

NO: R082

COUNCIL DATE: May 6, 2024

REGULAR COUNCIL

TO: **Mayor & Council** DATE: **April 30, 2024**

FROM: **General Manager, Engineering** FILE: **1718-013/11**

SUBJECT: **Award of Contract No. 1718-013-11**
80 Avenue Improvements from 132 Street to King George Boulevard

RECOMMENDATIONS

The Engineering Department recommends that Council:

1. Award Contract No.1718-013-11 to United Earth Contractors Corp. in the amount of \$10,554,766.68 (including GST) for 80 Avenue Improvements from 132 Street to King George Boulevard;
2. Set the expenditure authorization limit for Contract No. 1718-013-11 at\$11,600,000.00 (including contingencies and GST); and
3. Authorize the General Manager, Engineering to execute Contract No. 1718-013-11.

INTENT

The intent of this report is to seek Council's approval to award a construction contract for the 80 Avenue Improvements from 132 Street to King George Boulevard.

BACKGROUND

On 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 transportation projects to support the City's growth. One of the key major goods movement corridors identified includes the 80 Avenue Improvements from 132 Street to King George Boulevard.

DISCUSSION

Scope of Work

This contract represents the final phase of a multi-phased program for congestion relief and goods movement in Newton and providing multimodal infrastructure on 80 Avenue from 120 Street to King George Boulevard.

The construction package related to this contract consists of the widening of 80 Avenue from 132 Street to King George Boulevard from two lanes to four lanes, including pedestrian and cycling infrastructure, to support growth and increased traffic volumes along this major road network

("MRN") truck route. 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-7439	Arterial Widening	80 Ave: 132 Street to King George Blvd.
2	R-15555	New Traffic Signal	134 Street and 80 Avenue
3	R-19328	Intersection Improvement	King George Blvd. and 80 Avenue
4	D-17472	440m of 750mm diameter storm sewer	80 Avenue from 134 Street to King George Blvd.

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 April 4, 2024, with the following results:

Contractor	Tendered Amount with GST	Corrected Amount
1. United Earth Contractors Corp.	\$10,554,766.68	No Change
2. B&B Heavy Civil Construction Ltd.	\$11,576,600.00	No Change
3. Jack Cewe Construction Ltd.	\$12,568,563.00	No Change
4. Lafarge Canada Inc.	\$12,817,264.95	No Change
5. B.A. Blacktop Infrastructure Inc.	\$14,296,859.20	No Change

The Engineer's (Aplin & Martin Consultants Ltd.) pre-tender estimate was \$13.8 million (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, United Earth Contractors Corp., has provided a Consent of Surety for a Performance Bond and a Labour & Materials Bond, and agreed to complete the work within 160 working days, as stipulated in the contract. United Earth Contractors Corp. has limited experience undertaking municipal roadworks; however, their past performance on related projects such as local road work and utility and earthwork projects for private land development projects has been satisfactory, as confirmed by reference checks. Furthermore, United Earth Contractors Corp. will utilize sub-contractors who have experience undertaking roadworks for key elements of the project. It is recommended that United Earth Contractors Corp. be awarded Contract No. 1718-013-11.

Project Schedule

The contract work is expected to start in May, 2024, and be completed by December, 2025, dependent on weather.

FUNDING

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

Scott Neuman, P.Eng.
General Manager, Engineering

Appendix "I" – Corporate Report No. R071; 2023
Appendix "II" - Map of Locations – Contract No. 1718-013-11

/VJ/bn

[https://surreybc.sharepoint.com/sites/eng_administration/gm_administration/corporate_reports/2024/may_6/award_of_contract_no._1718-013-11_80_avenue_widening/award_of_contract_1718-013-11_-_80_ave_widening_\(05012024\)_final.docx](https://surreybc.sharepoint.com/sites/eng_administration/gm_administration/corporate_reports/2024/may_6/award_of_contract_no._1718-013-11_80_avenue_widening/award_of_contract_1718-013-11_-_80_ave_widening_(05012024)_final.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

