

NO: R202      COUNCIL DATE: **DECEMBER 15, 2014**

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## REGULAR COUNCIL

TO: **Mayor & Council**      DATE: **December 9, 2014**

FROM: **General Manager, Engineering**      PROJECT FILE: **1714-014/11**

SUBJECT: **Award of Contract M.S. 1714-014-11**  
**Widening of 72 Avenue between 193 Street and 196 Street (Phase 2)**

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## RECOMMENDATIONS

The Engineering Department recommends that Council:

1. Award Contract M.S. 1714-014-11 to Mainland Civil Works Inc. in the amount of \$2,755,200.00, including GST, for road construction at 72 Avenue between 193 Street and 196 Street; and
2. Set expenditure authorization limit for Contract M.S. 1714-014-11 at \$3,030,000.00, including GST and Contingency.

## SCOPE OF WORK

The work associated with the subject Contract is for the widening of 72 Avenue to four lanes between 193 Street and 196 Street, including traffic signals at the intersection of 72 Avenue and 194A Street, and 72 Avenue and 196 Street. 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. The Contract is Phase 2 of a three-phased program that will result in 72 Avenue being widened to an arterial standard from 188 Street to 196 Street.

With the growth of the Clayton area, the widening of 72 Avenue is required to accommodate both current and future traffic volumes as well as introduce a number of safety improvements such as landscaped medians dividing eastbound and westbound traffic, enhanced street lighting, a new pedestrian crossing at 195 Street, 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 late January, 2015 and be completed by end of August, 2015 dependent upon weather conditions. Construction of the new traffic signal at 72 Avenue and 196 Street is scheduled to be activated by March 31, 2015 as an early delivery component of the project.

## TENDER RESULTS

Tenders for the subject contract were opened on December 4, 2014, with the following results:

<i>Contractor</i>	<i>Tendered Amount with GST</i>	<i>Corrected Amount</i>
1. Mainland Civil Works Inc.	\$2,755,200.00	No Change
2. B&B Contracting (2012) Ltd.	\$3,086,600.00	No Change
3. Jacob Bros. Construction Inc.	\$3,100,650.00	\$3,101,122.50
4. GCL Contracting & Engineering Inc.	\$3,178,407.75	No Change
5. Tybo Contracting Ltd.	\$3,237,632.13	No Change
6. Richco Contracting Ltd.	\$3,351,226.20	No Change
7. Gemco Construction Ltd.	\$3,357,121.95	No Change
8. TAG Construction Ltd.	\$3,391,601.85	No Change
9. Lafarge Canada Inc. c.o.b. Columbia Bitulithic	\$3,441,585.00	No Change
10. Matcon Civil Constructors Inc.	\$3,609,512.55	No Change
11. Imperial Paving Limited	\$3,613,514.85	No Change
12. Key-West Asphalt Ltd.	\$3,803,219.70	\$3,804,322.20
13. Jack Cewe Ltd.	\$3,840,480.00	No Change
14. Triahn Enterprises Ltd.	\$3,842,422.50	No Change

The Engineer's pre-tender estimate was \$3,550,000.00 including GST.

## EVALUATION

The City's Consultant reviewed the tenders for accuracy and completeness. Two 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, Mainland Civil Works Inc., has provided a Consent of Surety for a Performance Bond and a Labour & Materials Bond, and agreed to complete the work within 120 working days, as stipulated in the contract. Their past performance on similar work has been satisfactory. They have no outstanding legal claims against the City. It is recommended that Mainland Civil Works Inc., be awarded Contract M.S. 1714-014-11.

## SUSTAINABILITY 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
- EN 13: Enhancing the Public Realm

## FUNDING

Funding for this Contract is available through the approved 2014 Transportation Budget. The intersection at 72 Avenue and 196 Street is located on the boundary between the City and the Township of Langley and, as such, 50% of the cost for the intersection upgrades at this location is funded from the Township of Langley.

