

NO: R022

COUNCIL DATE: February 12, 2024

REGULAR COUNCIL

TO: **Mayor & Council**

DATE: **February 7, 2024**

FROM: **General Manager, Engineering**

FILE: **1718-040/11**

SUBJECT: **Award of Contract No. 1718-040-11
148 Street Road Improvements between 58 Avenue and 64 Avenue**

RECOMMENDATIONS

The Engineering Department recommends that Council:

1. Award Contract No. 1718-040-11 to Lafarge Canada Inc. in the amount of \$7,528,710.00 (including GST) for making 148 Street road improvements between 58 Avenue and 64 Avenue;
2. Set the expenditure authorization limit for Contract No. 1718-040-11 at \$8,280,000.00 (including contingencies and GST); and
3. Authorize the General Manager, Engineering to execute Contract No. 1718-040-11.

INTENT

The intent of this report is to seek Council's approval to award a contract for the 148 Street road improvements between 58 Avenue and 64 Avenue.

DISCUSSION

Scope of Work

In May 15, 2023, Council endorsed, through Corporate Report No. R071; 2023 attached to this report as Appendix "I", the strategic transportation short-term projects which identified and prioritized developing specific roads to support the City's growth. One of the key corridors identified includes 148 Street between 58 Avenue and 64 Avenue.

The construction package related to this contract consists of improvements along 148 Street from 58 Avenue and 64 Avenue, consisting of one travel lane in each direction, on street parking, and cycling and pedestrian facilities. In addition, the project will improve access and circulation in the neighbourhood through the introduction of a new signalized intersection at 60 Avenue. The project locations are listed in the following table, and are also illustrated on the map attached to this report as Appendix "II":

Map Reference Number	Project #	Project Description	Location
1	R-10057 & R-12964	148 Street Road Improvements	148 Street: 58 Avenue and 64 Avenue
2	R-15581	New Traffic Signal	148 Street and 60 Avenue
3	W-17962	45m of 300mm diameter watermain	148 Street: 60 Avenue to 6025
4	R-19140	64 Avenue Paving	64 Avenue from 148 Street to 14901

The contract permits construction from 7:00 a.m. to 10:00 p.m., Monday through Friday, in compliance with the *Surrey Noise Control Bylaw, 1982, No. 7044*.

Invitation to Tender Results

An Invitation to Tender followed the City's Purchasing Bylaw and was publicly posted on the BC Bid and City of Surrey websites. Tenders for the subject contract were opened on February 1, 2024 with the following results:

<i>Contractor</i>	<i>Tendered Amount with GST</i>	<i>Corrected Amount</i>
1. Lafarge Canada Inc.	\$7,528,710.00	No Change
2. Jack Cewe Construction Ltd.	\$8,217,990.90	No Change
3. B&B Heavy Civil Construction Ltd.	\$8,436,600.00	No Change
4. Arsalan Construction Ltd.	\$8,530,000.08	No Change
5. B.A. Blacktop Infrastructure Inc..	\$8,554,447.97	No Change
6. Richco Contracting Ltd.	\$8,865,588.90	No Change
7. Regehr Contracting Ltd.	\$8,566,906.16	No Change

The Engineer's (Aplin & Martin Consultants Ltd.) pre-tender estimate was \$7.9M (including GST).

Evaluation

The submissions were reviewed for accuracy and completeness. No errors were found. All submissions included the required 10% bid bond, and were signed on the Tender Form.

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 180 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 No. 1718-040-11.

Project Schedule

The contract work is expected to start March 2024, and be completed by fall, 2024, and will be completed in advance of the new Snokomish Elementary School opening planned for the Spring, 2025.

FUNDING

Funding for this contract is available in the approved 2024 Transportation and Utilities Budget.

