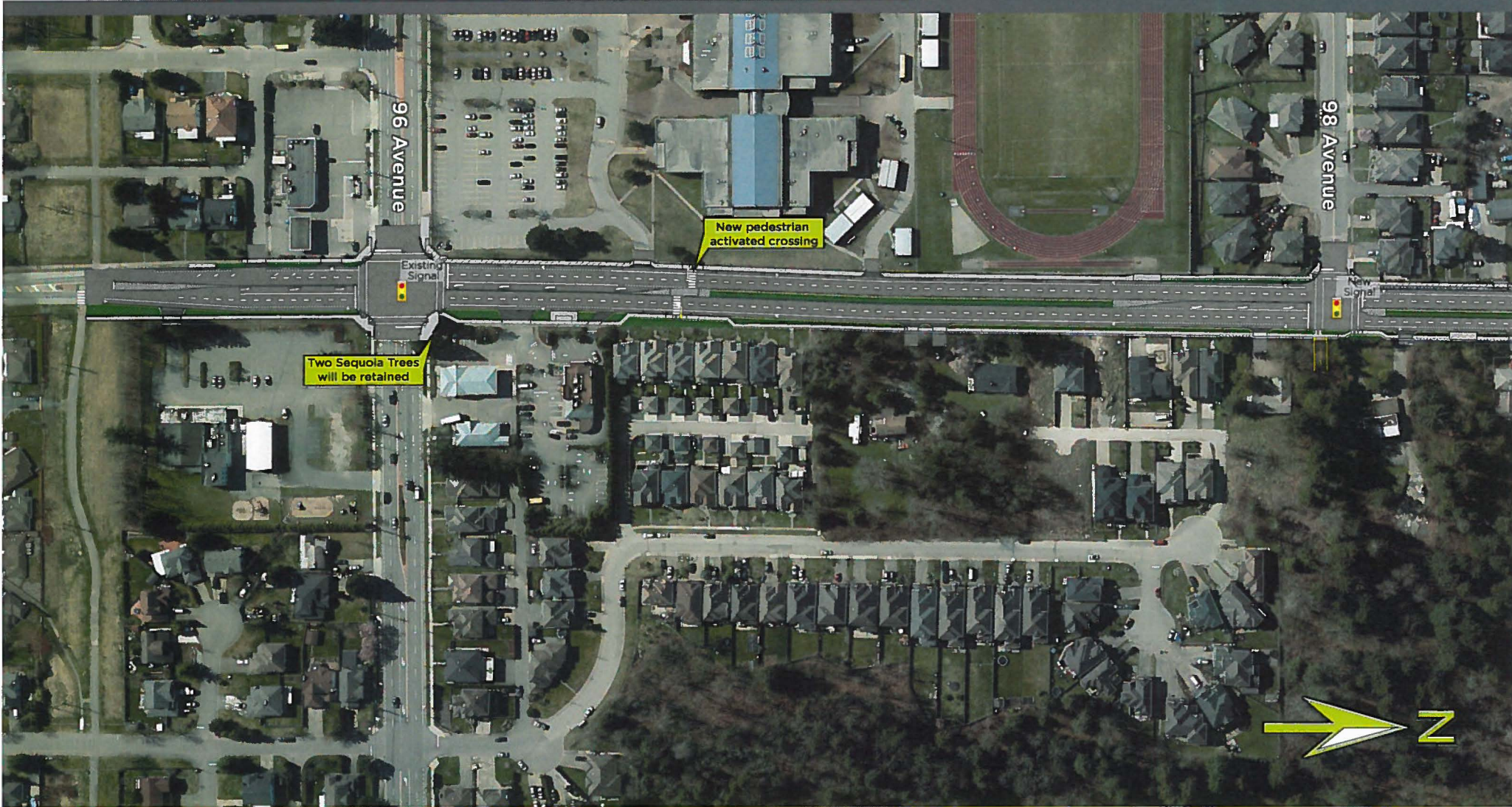
APPENDIX I

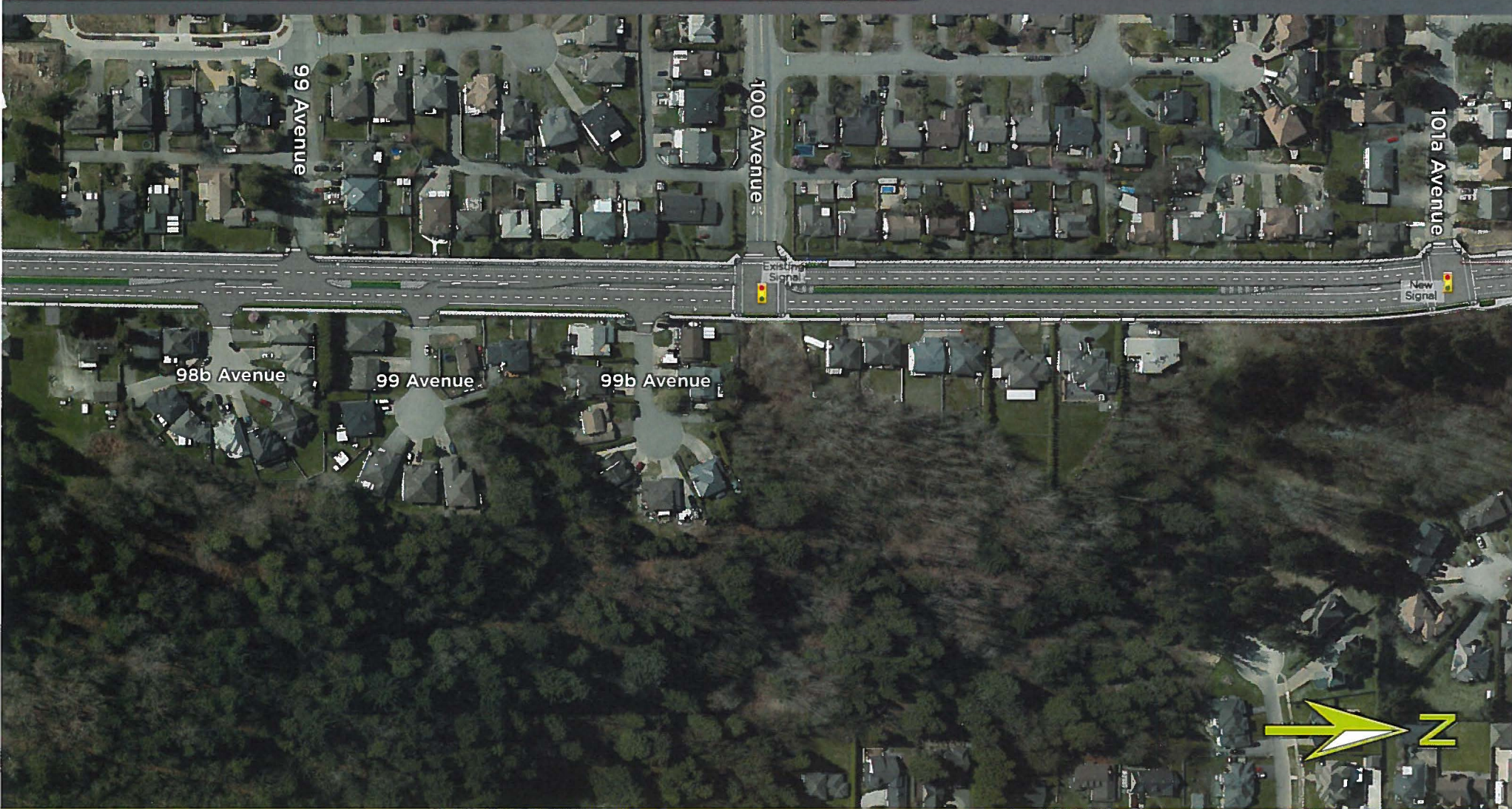


CONTRACT # 1705-051-11
160 Street Road Widening
from 96 Avenue to 103 Avenue

