



CITY OF RICHMOND

REPORT TO COMMITTEE

TO: Public Works and Transportation Committee **DATE:** May 25, 2000
FROM: Jeff Day, P. Eng.
Director, Engineering **FILE:** 0775-20
RE: Watermain and Storm Sewer Construction – Tender T.1521
Westminster Highway – No. 6 Road to No. 7 Road

STAFF RECOMMENDATION

That the City of Richmond enter into a contract with J. Cote & Son Excavating Ltd. in accordance with Tender T. 1521 for the construction of the Westminster Highway – No. 6 Road to No. 7 Road project in the total tendered amount of \$ 1,128,785.00 plus GST.

Jeff Day, P. Eng.
Director, Engineering

FOR ORIGINATING DIVISION USE ONLY		
ROUTED TO:	CONCURRENCE	CONCURRENCE OF GENERAL MANAGER
Budget	Y <input type="checkbox"/> N <input type="checkbox"/>	<hr/>

STAFF REPORTORIGIN

This project was included in the 2000 Capital Works Program.

Scope of Work

This project will replace the existing old asbestos cement watermain on Westminster Highway between No. 6 Road and No. 7 Road. In addition, the south side ditch will be infilled with a new storm sewer, minimizing roadway deterioration.

Construction is expected to start by June 19, 2000, and be completed by October 27, 2000, subject to weather and other uncontrollable delays.

A sketch of the limits of work on Westminster Highway is attached.

Tender Results

The City received four tenders for this project, and these were reviewed by the City's Engineering staff. Tenders were as follows:

TENDERER	TOTAL TENDERED AMOUNTS
Westpro Construction Ltd.	\$1,351,817.00
Sandpiper Contracting Ltd.	\$1,322,089.00
City Staff Pre-Tender Estimate	\$1,276,045.00
Progressive Contracting (Delta) Ltd.	\$1,197,117.00
J. Cote & Son Excavating Ltd.	\$1,128,785.00

ANALYSIS

All tenders were checked for legal or mathematical errors. The low bidder for contract T.1521 is J. Cote & Son Excavating Ltd. This contractor does not have recent experience on City of Richmond Capital Projects. However, the City of Burnaby has provided positive references for capital projects undertaken by J. Cote & Son Excavating Ltd.

FINANCIAL IMPACT

Funding details are shown in APPENDIX A.

Current Funding Available	\$ 1,715,000.00
Funding Required	<u>\$ 1,423,582.00</u>
Remaining Balance	<u>\$ 291,418.00</u>

DISCUSSION

The funding surplus of \$291,418.00 is attributable to efficiencies realized through the installation of both the storm sewer and watermain on the south side of the road rather than opposite sides, as originally intended. In addition, favourable market conditions have continued to keep construction costs lower than anticipated.

CONCLUSION

The tender being recommended for award is the lowest of the tenders received. The tender from J. Cote & Son Excavating Ltd. has been reviewed and is in order. It is therefore recommended that the project be awarded to J. Cote & Son Excavating Ltd.

Robert Gonzalez, P.Eng.
Project Engineer

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APPENDIX A

COST BREAKDOWN: TENDER NO. T. 1521	
Tender	\$ 1,128,785.00
GST (3%)	\$ 33,864.00
Overhead on Tender (5%)	\$ 58,133.00
Utility Amount	\$ 53,000.00
City Amount	\$ 82,000.00
SubTotal	\$ 1,355,782.00
Contingency (5%)	\$ 67,800.00
Estimated Total Project Cost	\$ 1,423,582.00

Funding sources are as follows:

