

NO: R035

COUNCIL DATE: March 6, 2023

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**REGULAR COUNCIL**

TO: **Mayor & Council**

DATE: **March 2, 2023**

FROM: **General Manager, Engineering**

FILE: **6020-005/11**

SUBJECT: **Award of Contracts No. 6020-005-11, 6020-005 C1 Related to the 152 Street Road Widening Project**

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**RECOMMENDATIONS**

The Engineering Department recommends that Council:

1. Award Contract No. 6020-005-11 to B & B Heavy Civil Construction Ltd. in the amount of \$44,418,600.98 (including GST), for the 152 Street Road Widening Project and set the expenditure authorization limit at \$49,000,000.00 (including contingencies and GST);
2. Award Consultant Construction Agreement No. 6020-005 C1 to McElhanney Ltd. at an estimated fee limit of \$594,278.00 (including GST) for the related construction services and set the expenditure authorization limit at \$653,700.00 (including contingencies and GST);
3. Approve the expenditure of \$850,000 (including GST and contingency), payable to BC Hydro for the relocation and modification of BC Hydro infrastructure necessary for the project; and
4. Authorize the General Manager, Engineering to execute Contract No. 6020-005-11 and 6020-005 C1, and BC Hydro Purchase Order.

**INTENT**

The intent of this corporate report is to seek Council's approval to award agreements for the 152 Street Road Widening and Nicomekl River Bridge Twinning Project ("Project") as illustrated on the map attached to this report as Appendix "I", and to obtain approval for the payment for the relocation and modification of BC Hydro infrastructure.

**DISCUSSION**

**Scope of Work**

Construction of the 152 Street Road Widening and Nicomekl River Bridge Project is being completed as part of the Disaster Mitigation and Adaptation Fund ("DMAF") program involving the implementation of a comprehensive flood protection strategy that will seek to reduce Surrey's vulnerability to coastal flooding and sea level rise. The construction of this project involves road raising and widening of 152 Street from the Nicomekl River to the Serpentine River and twinning of the Nicomekl River Bridge which will increase flood protection and will result in a four-lane road and bridge crossing with cycling and pedestrian pathways, as illustrated in "Appendix II" .

The engineering construction services consists of contract administration and field inspection services including civil work inspection by McElhanney Ltd.

The construction of the 152 Street Road Widening and twinning of the Nicomekl River Bridge crossing will require an estimated relocation of 25 BC Hydro distribution poles, and potential modifications to two BC Hydro transmission poles.

### Invitation to Tender Results

Tenders for the subject contract were opened on February 9, 2023 with the following results:

<i>Contractor</i>	<i>Adjusted Tendered Amount*</i>	<i>Corrected Amount</i>
1. B & B Heavy Civil Construction Ltd.	\$ 44,418,600.98	No Change
2. Jacob Bros. Construction Inc.	\$ 49,692,090.00	\$ 49,686,073.50
3. Lafarge Canada Inc.	\$ 50,173,322.85	No Change
4. Tybo Contracting Ltd.	\$ 51,339,435.00	No Change
5. Flatiron Constructors Canada Limited	\$ 56,223,246.08	No Change
6. BD Hall Constructors Corp.	\$ 59,291,325.92	No Change
7. Jack Cewe Construction Ltd.	\$ 63,178,510.50	No Change

\*Adjusted bid values removing scope of work no longer necessary.

The Consulting Engineer's pre-tender estimate was \$41,600,000 (including GST).

### Evaluation

The submissions were reviewed for accuracy and completeness. There was one arithmetic error that had no bearing on the outcome of the tender process. All submissions included the required 10% bid bond and were signed on the Tender Form.

The low bidder, B & B Heavy Civil Construction Ltd., has provided a Consent of Surety for a Performance Bond and a Labour & Materials Bond, and agreed to complete the work within 560 working days, as stipulated in the contract. B & B Heavy Civil Construction Ltd.'s past performance on similar work has been satisfactory. They have no outstanding legal claims against the City. It is recommended that B & B Heavy Civil Construction Ltd. be awarded this contract.

### Project Schedule

The contract work is expected to commence in March, 2023 and be completed by summer 2025. To facilitate construction and expedite the work, short duration road closures may be necessary during low traffic summer months to allow for the placement of preload material.