Scott Neuman, P.Eng.
General Manager, Engineering

VJ/bn

Appendix "I" – Corporate Report No. R071; 2023

Appendix "II" – Map of Locations – Contract No. 1718-040-11

[https://surreybc.sharepoint.com/sites/eng.administration/gm administration/corporate reports/2024/feb 12/award of contract 1718-040 148 st improvements/award of contract 1718-040 148 st improvements \(02072024\) final.docx](https://surreybc.sharepoint.com/sites/eng.administration/gm%20administration/corporate%20reports/2024/feb%2012/award%20of%20contract%201718-040%20148%20st%20improvements/award%20of%20contract%201718-040%20148%20st%20improvements%20(02072024)%20final.docx)



CORPORATE REPORT

NO: R071

COUNCIL DATE: May 15, 2023

REGULAR COUNCIL

TO: Mayor & Council

DATE: May 11, 2023

FROM: General Manager, Engineering

FILE: 5260-07

SUBJECT: Short-Term Transportation Priorities

RECOMMENDATION

The Engineering Department recommends that Council:

1. Receive this report as information;
2. Endorse the proposed strategic Transportation short-term projects, as presented in this report;
3. Endorse staff to develop a strategy for advocating for increased transit service in Surrey; and
4. Direct staff to assess the feasibility, costs, benefits, and impacts of extending 72 Avenue between 152 Street and Highway 15.

INTENT

The intent of this report is to obtain Council endorsement of the short-term transportation priorities to support the City's growth, including direction on proceeding with a feasibility study of extending 72 Avenue east of 152 Street.

BACKGROUND

The Engineering Department's 10-Year Servicing Plan (2023-2032) was approved by Council at the Regular Council Meeting on March 6, 2023 through Corporate Report No. R031; 2023. The plan identifies the infrastructure investments required to support the City's anticipated population growth over the next ten years. At the March 6, 2023 Council Meeting, questions were raised by Council as to the ability to prioritize particular transportation projects in the short-term and the feasibility of extending 72 Avenue east of 152 Street. This report highlights the City's strategic transportation priorities and capital programming over the next few years.

DISCUSSION

Transportation's short-term capital program focuses on delivering \$300 million in transportation investments over the next four years, primarily funded through Development Cost Charges and the recently approved increase in Road and Traffic Levy. City funds are complemented by

financial support from TransLink for major road, bike and transit networks, and the Ministry of Transportation and Infrastructure for Highway 99 interchange improvements.

The following summarizes the recommended direction for key areas of investment:

1. Developing the arterial network to improve traffic movement, safety and integrated cycling-walking facilities where possible. The priority arterials are 20 Avenue, 32 Avenue, 72 Avenue, 80 Avenue, 132 Street, and 152 Street, as outlined in Appendix "I";
2. Prioritizing protected cycling around SkyTrain stations and connecting City Centre to Guildford and Fleetwood, as outlined in Appendix "II";
3. Working with TransLink and the Province to implement improved transit services essential for sustaining Surrey's continuous growth, focusing on the Surrey-Langley SkyTrain Project, Bus Rapid Transit to Newton, and RapidBus on Scott Road, as outlined in Appendix "III"; and
4. Advocating for strategic regional connections to Highway 99 in South Surrey, as outlined in Appendix "IV", to support population growth and manage congestion.

72 Avenue between 152 Street and Highway 15 (176 Street)

Over the past year, staff have received inquiries from both the public and Council regarding the need for additional east-west connectivity across the City, particularly the feasibility of connecting 72 Avenue. Two segments of 72 Avenue, 144 Street to 152 Street and Fraser Highway to 188 Street, are planned to be widened as part of the approved 10-Year Servicing Plan.

The central segment, between 152 Street and Highway 15, is not within the City's 10-Year Servicing Plan. Along this 5 km segment, a 20m wide unopen road allowance exists through the Agricultural Land Reserve; however, a road through this area would require lengthy preloading, raising above the floodplain, and a bridge across Serpentine River. The estimated cost for this road segment is \$75 to \$95 million.

If Council desires, staff could commence a feasibility study of the costs, benefits, impacts, permit requirements, and project timeline for extending 72 Avenue east of 152 Street. This study would be completed by Q1 2024 and presented to Council.

CONCLUSION

Council's approval of the proposed transportation short-term capital priorities will benefit residents and support growth across the City.



Scott Neuman, P.Eng.
General Manager, Engineering

RV/KS/AM/PK/BH/cc

Appendices available upon request.