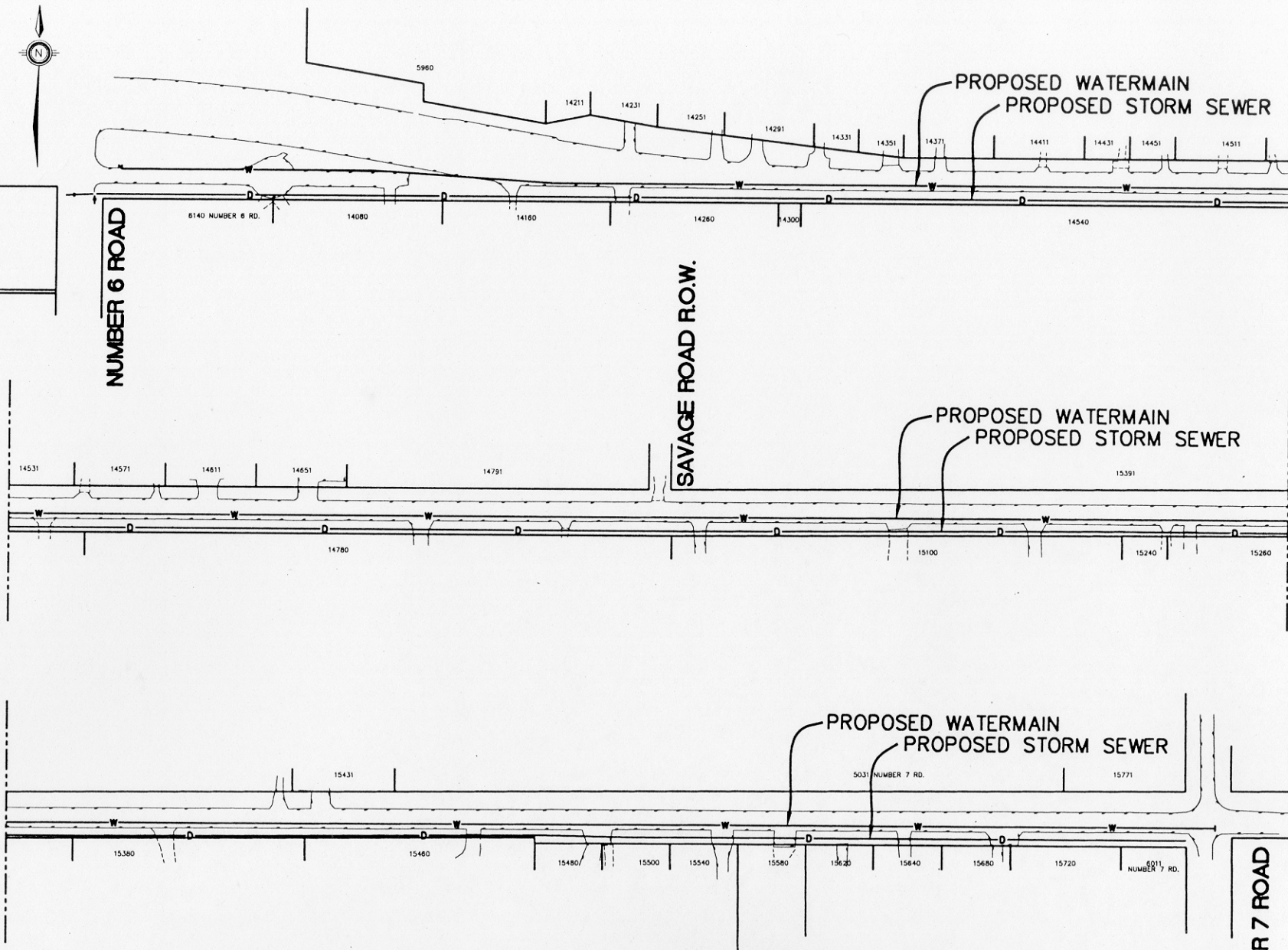
Funding Source: Tender T.1488	Project	Funding Approval to Date	Total Package Funding Required	Additional Funding Required (Unallocated)
2000 Capital Reserve BL 7079	Westminster Highway	\$ 60,000.00	-----	(\$ 60,000.00)
2000 DCC Drain. BL 7080	Westminster Highway	\$ 1,140,000.00	\$ 1,140,000.00	
2000 Water Utility BL 7081	Westminster Highway	\$ 515,000.00	\$ 283,582.00	(\$ 231,418.00)
TOTAL		\$ 1,715,000.00	\$ 1,423,582.00	(\$ 291,418.00)



NUMBER 6 ROAD

SAVAGE ROAD R.O.W.

NUMBER 7 ROAD



213

CONSTRUCTION OF STORM SEWER AND WATERMAIN
WESTMINSTER HIGHWAY
FROM NUMBER 6 ROAD TO NUMBER 7 ROAD