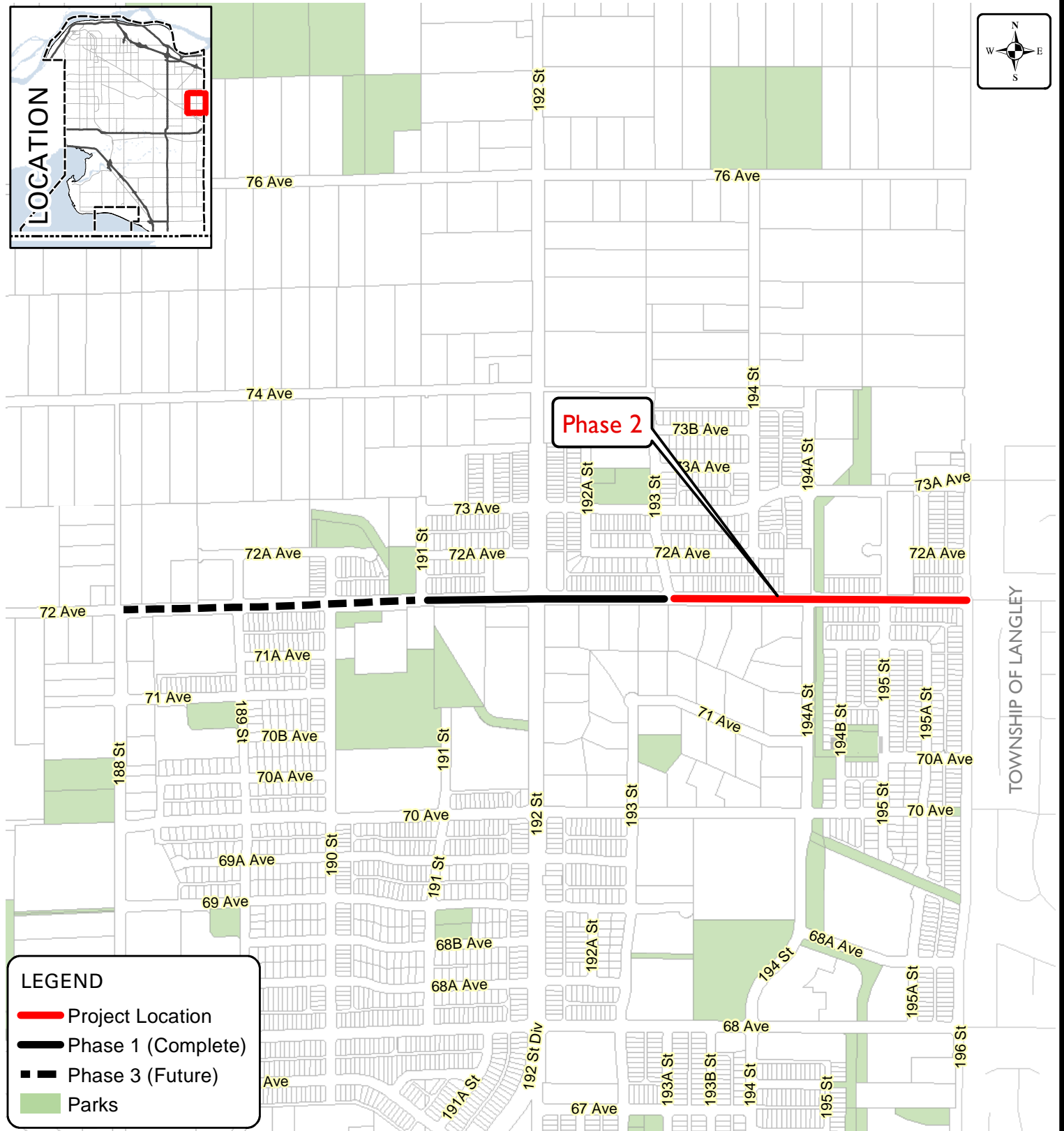
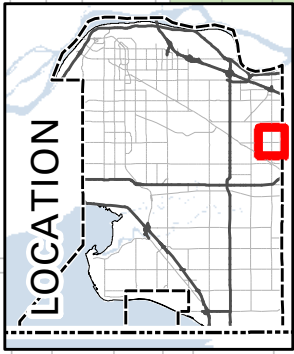
Fraser Smith, P.Eng., MBA  
General Manager, Engineering

SBN/VJ/clr

Appendix I – Map of Location – Contract M.S. 1714-014-11

Appendix II - Conceptual Plans for widening of 72 Avenue from 193 Street to 196 Street

