

TO:	CHAIR AND MEMBERS CIVIC WORKS COMMITTEE MEETING ON APRIL 15, 2020
FROM:	KELLY SCHERR, P.ENG, MBA, FEC MANAGING DIRECTOR, ENVIRONMENTAL & ENGINEERING SERVICES AND CITY ENGINEER
SUBJECT:	EXETER ROAD AND WELLINGTON ROAD INTERSECTION IMPROVEMENTS APPOINTMENT OF CONSULTANT

RECOMMENDATION

That on the recommendation of the Managing Director, Environmental & Engineering Services and City Engineer, the following actions **BE TAKEN** with respect to the Exeter Road and Wellington Road intersection improvements project:

- (a) AECOM Canada Ltd., **BE AUTHORIZED** to carry out the construction inspection and contract administration for this project in the amount of \$205,961 (excluding HST), in accordance with Section 15.2 (g) of the Procurement of Goods and Services Policy;
- (b) the financing for this project **BE APPROVED** with the Sources of Financing Report attached hereto as Appendix A;
- (c) the Civic Administration **BE AUTHORIZED** to undertake all the administrative acts that are necessary in connection with this project; and,
- (d) the Mayor and City Clerk **BE AUTHORIZED** to execute any contract or other documents, as required, to give effect to these recommendations.

PREVIOUS REPORTS PERTINENT TO THIS MATTER

- Strategic Priorities and Policy Committee – May 21, 2019 – Approval of the 2019 Development Charges By-Law and DC Background Study
- Civic Works Committee – February 5, 2019 – Environmental Assessment and Design Services for Dingman Drive East of Wellington Road to Highway 401 and Area Intersections Improvements Appointment of Consulting Engineer

2019-2023 STRATEGIC PLAN

The following report supports the Strategic Plan through the strategic focus area of *Building a Sustainable City*. The Exeter Road and Wellington Road intersection improvement is part of a strategic plan to provide improved mobility, capacity and safety for all users.

The City of London is responsible for a transportation system that promotes the movement of people, goods and services and that strengthens economic growth. The road network provides mobility choices for residents and improves quality of life.

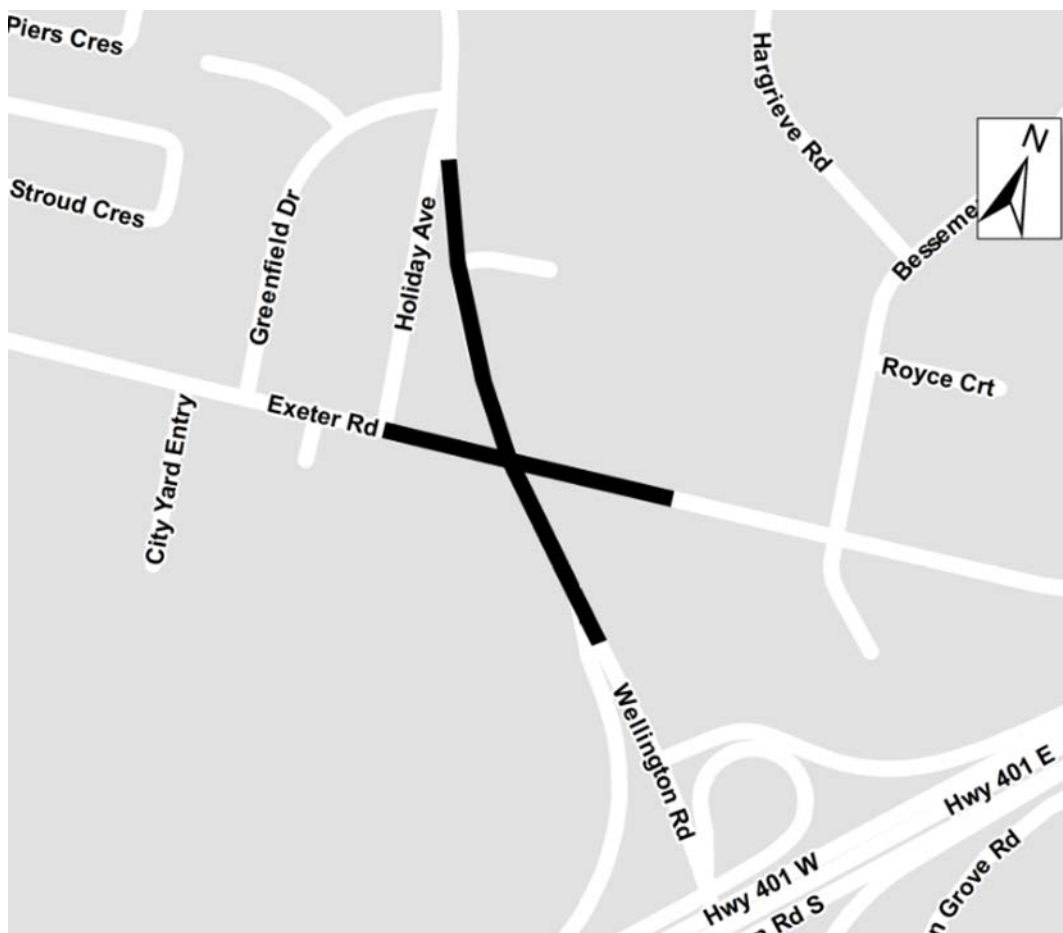
Good roads promote business, create employment, provide social opportunities, improve emergency response and create markets.

