

NO: R156

COUNCIL DATE: July 12, 2010

REGULAR COUNCIL

TO: **Mayor & Council** DATE: **July 7, 2010**

FROM: **General Manager, Engineering** PROJECT FILE: **1705-001-61**

SUBJECT: **Award of Contract M.S. 1705-001-61**
Construction of the North Bridge of the Fraser Highway Crossing of the
Serpentine River

RECOMMENDATIONS

The Engineering Department recommends that Council:

1. Award Contract M.S. 1705-001-61 for construction of the North Bridge at the Fraser Highway Crossing of the Serpentine River to H.R.C. Construction Inc. in the amount of \$1,004,080.00 including HST; and
2. Set the expenditure authorization limit for Contract M.S. 1705-001-61 at \$1,104,500 including HST.

SCOPE OF WORK

This contract includes construction of the North bridge of the Fraser Highway crossing of the Serpentine River.

The section of the Fraser Highway between 168 Street and 180 Street is being widened to four lanes. A new four-lane bridge is being constructed across the Serpentine River. The Serpentine River crosses the Fraser Highway to the west of 176 Street. The bridge replacement project has been divided into two contracts with the south 2-lane bridge and the north 2-lane bridge being tendered separately. The staged construction of the bridge offered the best means to manage traffic while the new bridges were being constructed. The contract for the south bridge project was tendered in 2009 and completed successfully at a cost of \$1.5 million. The contract that is the subject of this report involves the construction of the north bridge as generally illustrated on the map attached as Appendix I.

The contract work is expected to start in August and be completed by the end of November 2010.

TENDER RESULTS

Tenders for the subject contract were opened on June 22, 2010, with the following results:

<i>Contractor</i>	<i>Tendered Amount (incl. GST/HST)</i>	<i>Corrected Amount (incl. HST)</i>
1. H.R.C. Construction Inc.	\$1,004,008.00	\$1,004,008.00
2. Coquitlam Ridge Constructors Ltd.	\$994,588.35	\$1,060,894.24

The Engineer's pre-tender estimate was \$1,482,000 including HST.

EVALUATION

The City's consultant reviewed the tender submissions for accuracy and completeness. The tender package indicated that GST was to be calculated on the tendered amount. Given that the project timeline called for construction to start after July 1, the GST reference was incorrect and should have been a reference to HST. H.R.C. Construction Inc. had replaced the GST reference and calculated HST on their tendered amount. Coquitlam Ridge Constructors Ltd. calculated GST on their tendered amount. The bid by Coquitlam Ridge Constructors Ltd. was adjusted to reflect the HST. This change had no effect on the base price of either tender. Both 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, H.R.C Construction Inc., has provided a Consent of Surety for a Performance Bond and a Labour & Materials Bond, and agreed to complete the work within 130 working days, as stipulated in the contract. H.R.C. Construction Inc. is currently performing similar work and their performance has been satisfactory. They have no outstanding legal claims against the City. On this basis, it is recommended that H.R.C. Construction Inc. be awarded Contract M.S. 1705-001-61.

SUSTAINABILITY CONSIDERATIONS

The project will 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 Sustainability Charter Scope action elements:

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

FUNDING

Fifty percent (50%) of the funding for this contract is being provided by TransLink under their Minor Capital Program Funding with the remaining 50% being available in the approved 2010 Capital Budget.