# APPENDIX I



**LEGEND**

- Project Location
- Phase 1 (Complete)
- Phase 3 (Future)
- Parks

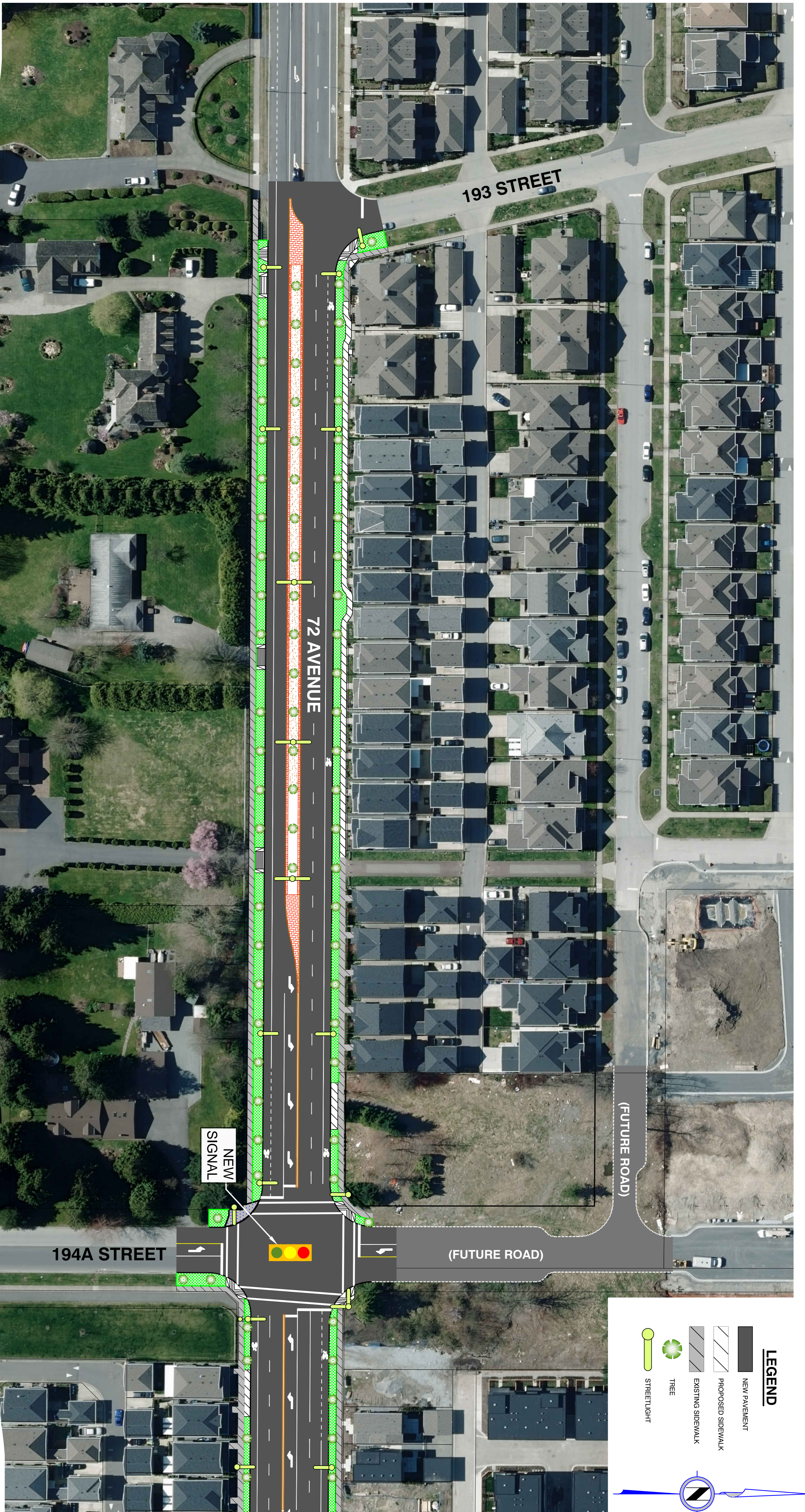
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**CONTRACT M.S. 1714-014-11**  
**72 Avenue Road Widening**  
**From 193 St to 196 St (Phase 2)**

