



**CITY OF RICHMOND**

**REPORT TO COMMITTEE**

*To PW & T - Sept 19, 2001*

**TO:** Public Works and Transportation Committee

**DATE:** September 7, 2001

**FROM:** Steve Ono, P.Eng.  
Director, Engineering

**FILE:** 0775-20

**RE: Westminster Highway Bicycle / Pedestrian Pathway - Tender T.1530  
No. 6 Road to No. 7 Road**

**STAFF RECOMMENDATION**

That the City of Richmond enter into a contract with Double M Excavating Ltd. in accordance with Tender T.1530 - Westminster Highway Bicycle / Pedestrian Pathway - No. 6 Road to No. 7 Road in the total tendered amount of \$367,431.25 plus GST.

Steve Ono, P.Eng.  
Director, Engineering

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

STAFF REPORTORIGIN

This project is part of the proposed 2001 Capital Works Program.

BACKGROUND

This project is part of the City's long range bicycle network which includes a bicycle route connection between east and west Richmond. As the ditch on the south side of Westminster Highway between No. 6 Road and No. 7 Road has recently been infilled, a dedicated bicycle pathway corridor is now available separate from the roadway.

Scope of Work

An asphalt bicycle / pedestrian pathway is to be constructed on the south side of Westminster Highway from No. 6 Road to No. 7 Road between the utility poles and the property line. Driveway reconstruction and private property impacts, such as side slopes into private property or retaining walls, have been resolved with each resident and legal agreements signed.

To prevent vehicles from driving on the bicycle path, highly reflective wooden and steel bollards will be installed along the pathway also alerting cyclists of driveway crossings. There will also be hand railings installed on the retaining walls and fences reinstated on property line.

Construction is expected to start late September 2001, and be completed by the end of November 2001, subject to weather and other uncontrollable delays. A sketch of the limits of work on Westminster Highway is attached.

Tender Results

The consultant's tender estimate was \$433,000.

The City received nine (9) tenders for this project, and these were reviewed by the City's Engineering staff. Tenders were as follows:

<b>TENDERER</b>	<b>TOTAL TENDERED AMOUNTS</b>
Double M Excavating Ltd.	\$367,431.25
C.A.P. Ventures Ltd.	\$415,725.00
Targa Contracting Ltd.	\$450,745.00
Hexcel Construction Ltd.	\$456,481.50
Columbia Bitulithic Ltd.	\$457,700.00
Sandpiper Contracting Ltd.	\$469,625.00
Winvan Paving Ltd.	\$497,245.50
Gemco Construction Ltd.	\$507,935.00
Imperial Paving Ltd.	\$516,735.00

ANALYSIS

All tenders were checked for legal or mathematical errors. The low bidder for contract T1530 is Double M. Excavating Ltd. This contractor has recent experience similar capital projects in other lower mainland municipalities, and results of interviews with references are acceptable to staff.

FINANCIAL IMPACT

The total project budget of \$450,000 was funded by the City:

Current Funding Available from City	\$ 250,000.00	
Funding from BCTFA Cycling Network	\$ 250,000.00	(to be requested after construction)
Total Funding Available	\$ 500,000.00	
Funding Required	\$ 425,000.00	
Remaining Balance	\$ 75,000.00	

Funding details are shown in APPENDIX A.

CONCLUSION

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

  
for Robert Gonzalez, P.Eng.  
Project Engineer  
RG:rg

## APPENDIX A

<b>COST BREAKDOWN: TENDER NO. T. 1530</b>	
Tender	\$ 367,431.25
GST (3%)	\$11,022.94
Overhead on Tender (5%)	\$18,371.56
Utility Amount	\$ 3,000.00
City Amount	\$ 5,000.00
SubTotal	\$404,825.75
Contingency (5%)	\$20,174.25
<b>Estimated Total Project Cost</b>	<b>\$425,000.00</b>

Funding sources are as follows:

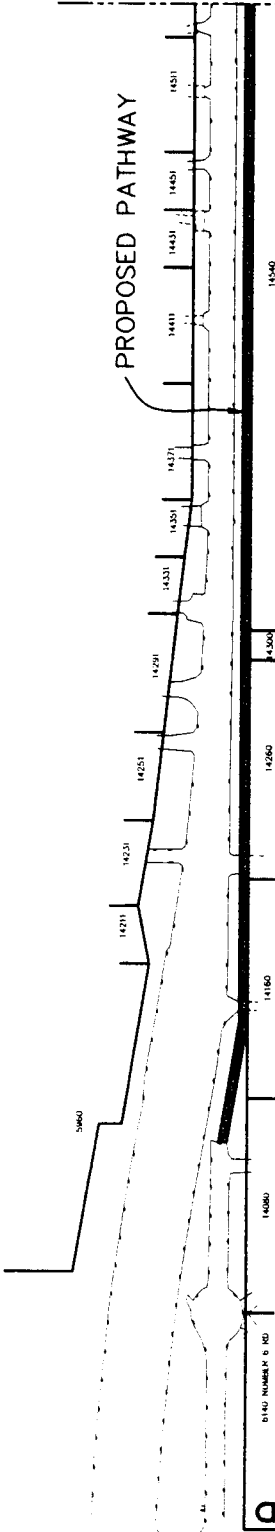
Funding Source: Tender T.1530	Project	Proposed Funding*	Total Package Funding Required	Additional Funding Required (Unallocated)
2001 Capital Reserve BL #7252	Westminster Bike Lane – 6 to 7 Road	\$ 12,500.00	\$ 3,500.00	(\$ 9,000.00)
2001 DCC Roads BL #7253	Westminster Bike Lane – 6 to 7 Road	\$ 237,500.00	\$ 237,500.00	0
BCTFA Grant *	Westminster Bike Lane – 6 to 7 Road	\$ 250,000.00	\$ 184,000.00	(\$ 66,000.00)
<b>TOTAL</b>		<b>\$ 500,000.00</b>	<b>\$ 425,000.00</b>	<b>(\$ 75,000.00)</b>

- Note: Grant is approved by BCTFA Cycling Network Program, but funds are for 50% of bicycle way construction and are not received until after construction is complete.



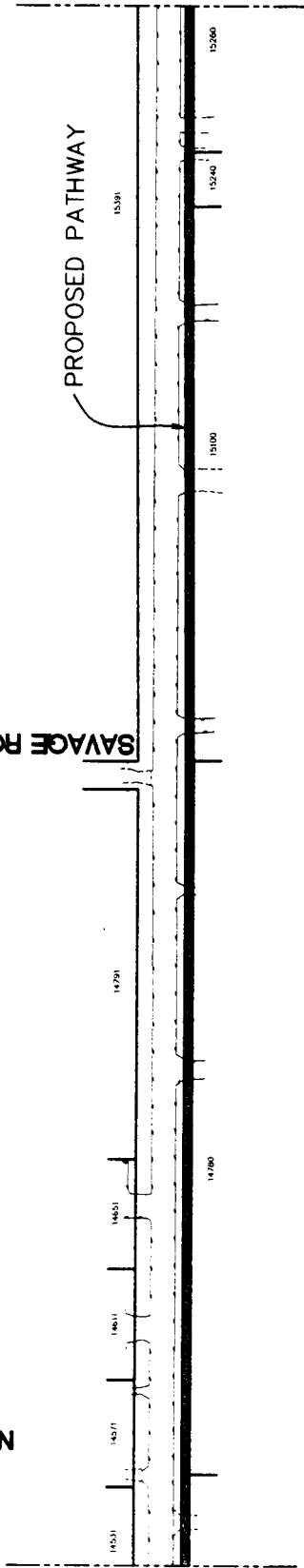
NUMBER 6 ROAD

0142 NUMBER 6 RD

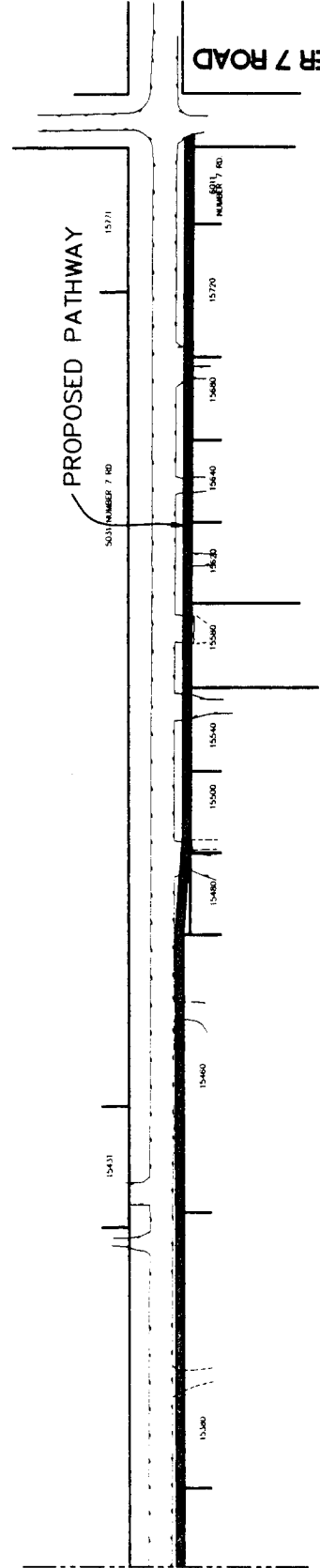


Savage Road R.O.W.

PROPOSED PATHWAY



PROPOSED PATHWAY



NUMBER 7 ROAD

**CONSTRUCTION OF BICYCLE / PEDESTRIAN PATHWAY  
WESTMINSTER HIGHWAY  
FROM NUMBER 6 ROAD TO NUMBER 7 ROAD**