BACKGROUND

Purpose

This report recommends the award of construction inspection and contract administration services to AECOM Canada Ltd. for the Exeter Road and Wellington Road intersection improvement project. The project area is along Wellington Road from Holiday Avenue to Highway 401 and along Exeter Road from Holiday Avenue to 300m east of Wellington Road as shown in the figure below.

Project Area



Context

The Exeter Road and Wellington Road intersection is one of the busiest in the City with two arterial roadways in close proximity to Highway 401. Planned development south of Highway 401 is also expected to further increase traffic volumes in this area.

DISCUSSION

Project Description

In response to growth in the area of Highway 401 and Wellington Road including the London Gateway development located at the northwest corner of Wellington Road and Dingman Drive, road network improvements are being undertaken.

The improvements to the Exeter Road and Wellington Road intersection are to occur in 2020 and in advance of the London Gateway development. These improvements have followed a Schedule A+ Municipal Class Environmental Assessment process. The construction contract for the Exeter and Wellington Road intersection improvement was recently tendered and it will be awarded in accordance with the City's Procurement of Goods and Services Policy under the administrative approval process for a value of \$2,900,010.75.

Intersection Improvements

The intersection improvements are needed to accommodate anticipated traffic volumes and will improve safety for drivers and pedestrians with the addition of new and improved sidewalks.

The improvements include the following:

- An additional northbound left turn lane on Wellington Road
- New medians on all approaches
- Removal of all channelized right turn islands
- New traffic signals and street lights
- New curbs, sidewalks and boulevards improvements
- Urban design and streetscape elements

The improvements will meet current accessibility standards as per the Ontarians with Disabilities Act (AODA).

Streetscape Enhancements

This intersection will see aesthetic improvements based on the urban design opportunities for the area. These enhancements were developed in consultation with the City's Urban Design Division and AECOM. The *London Plan* identifies the Exeter and Wellington Road intersection as one of the important gateways in the City. These gateway areas are to contain a mix of residential and commercial uses and are planned to create a strong neighbourhood character and a distinct sense of place.

Traffic Control

During construction temporary lane reductions will be required on Wellington and Exeter Roads. Two lanes of traffic, one in each direction will be maintained at all times. Temporary traffic signals will be used at the intersection during the construction. Access to local businesses will be maintained to the greatest extent possible and businesses will be kept updated on any activities that may impact property access.

The project is tentatively scheduled to commence in May 2020 with the construction planned to be complete in Fall 2020.

Contract Administration

The City previously appointed AECOM Canada Ltd. to undertake the detailed design of this project in accordance with the Procurement of Goods and Services Policy. With the consultant's knowledge of the project, AECOM was invited to submit a proposal to carry out the contract administration and construction supervision. Staff have reviewed the fee submission in detail considering the various activities & related hourly rates provided. The amount of time allocated to each project task is consistent with prior projects of a similar nature that have been awarded through a competitive process.

The continued use of AECOM Canada Ltd. on this project for construction inspection and contract administration is of financial advantage to the City due to the fact that the firm has specific knowledge of the project and has undertaken work for which duplication would be required if another firm were to be selected.

The City's requirement for the creation of record drawings following construction necessitates that the reviewing engineer seal them on the basis of field verification and ongoing involvement. This requirement ensures consultant accountability for the design. Consequently, the continued use of AECOM Canada Ltd. who created and sealed the design drawings is required in order to maintain this accountability process.

In accordance with Section 15.2 (g) of the Procurement of Goods and Services Policy, Civic Administration is recommending that AECOM Canada Ltd. be authorized to carry out the remainder of engineering services as Contract Administrators to complete this project for a fee estimate of \$205,961 (excluding HST). When combined with the design fees, the total engineering fees associated with this project are \$417,355 (excluding HST).

CONCLUSION

AECOM Canada Ltd. has demonstrated an understanding of the City requirements for this project and it is recommended that this firm be authorized to carry out the construction inspection and contract administration for this project as it is in the best financial and technical interests of the City.

This assignment will not increase any annual operating costs.