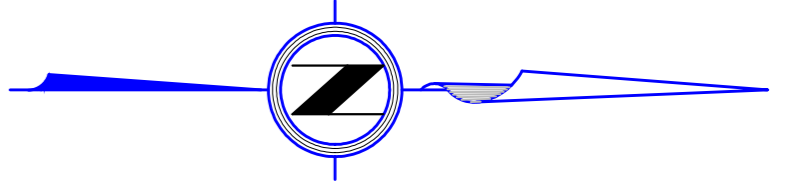
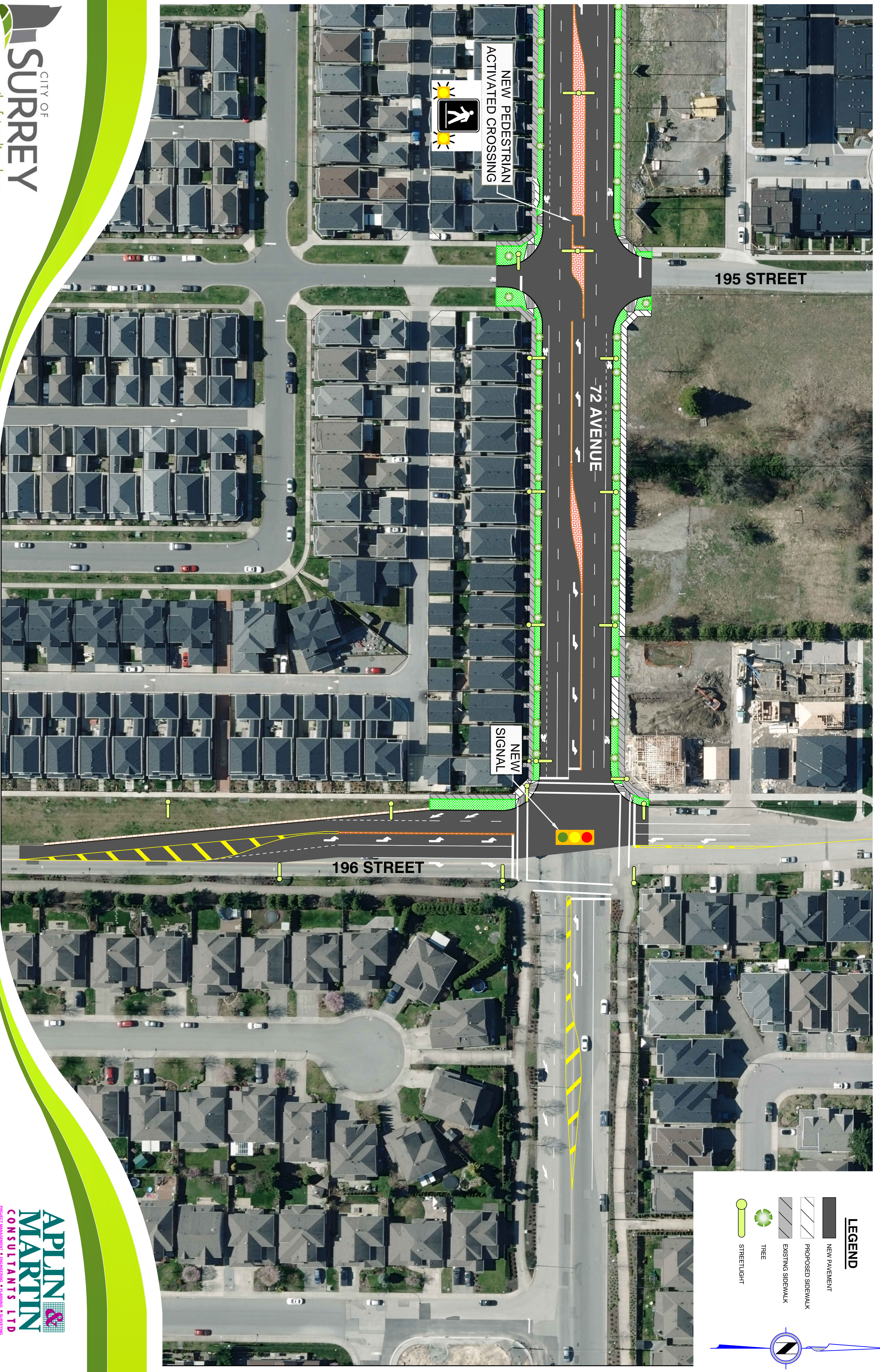
**ENGINEERING**  
**DEPARTMENT**

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.



**LEGEND**

-  NEW PAVEMENT
-  PROPOSED SIDEWALK
-  EXISTING SIDEWALK
-  TREE
-  STREETLIGHT

# ULTIMATE VIEW OF 72 AVENUE



CURRENT CONDITIONS

LOCATION: 193 STREET LOOKING EASTWARD



AFTER CONSTRUCTION