

<b>TO:</b>	<b>CHAIR AND MEMBERS CIVIC WORKS COMMITTEE MEETING ON SEPTEMBER 24, 2019</b>
<b>FROM:</b>	<b>KELLY SCHERR, P. ENG., MBA, FEC MANAGING DIRECTOR, ENVIRONMENTAL AND ENGINEERING SERVICES AND CITY ENGINEER</b>
<b>SUBJECT:</b>	<b>DUNDAS STREET CYCLE TRACK DESIGN APPOINTMENT OF CONSULTING ENGINEER</b>

<b>RECOMMENDATION</b>
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That on the recommendation of the Managing Director, Environmental and Engineering Services and City Engineer, the following actions **BE TAKEN** with respect to the appointment of a Consulting Engineer for the Cycle Track Design of Dundas Street from Wellington Street to Adelaide Street, and William Street from Dundas Street to Queens Avenue:

- a) WSP Canada Group Limited **BE APPOINTED** Consulting Engineers to carry out consulting services in the amount of \$532,742.41 excluding HST, in accordance with Section 15.2(d) of the City of London's Procurement of Goods and Services Policy;
- b) the financing for this appointment **BE APPROVED** in accordance 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 appointment;
- d) the approvals given, herein, **BE CONDITIONAL** upon the Corporation entering into a formal contract with the consultant for the project; and,
- e) the Mayor and City Clerk **BE AUTHORIZED** to execute any contract or other documents, if required, to give effect to these recommendations.

<b>PREVIOUS REPORTS PERTINENT TO THIS MATTER</b>
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- Strategic Priorities and Policy Committee – January 28, 2016 – Downtown Infrastructure Planning and Coordination
- Civic Works Committee – September 7, 2016 – London ON Bikes Cycling Master Plan
- Civic Works Committee – October 4, 2016 – Infrastructure Canada Phase One Investments Public Transit Infrastructure Fund
- Civic Works Committee – January 10, 2017 – Queens Avenue and Colborne Street Cycle Tracks
- Strategic Priorities and Policy Committee – May 3, 2017- Rapid Transit Alternative Corridor Review
- Planning and Environment Committee – December 4, 2017 – Parking Strategy for Downtown London
- Civic Works Committee – November 12, 2018 – Appointment of Consulting Engineer Infrastructure Renewal Program - Contract C Dundas Street from Adelaide Street to Ontario Street
- Planning and Environment Committee – February 19, 2019 – Draft Old East Village Dundas Street Corridor Secondary Plan
- Civic Works Committee – February 20, 2019 - Downtown OEV East-West Bikeway Corridor Evaluation

## 2019 - 2023 STRATEGIC PLAN

The following report supports the 2019 – 2023 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 design and tender preparation of separated cycling facilities on Dundas Street from Wellington Street to Adelaide Street, and on William Street from Dundas Street to Queens Avenue.

### Context

This project is the result of the recommendation from the Downtown OEV East-West Bikeway Corridor Evaluation, where Dundas Street and Queens Avenue OEV Hybrid was approved as the preferred alternative for east-west cycling connectivity.

### East-West Bikeway Recommended Corridor



This alternative is a shared cycling route along Dundas Place between Ridout Street and Wellington Street, uni-directional cycle tracks on Dundas Street between Wellington Street and William Street, a cycling couplet on Dundas Street (eastbound) and Queens Avenue (westbound) between William Street and Quebec Street, with side street cycling connections proposed on William Street and Quebec Street.

The east-west bikeway corridor is anticipated to be fully constructed by Fall 2022, with construction timing for individual sections shown below.

Project Coordination	Location	From	To	Year
Dundas Place (Shared Space)	Dundas Street	Ridout Street	Wellington Street	2018 & 2019
Dundas Street Infrastructure Renewal (eastbound lane)	Dundas Street	Adelaide Street	Ontario Street	2020 & 2021
Dedicated Cycle Track Project	Dundas Street	Wellington Street	Adelaide Street	2020
	William Street	Dundas Street	Queens Avenue	2020
Road Resurfacing (improved westbound lane)	Queens Avenue	William Street	Quebec Street	2022

This assignment will create the design and tender documents for the permanent east-west separated cycling route between the downtown and Old East Village connecting with Dundas Place and the infrastructure renewal project on Dundas Street between Adelaide Street and Ontario Street. This design will implement a separated cycle track and where opportunities exist implement the vision of a complete street within the context of the draft Old East Village Dundas Corridor Secondary Plan.