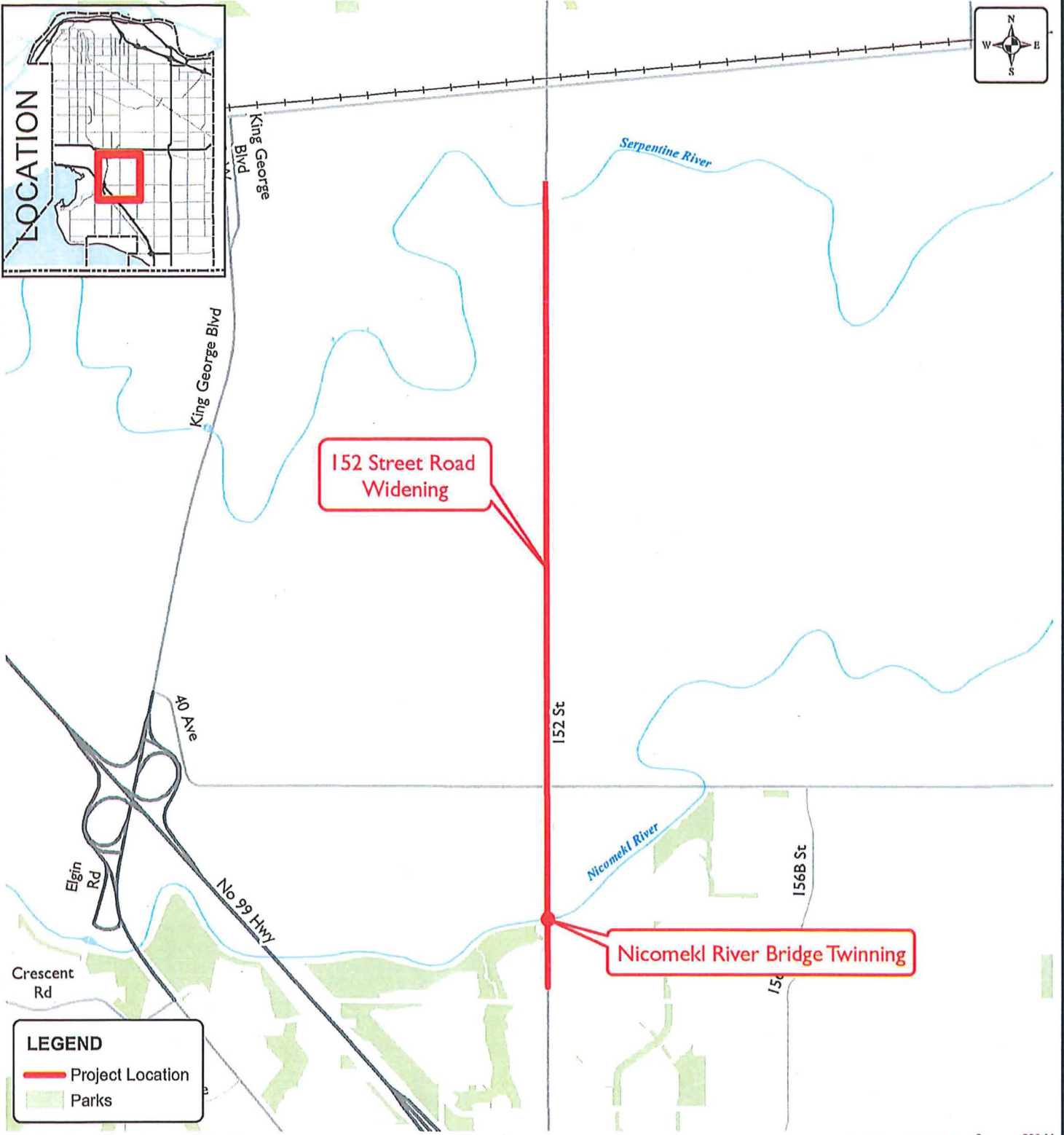
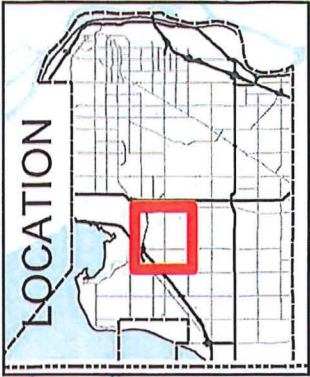
### FUNDING

Funding for this contract is available in the proposed 2023 Transportation Budget, with \$21.8M in funding from TransLink and the DMAF program.

Scott Neuman, P.Eng.  
General Manager, Engineering

/VJ/bn

Appendix "I" – Map of Locations – Contract No. 6020-005-11  
Appendix "II" – Rendering of Project



152 Street Road Widening

Nicomekl River Bridge Twinning

**LEGEND**

- Project Location
- Parks

Produced by GIS Section: 13-Feb-2023

Scale: 1:25,000 0 200 M



# 152 Street Road Widening and Nicomekl River Bridge Twinning (DMAF)

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.



# APPENDIX "II"