PREPARED BY:	REVIEWED & CONCURRED BY:
GARFIELD DALES, P. ENG. DIVISION MANAGER, TRANSPORTATION PLANNING & DESIGN	DOUG MACRAE, P. ENG., MPA DIRECTOR, ROADS AND TRANSPORTATION
RECOMMENDED BY:	
KELLY SCHERR, P. ENG., MBA, FEC MANAGING DIRECTOR, ENVIRONMENTAL & ENGINEERING SERVICES AND CITY ENGINEER	

Attach: Appendix A: Sources of Financing

cc: Cassidy Construction
 AECOM Canada Ltd.
 Karl Grabowski, Transportation Design Engineer
 Violetta Sypien, Technologist II
 John Freeman, Manager, Purchasing and Supply
 Gary McDonald, TCA

APPENDIX 'A'

Chair and Members
Civic Works Committee

#20047
April 15, 2020
(Appoint Consultant Engineer)

**RE: Exeter Road and Wellington Road Intersection Improvements
(Subledger RD20004)
Capital Project TS1576 - Intersection - Wellington to Exeter Improvements
Capital Project EW3525 - Cathodic Protection Program
AECOM Canada Ltd. - \$205,961.00 (excluding H.S.T.)**

FINANCE & CORPORATE SERVICES REPORT ON THE SOURCES OF FINANCING:

Finance & Corporate Services confirms that the cost of this project can be accommodated within the financing available for it in the Capital Works Budget and that, subject to the adoption of the recommendations of the Managing Director of Environmental and Engineering Services, and City Engineer, the detailed source of financing for this project is:

<u>ESTIMATED EXPENDITURES</u>	<u>Approved Budget</u>	<u>Committed to Date</u>	<u>This Submission</u>	<u>Balance for Future Work</u>
<u>TS1576 - Intersection - Wellington to Exeter Improvements</u>				
Engineering	\$675,878	\$211,394	\$0	\$464,484
Construction	2,864,122	2,657,589	206,533	
Utilities	50,000			50,000
	<u>3,590,000</u>	<u>2,868,983</u>	<u>206,533</u>	<u>514,484</u>
<u>EW3525 - Cathodic Protection Program</u>				
Engineering	1,296,553	338,310		958,243
Construction	2,878,447	2,875,394	3,053	
	<u>4,175,000</u>	<u>3,213,704</u>	<u>3,053</u>	<u>958,243</u>
NET ESTIMATED EXPENDITURES	<u>\$7,765,000</u>	<u>\$6,082,687</u>	<u>\$209,586</u> 1)	<u>\$1,472,726</u>

SOURCES OF FINANCING

<u>TS1576 - Intersection - Wellington to Exeter Improvements</u>				
Capital Levy	\$28,294	\$28,294	\$0	\$0
Debenture Quota	3) 420,456	330,329	25,817	64,311
Drawdown from City Services - Roads Reserve Fund (Development Charges)	2) 3,141,250	2,510,360	180,716	450,174
	<u>3,590,000</u>	<u>2,868,983</u>	<u>206,533</u>	<u>514,484</u>
<u>EW3525 - Cathodic Protection Program</u>				
Capital Water Rates	3,950,000	3,213,704	3,053	733,243
Drawdown from Capital Water Reserve Fund	225,000			224,999
	<u>4,175,000</u>	<u>3,213,704</u>	<u>3,053</u>	<u>958,242</u>
TOTAL FINANCING	<u>\$7,765,000</u>	<u>\$6,082,687</u>	<u>209,586</u>	<u>\$1,472,726</u>

1) **FINANCIAL NOTE:**

	<u>TS1576</u>	<u>EW3525</u>	<u>Total</u>
Contract Price	\$202,961	\$3,000	\$205,961
Add: HST @13%	26,385	390	26,775
Total Contract Price Including Taxes	<u>229,346</u>	<u>3,390</u>	<u>232,736</u>
Less: HST Rebate	22,813	337	23,150
Net Contract Price	<u>\$206,533</u>	<u>\$3,053</u>	<u>209,586</u>

2) Development Charges have been utilized in accordance with the underlying legislation and the Development Charges Background Studies completed in 2019.

Note to City Clerk:

3) Administration hereby certifies that the estimated amounts payable in respect of this project does not exceed the annual financial debt and obligation limit for the Municipality from the Ministry of Municipal Affairs in accordance with the provisions of Ontario Regulation 403/02 made under the Municipal Act, and accordingly the City Clerk is hereby requested to prepare and introduce the necessary authorizing by-law.

An authorizing by-law should be drafted to secure debenture financing for project TS1576 -Intersection - Wellington to Exeter Improvements for the net amount to be debentured of \$420,456.00.

kw

Jason Davies
Manager of Financial Planning & Policy