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.



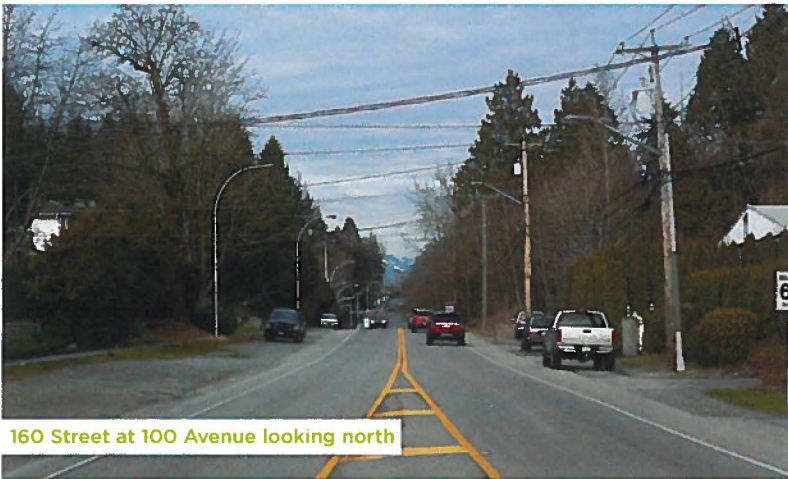




BEFORE CONSTRUCTION



160 Street at 99 Avenue looking north



160 Street at 100 Avenue looking north

AFTER CONSTRUCTION

