

TO:	CHAIR AND MEMBERS CIVIC WORKS COMMITTEE MEETING ON JULY 14, 2020
FROM:	KELLY SCHERR, P.ENG, MBA, FEC MANAGING DIRECTOR, ENVIRONMENTAL & ENGINEERING SERVICES AND CITY ENGINEER
SUBJECT:	DUNDAS PLACE - THAMES VALLEY PARKWAY ACTIVE TRANSPORTATION CONNECTION APPOINTMENT OF CONSULTING ENGINEER

RECOMMENDATION

That on the recommendation of the Managing Director, Environmental & Engineering Services and City Engineer, the following actions **BE TAKEN** with respect to the appointment of a Consulting Engineer for the construction administration of Dundas Place - Thames Valley Parkway Active Transportation Connection project:

- (a) IBI Group Professional Services (Canada) Inc., **BE AUTHORIZED** to carry out the construction inspection and contract administration for this project in the amount of \$323,190.00 (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
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- Civic Works Committee – September 7, 2016 – London ON Bikes Cycling Master Plan
- Civic Works Committee – December 12, 2016 – Dundas Place Environmental Study Report
- Civic Works Committee – February 7, 2017 – Dundas Place Detailed Design & Tendering Appointment of Consulting Engineer
- Civic Works Committee – November 12, 2018 – Appointment of Consulting Engineer Infrastructure Renewal Program - Contract C Dundas Street from Adelaide Street to Ontario Street
- Civic Works Committee – February 20, 2019 - Downtown OEV East-West Bikeway Corridor Evaluation
- Strategic Priorities and Policy Committee – October 28, 2019 – Investing in Canada Infrastructure Program – Public Transit Infrastructure Stream – Approved Projects
- Civic Works Committee – November 19, 2019 – Dundas Place – Thames Valley Parkway Active Transportation Connection 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* by building more infrastructure for walking and bicycling.

BACKGROUND

Purpose

The purpose of this report is to appoint an engineering consultant for the construction administration of the Dundas Place - Thames Valley Parkway Active Transportation Connection project on Dundas Street / Riverside Drive from Wilson Avenue to Ridout Street as well as Thames Street.

Context

The Dundas Place - Thames Valley Parkway Active Transportation Connection (Dundas TVP Connection) project is the result of the Downtown OEV East-West Bikeway Corridor Evaluation and also informed by the Dundas Place Environmental Assessment. This important active transportation connection was identified as one of the ten transit and transit supportive projects submitted and approved for senior government funding through the Investing in Canada Plan (ICIP).