## DISCUSSION

### Project Description

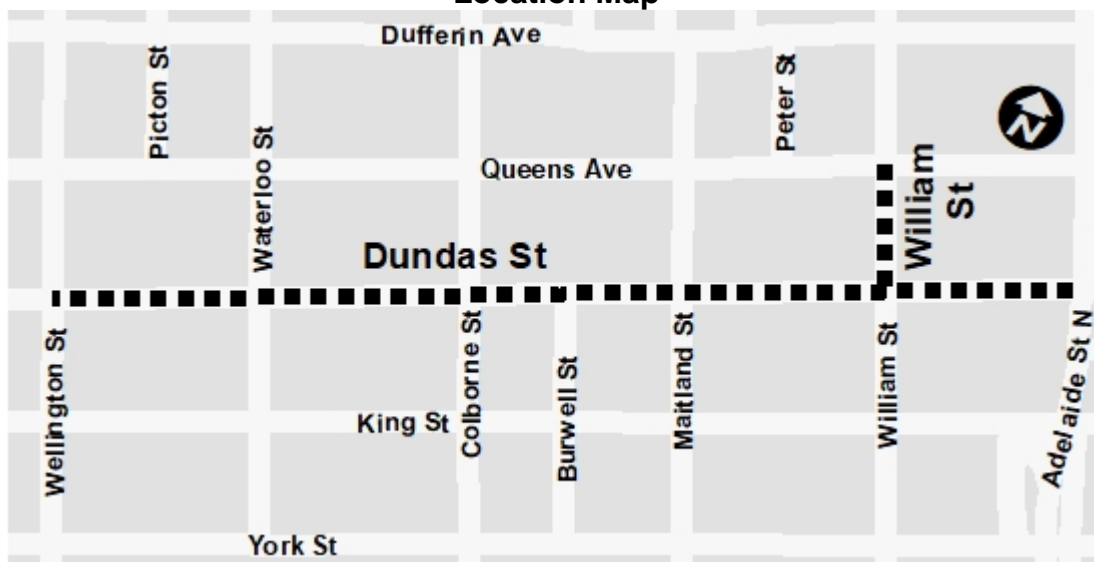
The key design improvements for this detailed design assignment will be to implement the recommendations from the Downtown OEV East-West Bikeway Corridor Evaluation. This project will design the separated cycling facility on Dundas Street between Wellington Street to Adelaide Street, and a side street connection on William Street from Dundas Street to Queens Avenue. The design will also implement London's first protected intersection at Colborne Street and Dundas Street. The design will include improved pedestrian, landscaping and urban design elements.

Construction timing is anticipated in summer 2020. The award of the design at this time aims to maintain this project schedule.

The primary deliverables from this detailed design assignment include field investigations, design, approvals, and tender preparation. Particular focus areas for the assignment include:

- Geometric design with a focus on intersection movements;
- Completion of a parking study to review available opportunities to provide for additional parking where possible along the project limits;
- Coordination of service needs, including expansion of existing and new infrastructure;
- Traffic signals and street light design;
- Public consultation and engagement with stakeholders including; individual businesses, BIA's, Advisory Committees, School Boards, adjacent land owners, and interested individuals;
- Securing all necessary approvals and permits;
- Preparation of utility plans and coordination of the installation of utilities; and
- Preparation of the complete tender package.

### Location Map



Available funding has been budgeted in the capital budget to support the engineering design work for the project identified in Appendix A, Source of Financing Report. The design fees for this project, which are recommended for approval in this report, are based on the project scope described above. The fee includes a 10% contingency and excludes HST.

### Consultant Procurement

WSP Canada Group Limited is being recommended to be awarded the assignment, which was procured using an open and publicly advertised Request for Proposals (RFP) process. Proposal submissions were received for the assignment from three consultants, in accordance with the City's Procurement of Goods and Services Policy 15.2 (d). The process for consultant award included a best value approach which provides an optimal

balance between the performance and cost determined in accordance with a pre-defined evaluation plan.

The selection committee evaluated the proposals against an established evaluation criteria which included the experience and qualifications of the consultant team as well as their approach, methodology and schedule to complete the required work. The evaluation committee determined that the submission from WSP Canada Group Limited provides the best value for the City. WSP Canada Group Limited has experienced project team members with the required qualifications and expertise. Their proven experience on similar projects combined with a project proposal that demonstrated a thorough understanding of the goals and objectives determined their suitability for this assignment.

In accordance with Section 15.2 (d) of the Procurement of Goods and Services Policy, Civic Administration is recommending that WSP Canada Group Limited be authorized to carry out the detailed design and tendering of this project for a fee estimate of \$532,742.41 (excluding HST). The submission from WSP Canada Group Limited includes a fee submission that indicates that the detail design can be completed within the funds available in the project account. The consultant will be considered for construction administration services depending upon performance.

<b>CONCLUSION</b>
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Providing desirable cycling infrastructure is essential to building a sustainable city and facilitating transportation alternatives. The commencement of this design is another step forward in building sustainable and active transportation infrastructure for all ages and abilities. The need for this project has been identified as a high priority in the Cycling Master Plan and confirmed in the East-West Bikeway Corridor Evaluation. The assignment will also undertake detailed urban design considerations in consultation with the community given the unique nature of the Dundas Street commercial environment.

WSP Canada Group Limited has demonstrated an understanding of the requirements for this project. Based on the competitive consultant procurement process, it is recommended that WSP Canada Group Limited be appointed to undertake the engineering design services for the Dundas Street Cycle Track in the amount of \$532,742.41 (excluding HST).

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

Attach: Appendix A – Sources of Financing

c: John Freeman, Manager, Purchasing and Supply  
 Gary McDonald, Budget Analyst  
 WSP Canada Group Limited