

## Report to Civic Works Committee

**To:** Chair and Members  
Civic Works Committee

**From:** Kelly Scherr, P.Eng., MBA, FEC, Deputy City Manager,  
Environment & Infrastructure

**Subject:** Colonel Talbot Road Two-lane Upgrades from Southdale  
Road to James Street– Appointment of Consulting Engineer

**Date:** May 10, 2022

## Recommendation

That on the recommendation of the Deputy City Manager, Environment & Infrastructure the following actions **BE TAKEN** with respect to the appointment of a Consulting Engineer for the detailed design and tendering of Colonel Talbot Road Two-lane Upgrades from south of Southdale Road to James Street:

- (a) AECOM Canada Ltd. **BE APPOINTED** as the Consulting Engineer to complete the Detailed Design and Tendering Services at an upset amount of \$756,192 (excluding HST) in accordance with RFP-2022-008 and Section 15.2 (e) of the Procurement of Goods and Services Policy;
- (b) the financing for this assignment **BE APPROVED** as set out in 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 assignment;
- (d) the approvals given herein **BE CONDITIONAL** upon the Corporation entering into a formal contract with the consultant for the work; and,
- (e) the Mayor and City Clerk **BE AUTHORIZED** to execute any contract or other documents including agreements, if required, to give effect to these recommendations.

## Linkage to the Corporate Strategic Plan

The following report supports the 2019-2023 Strategic Plan through the focus area of Building a Sustainable City, by increasing access to transportation options, improving safety for all modes of transportation and building new infrastructure to support future development and to protect the environment.

## Analysis

### 1.0 Background Information

#### 1.1 Previous Reports Related to this Matter

- Civic Works Committee – June 19, 2012 – London 2030 Transportation Master Plan
- Civic Works Committee – September 7, 2016 – London ON Bikes Cycling Master Plan
- Planning and Environmental Committee – October 2012 – The Southwest Area Secondary Plan Report
- Strategic Priorities and Policy Committee – May 6, 2019 – Approval of 2019 Development Charges By-Law and DC Background Study

## 2.0 Context

Colonel Talbot Road from 300 m south of Southdale Road to James Street, is classified as a Civic Boulevard with average daily traffic volumes of approximately 13,000 vehicles per day. It is a critical north-south connection between developing areas in Southwest London. The current roadway consists of a rural cross-section with open ditches. The current design does not provide for a complete active transportation network of sidewalks and cycling facilities. There are also a number of safety and operational issues that need to be reviewed and addressed along this corridor including illumination and stormwater management.

The need for the Colonel Talbot Road Two-lane Upgrade project was first identified in the 2019 Development Charges Study. As the surrounding area develops, Colonel Talbot Road must better serve all users, whether walking, cycling, riding transit, or driving, and provide the necessary municipal services to accommodate that growth.

The Climate Emergency Screening Tool was applied to this project and highlighted the provision of a connected walking and cycling network as key components to enable sustainable mobility. The project is expected to mitigate climate impacts through the addition of active transportation infrastructure, improved transit amenities, additional street trees and landscaping and is not expected to induce an increase to single occupant vehicle trips. The project will also adapt to climate change by including low-impact development strategies and assessing and improving the stormwater capacity of the area. Reconstruction of strategic streets to a Civic Boulevard complete street standard is recommended as a cost-effective approach to enable sustainable mobility choices.

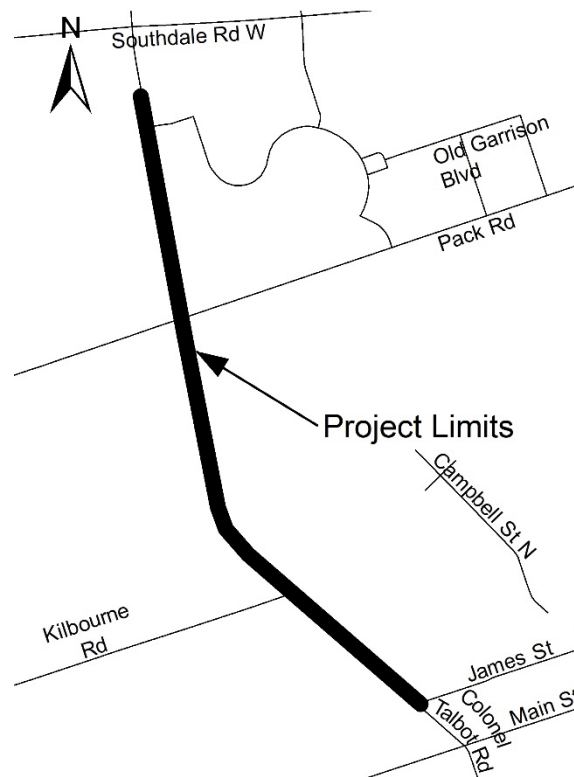


Figure 1. Project Location

### 1.2 Network Improvements in Southwest London

There are a number of planned improvements to the transportation network and municipal infrastructure in southwest London. Nearby projects include:

- Southdale Road West Improvements from Bostwick Road to Pine Valley Boulevard will start construction this year.

- A proposed roundabout at Colonel Talbot Road and Southdale Road has started the detailed design process. The design assignment described in this report will coordinate with the roundabout project to ensure both the design and construction impacts are planned holistically.

Other growth projects in the area, and their timing, will be considered as part of the Mobility Master Plan, the Growth Management Implementation Strategy and the next Development Charges Background Study.

## **3.0 Discussion and Considerations**

### **3.1 Project Objectives**

The key objectives of this design assignment include:

- Upgrading the corridor to a complete street standard including sidewalks, cycling facilities, streetlights, and curb and gutter;
- Reviewing existing illumination levels from Southdale Road West to Main Street to be consistent with the recently improved Main Street intersection
- Reviewing existing and projected traffic demand and recommending solutions for intersection types and layout;
- Developing a stormwater management strategy including assessing existing culverts and designing upgrades as required;
- Installing a local watermain on Colonel Talbot Road between Kilbourne Road and James Street;
- Preparing an Environmental Impact Study, Tree Protection Plan and Landscape Plan; and,
- Obtaining approvals from external agencies, coordinating utility relocations and preparing the tender documents.

### **3.2 Construction Considerations**

As per the Development Charges Background Study Update, construction of the Colonel Talbot Road two-lane upgrade is recommended to begin in 2023. The construction will likely be phased over two construction seasons, with the placement of the final lift of asphalt and completion of any remaining minor works in the subsequent construction season. Construction scheduling will be coordinated with the planned roundabout at Southdale Road West currently planned for construction in 2024 to minimize road user impacts.

### **3.3 Consultant Procurement Process**

The consultant selection process for this assignment (RFP-2022-008) has been undertaken in accordance with the City's Procurement of Goods and Services Policy. The procurement process followed the two stage process with the first stage being an open, publicly advertised pre-qualification stage (RFQUAL). Subsequently, a consultant shortlist comprising five engineering consulting firms was developed and these consultants were invited to submit detailed proposals and work plans. Proposals were received from three consultants: AECOM Canada Ltd., BT Engineering Inc., and Dillon Consulting Limited on March 15, 2022. The selection committee evaluated the proposals against an established evaluation criteria which included an understanding of project objectives, team member's qualifications and experience on directly related projects. The consultant's price was also factored into the evaluation.

The evaluation process determined that the submission from AECOM Canada Ltd. provides the best value for the City. AECOM Canada Ltd. has experienced project team members with the required qualifications. Their proven experience on similar projects

combined with a project proposal that demonstrated a thorough understanding of the project goals and objectives determined their suitability for this assignment. The consultant will be considered for future project phases subject to performance.

## **Conclusion**

This project will provide necessary upgrades that will serve all mobility needs and provide the municipal services required for a growing area. The AECOM Canada Ltd. proposal demonstrates a comprehensive understanding of the requirements for this project. Based on the competitive consultant procurement process, it is recommended that AECOM Canada Ltd. be appointed to undertake the detailed design and tendering for the Colonel Talbot Road Two-lane Upgrades from 300m south of Southdale Road to Main Street in the amount of \$756,192 (excluding HST).

There are no anticipated additional annual operating costs to the Environment and Infrastructure budget associated with this consulting assignment.

**Prepared by:** Garfield Dales, P.Eng., Division Manager, Transportation Planning and Design

**Submitted by:** Doug MacRae, P.Eng., MPA, Director, Transportation and Mobility

**Recommended by:** Kelly Scherr, P.Eng., MBA, FEC, Deputy City Manager, Environment and Infrastructure

**Attach:** Appendix A: Source of Financing

**c:** Daniel Hall, City of London  
John Bos, City of London  
Jeff Kelso, AECOM Canada Ltd.