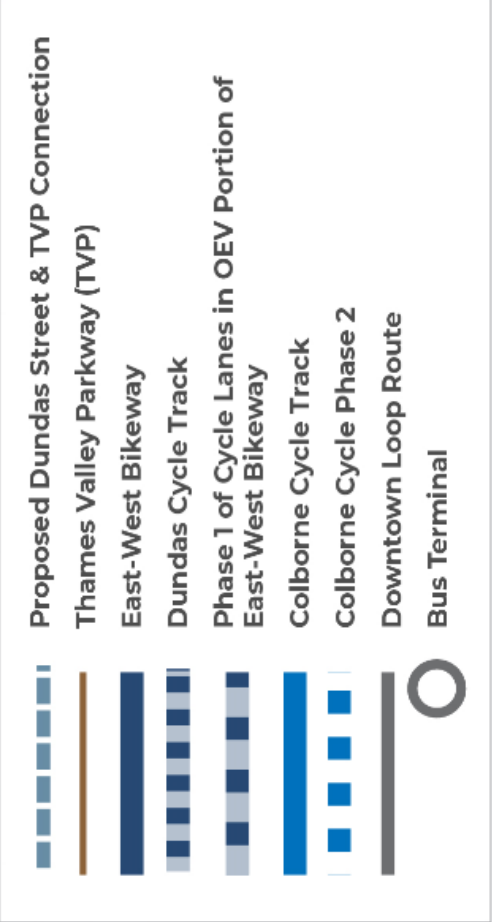
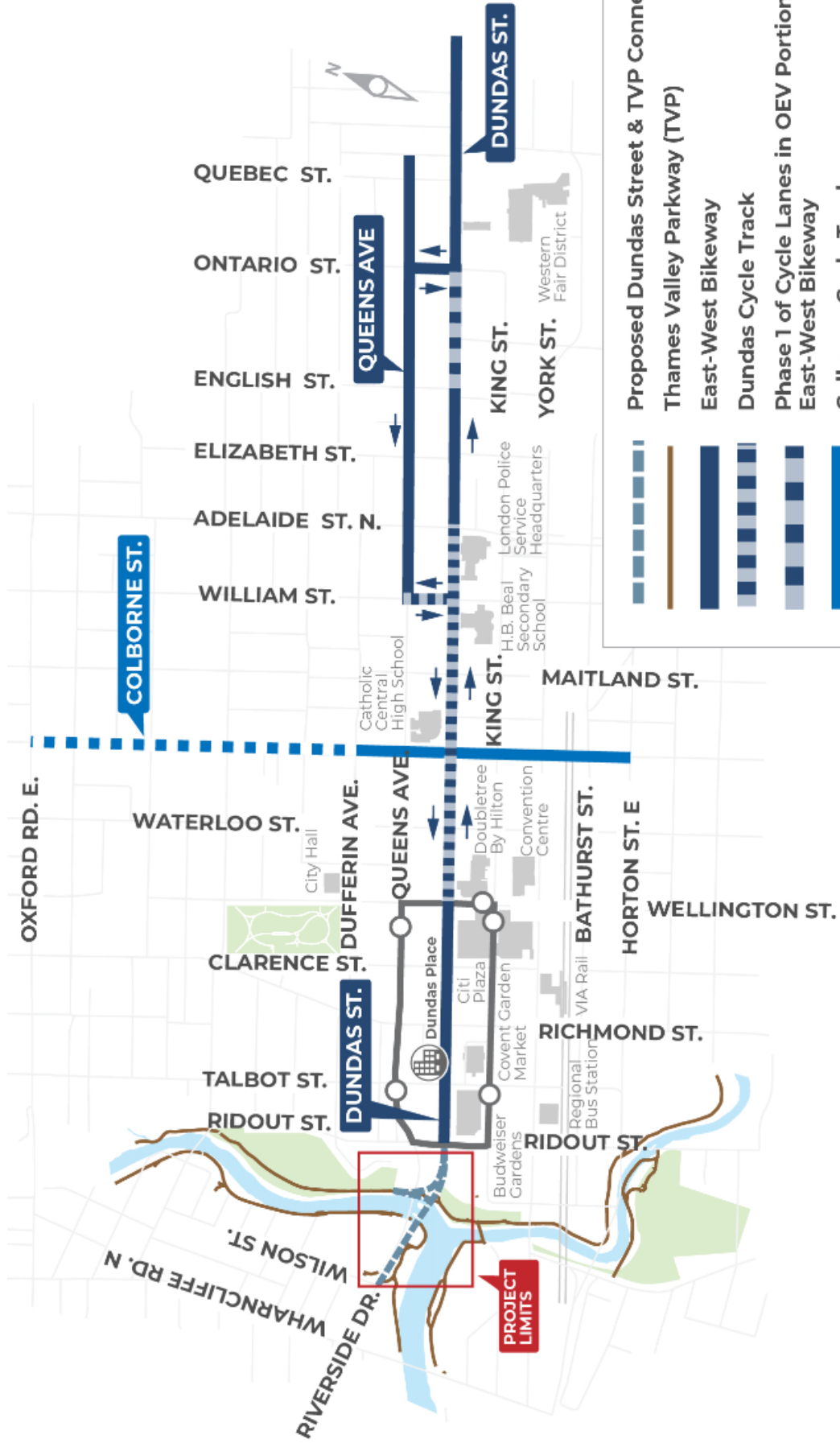
This project will improve the link for pedestrians and cyclists between the TVP and downtown London and will facilitate a connection for cyclists to the East-West Bikeway. Having an improved cycling connection will make it easier to reach existing transit routes as well as planned rapid transit stops in this area.

The detailed design was enhanced based on the consultation process to include a cycling connection further extending further west to Wilson Avenue for a more connective project. The design addressed the need to incorporate separated cycling facilities, cycling connections to the Thames Valley Parkway (TVP), urban design improvements and sewer replacements.

The urban design components for this project have been guided by the Dundas Place Environmental Assessment to create an improved gateway into the downtown.

Location Plan

The Dundas TVP connection project provides a missing connection between the Thames Valley Parkway and Dundas Place. In 2020, City staff have a number of other separated cycling projects planned for implementation within the downtown area. These other projects include the Dundas Cycle Track project from Wellington Street to Adelaide Street, including William Street from Queens Avenue to Dundas Street; Colborne Cycle Track project from Dufferin to 100 metres north of Oxford Street East; and the first phase of the Dundas OEV project from English Street to Ontario Street. All of these improvements will create approximately three centreline kilometres of separated cycling infrastructure to continue to improve our cycling network. The map below highlights the project area for the Dundas TVP connection project as well as the cycling improvements within the downtown area.