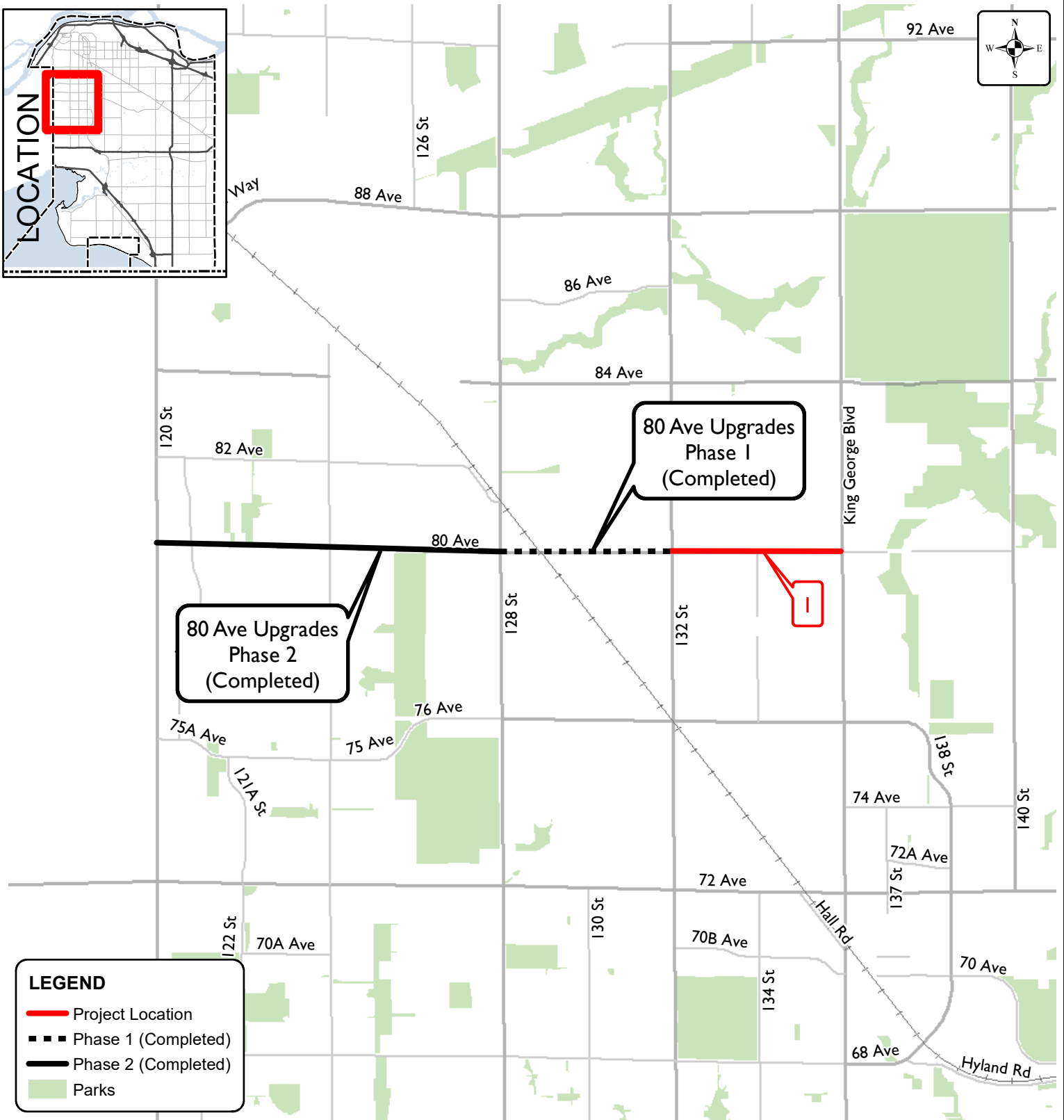
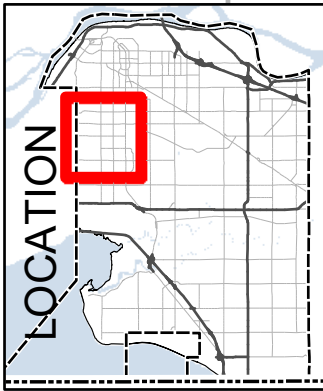
Appendices available upon request.

Appendix "I" – Major Arterial Improvements

Appendix "II" – Cycling Connections

Appendix "III" – Rapid Transit

Appendix "IV" – Regional Projects



80 Ave Upgrades Phase 2 (Completed)

80 Ave Upgrades Phase 1 (Completed)



LEGEND

- Project Location
- Phase 1 (Completed)
- Phase 2 (Completed)
- Parks

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Scale: 1:25,000 0 200 M



**Contract No. 1718-013-11
80 Avenue Improvements:
132 Street to King George Boulevard**

**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.