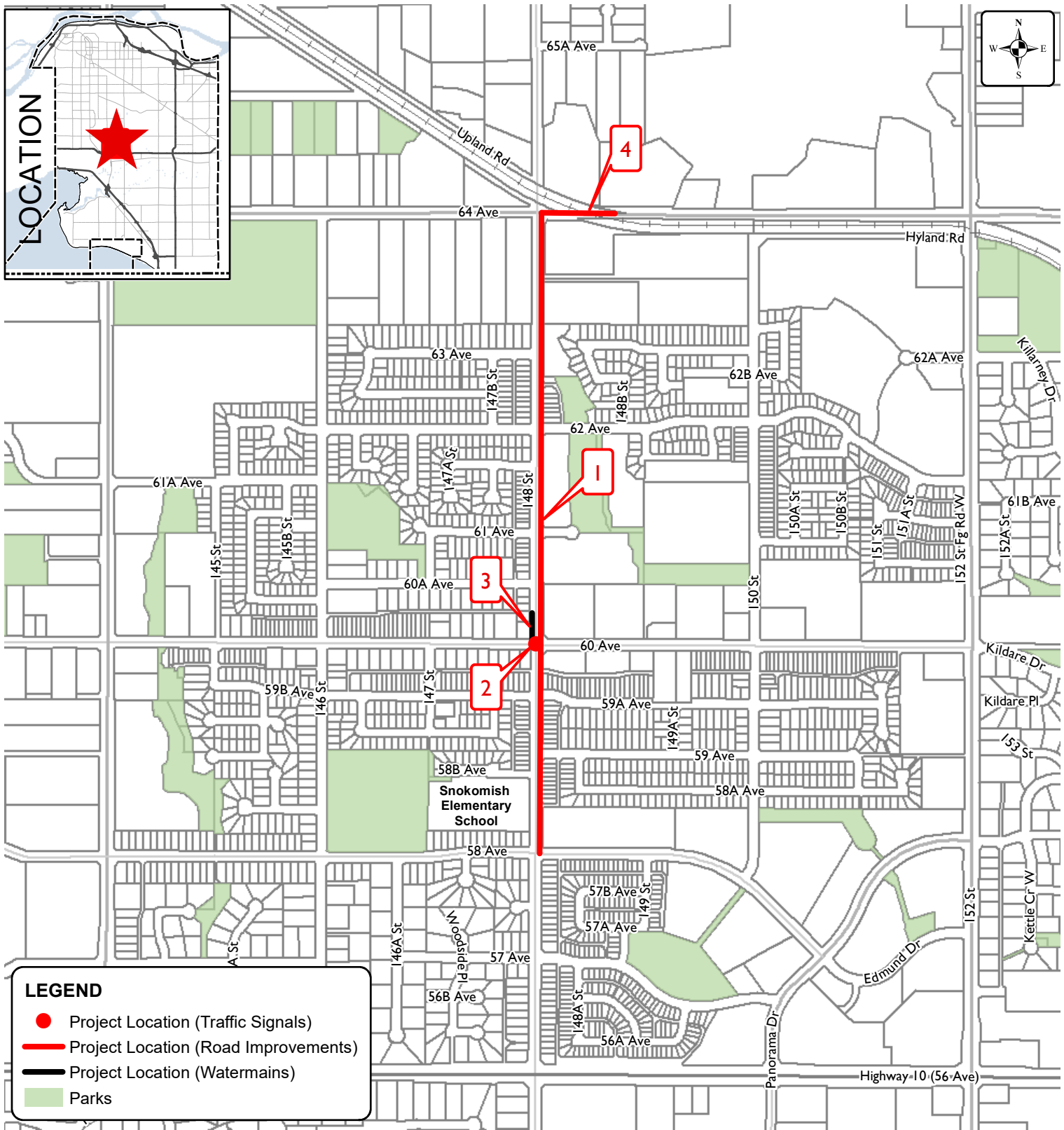
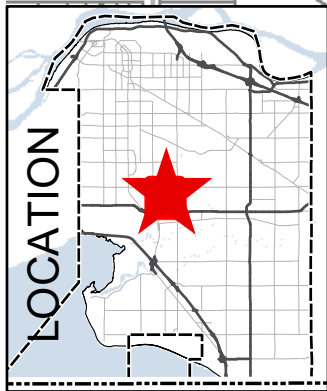
Appendix "I" – Major Arterial Improvements

Appendix "II" – Cycling Connections

Appendix "III" – Rapid Transit

Appendix "IV" – Regional Projects

APPENDIX "II"



LEGEND

- Project Location (Traffic Signals)
- Project Location (Road Improvements)
- Project Location (Watermains)
- Parks

Produced by GIS Section: 29-Jan-2024

Scale: 1:10,000 0 100 M



Contract No. 1718-040-11
148 Street Road Widening

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.