DISCUSSION

Project Description

The key design consideration for the Dundas TVP Connection project was to implement a more connective cycling and pedestrian network while enhancing the urban design features on Dundas. This section of Dundas is considered the gateway into the City and the elements from past studies have assisted to inform the design. This project took into consideration the intersection design at Dundas Street and Ridout Street to be compatible with the with the Rapid Transit Downtown Loop design.

The improvements on Dundas Street / Riverside Drive from Wilson Avenue to Ridout Street are to occur this summer and in advance of the Rapid Transit Downtown Loop project. There may be some minor carry over finishing works for this project into spring 2021. The construction contract for the Dundas TVP Connection project is currently out for tender and it is anticipated it will be awarded in accordance with the City's Procurement of Goods and Services Policy under the administrative approval process.

The primary improvements for this project include the following:

- New cycle track on Dundas / Riverside from Wilson Avenue to Ridout Street
- Wider pedestrian sidewalks
- Enhanced street lighting
- Intersection Pedestrian Signal (IPS) at Wilson Avenue and Riverside Drive to allow for a dedicated pedestrian and cycling crossing.
- Improved intersection at Ridout Street and Dundas Street.

Streetscape Enhancements

This section of Dundas Street is considered as the gateway into the downtown, as it connects the Thames Valley Parkway to Dundas Place. The Dundas Place Environmental Assessment, Downtown OEV East-West Bikeway Corridor Evaluation and public feedback have shaped the streetscape elements of this project. A draft of the urban design features that was presented during the second public information centre can be seen below. As a result of additional public feedback, the final design for the streetscape elements have been slightly modified.



Traffic Control

During construction there will be temporary lane closures that result in one vehicle lane being open. This will allow the contractor to construct the project in a timely manner while also keeping the construction staff safe. 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 scheduled to commence in August 2020 with the construction planned to be complete by the end of November 2020, with minor carry over finishing works into spring 2021.

Contract Administration

The City previously appointed IBI Group Professional Services (Canada) Inc. 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, IBI Group Professional Services (Canada) Inc. 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 and 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 IBI Group Professional Services (Canada) Inc. 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 IBI Group Professional Services (Canada) Inc. 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 IBI Group Professional Services (Canada) Inc. be authorized to carry out the remainder of engineering services as Contract Administrators to complete this project for a fee estimate of \$323,190 (excluding HST). When combined with the design fees, the total engineering fees associated with this project are \$566,798.65 (exclusive of HST).

CONCLUSION

IBI Group Professional Services (Canada) Inc. has demonstrated an understanding of the City requirements for this project and it is recommended that this consulting 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.

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: IBI Group Professional Services (Canada) Inc.
John Freeman, Manager, Purchasing and Supply
Gary McDonald, TCA
Peter Kavcic, Transportation Design Engineer
Andrew Giesen, Senior Transportation Technologist

APPENDIX "A"

Chair and Members
Civic Works Committee

#20102
July 14, 2020
(Appoint Consulting Engineer)

**RE: Dundas Place - Thames Valley Parkway Active Transportation Connection
Appointment of Consulting Engineer
(Subledger RD190019)
Capital Project TS1748 - Dundas Place - TVP Active Transportation Connection (PTIS)
IBI Group Professional Services (Canada) Inc. - \$323,190.00 (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 approval of the Managing Director, Environmental & 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>
Engineering	\$550,000	\$209,556	\$328,878	\$11,566
Construction	3,450,000			3,450,000
NET ESTIMATED EXPENDITURES	<u>\$4,000,000</u>	<u>\$209,556</u>	<u>\$328,878</u> 1)	<u>\$3,461,566</u>
 <u>SOURCE OF FINANCING</u>				
Debenture By-law No. W.-5656-14 2)	\$1,068,001	\$55,952	\$87,810	\$924,239
PTIS - Federal Funding	1,600,000	83,822	131,551	1,384,627
PTIS - Provincial Funding	1,331,999	69,782	109,517	1,152,700
TOTAL FINANCING	<u>\$4,000,000</u>	<u>\$209,556</u>	<u>\$328,878</u>	<u>\$3,461,566</u>

1) Financial Note:

Contract Price	\$323,190
Add: HST @13%	42,015
Total Contract Price Including Taxes	<u>365,205</u>
Less: HST Rebate	36,327
Net Contract Price	<u><u>\$328,878</u></u>

Note to City Clerk:

2) The City Clerk be authorized to increase Debenture By-law No. W.-5656-14 by \$1,013,197 from \$54,804 to \$1,068,001.

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Kyle Murray
Director of Financial Planning & Business Support