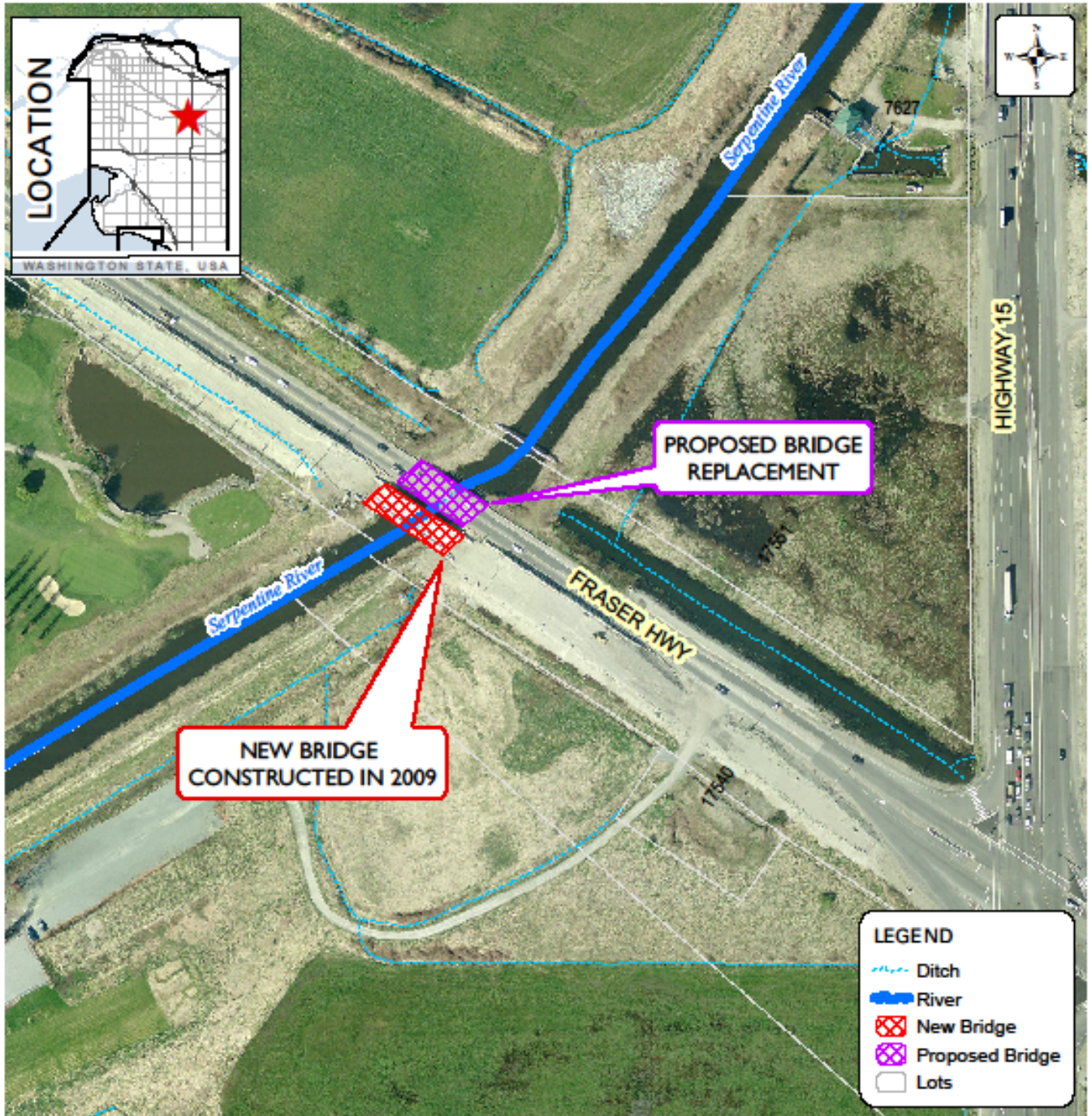
Vincent Lalonde, P.Eng.
General Manager, Engineering

KZ/VJ/brb

Appendix I – Map of proposed Fraser Highway Bridge over the Serpentine River

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APPENDIX I AERIAL PHOTOGRAPHY OF SITE



Produced by GIS Section: June 23, 2010, AW

Date of Aerial Photography: April 2009



**CONTRACT MS 1705-001-61
NEW SERPENTINE RIVER BRIDGE
ON FRASER HIGHWAY**

**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 lines, Legal descriptions and encumbrances must be confirmed at the Land Title Office.

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