

## 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:** Appointment of Consulting Engineer - Detailed Design  
Southdale Road West and Colonel Talbot Road Roundabout

**Date:** March 29, 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 Southdale Road West and Colonel Talbot Road Roundabout project:

- (a) AECOM Canada Ltd. **BE APPOINTED** Consulting Engineers to complete the detailed design and tendering services of the project as per the AECOM Canada Ltd. work plan, in the total amount of \$488,375, 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** 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 project;
- (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 the City Clerk **BE AUTHORIZED** to execute any contract or other documents, if required, to give effect to these recommendations.

## Linkage to the Corporate Strategic Plan

Municipal Council's 2019-2023 Strategic Plan identifies "Building a Sustainable City" and "Growing our Economy" as strategic areas of focus. The following report supports the Strategic Plan by implementing and enhancing safe and convenient mobility choices for pedestrians, cyclists, transit, and automobile users.

## Analysis

### 1.0 Background Information

#### 1.1 Previous Reports Related to this Matter

- June 19, 2012 - Civic Works Committee – London 2030 Transportation Master Plan
- October 2012 – Planning and Environmental Committee –The Southwest Area Secondary Plan Report
- September 7, 2016 - Civic Works Committee - London ON Bikes Cycling Master Plan
- January 10, 2017 – Civic Works Committee – Environmental Assessment Appointment of Consulting Engineer
- April 2, 2019 – Civic Works Committee – Southdale Road West and Bostwick Road Improvements Environmental Study Report

- May 21, 2019 – Strategic Priorities and Policy Committee – Approval of 2019 Development Charges By-Law and DC Background Study
- July 23, 2019 – Civic Works Committee – Southdale Road West Improvements Phase 1 Detail Design and Tendering Services – Appointment of Consulting Engineer
- October 20, 2020 – Strategic Priorities and Policy Committee – 2021 Development Charges Update Covering Report and Proposed By-law
- August 31, 2021 – Civic Works Committee – Outcome of Climate Lens Screening Applied to Major Transportation Projects
- November 2, 2021 – Civic Works Committee – Initiation of the Mobility Master Plan Development

## **1.2 Purpose**

This report seeks the approval of the Municipal Council to appoint AECOM Canada Ltd. as the engineering consultant to undertake the detailed design and tendering services for the Southdale Road West and Colonel Talbot Road roundabout project.

## **1.3 Background**

Southdale Road West and Colonel Talbot Road are both identified as Civic Boulevards in the London Plan and their intersection represents a vital link in the City of London's mobility network.

Recent and future developments in southwest London will increase pedestrian, cyclist, transit, and motorist traffic, turning movements, and safety concerns at this intersection. This project will enhance the functionality and safety of the intersection by bringing it to current design standards. The project will follow the Complete Streets approach and will improve traffic capacity, active transportation connectivity and accessibility for the adjacent communities, and safety for all users.

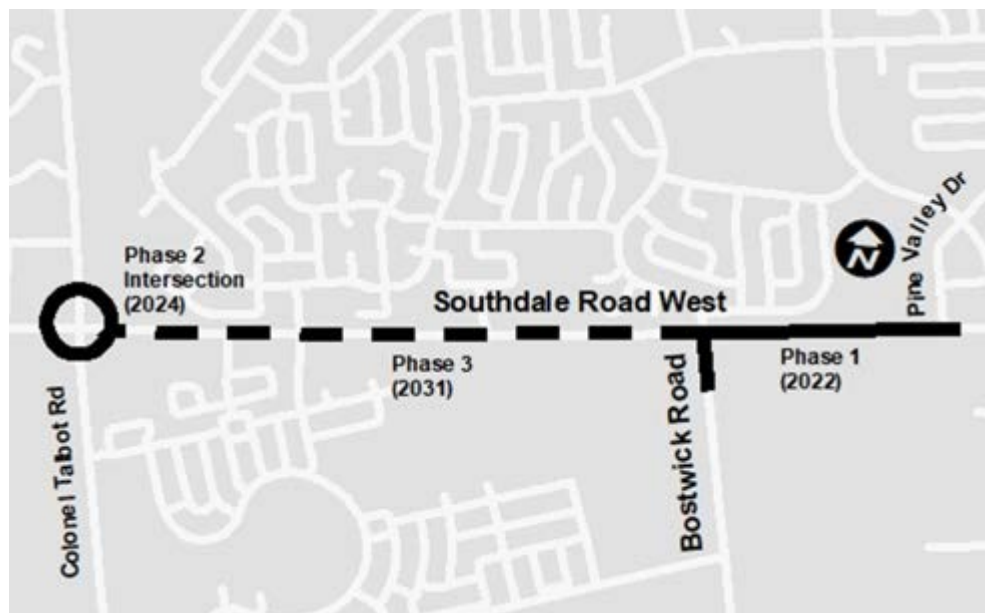
An Environmental Assessment (EA) for the Southdale Road West corridor from Colonel Talbot Road to Pine Valley Boulevard was completed and the Environmental Study Report (ESR) was approved by Council in April 2019. The ESR identified the transportation infrastructure needs for the Southdale Road West corridor and recommended that this work be completed in phases, with the current proposed phasing:

- Phase 1 – Southdale Road West, from Bostwick Road to Pine Valley Boulevard
- Phase 2 – Southdale Road West and Colonel Talbot Road intersection (the subject of this report)
- Phase 3 – Southdale Road West, from Colonel Talbot Road to Bostwick Road

The study also looked at road enhancements to Bostwick Road from Southdale Road West to Pack Road to support future development in that area.

The first phase of the Southdale Road West corridor improvements was recently reviewed using the Climate Emergency Screening Tool. The screening tool review endorsed a complete streets approach for former rural corridors in growing areas like Southdale Road West that are missing components of pedestrian, cycling and transit amenities and do not support municipal and emergency services. Reconstruction of strategic streets to a Civic Boulevard Complete Street standard is recommended as a cost-effective approach to enable sustainable mobility choices.

A map of the Southdale Road West corridor improvements is included below.



**Figure 1: Phases of the Southdale Road West corridor improvements (2019 EA)**

#### **1.4 Network Improvements in Southwest London**

Phase 1 of the Southdale Road West improvements, which spans from Bostwick Road to Pine Valley Boulevard and also includes Bostwick Road from Southdale Road West to approximately 130 m south of Southdale Road West, is scheduled for construction to commence in 2022.

Phase 2, the roundabout construction at the intersection of Southdale Road West and Colonel Talbot Road is anticipated to commence in 2024. This report pertains to this phase of the corridor improvements.

Other projects in the area include:

- Colonel Talbot Road from Southdale Road West to James Street is scheduled for a two-lane upgrade in 2023 and will include new active transportation facilities.
- Bostwick Road, from south of the current project to Wharncliffe Road, is considered for upgrades and realignment in 2025 and 2026.
- The Bradley Avenue extension, from Wonderland Road to Bostwick Road is currently scheduled for construction in 2028.

The City has initiated a new Mobility Master Plan which will consider adjustments to the timing of these future growth projects in coordination with the Growth Management Implementation Strategy and creation of the new Development Charges Background Study to inform the 2025 Development Charges Bylaw.

## **2.0 Discussion and Considerations**

### **2.1 Project Description**

Subject to Council approval, the project team will proceed with the detail design of the Southdale Road West and Colonel Talbot Road roundabout, identified as Phase 2 of the EA Improvements. The intersection improvements were identified as a priority in the Smart Moves 2030 Transportation Master Plan (TMP) and the Transportation Development Charge Background Study recommended to construct the subject intersection in the year 2024.

As recommended in the ESR, the Southdale Road West and Colonel Talbot Road intersection will be reconstructed, implementing a two-lane roundabout with centre island landscaping, bike paths, sidewalks, and illumination improvements. The layout of the intersection will be refined during detailed design to address any final grading transitions to adjacent properties. The EA used public consultation to inform the corridor improvement recommendations. The detail design phase will also include communications about the project.

The work will include tendering services for the roundabout, approvals from external agencies, coordination of utility relocations are required, support for property access, preparation of drawings, contract documents and cost estimates for review by City staff.

## **2.2 Construction Considerations**

As per the Development Charges Background Study Update, construction of the Southdale Road West and Colonel Talbot Road intersection is recommended to begin in 2024. The construction of the roundabout at the Southdale Road West and Colonel Talbot Road intersection could be undertaken in one construction season if an early start is achieved (i.e., early April to early December), with the placement of the final lift of asphalt and completion of any remaining minor works in the subsequent construction season.

Coordination with property owners, London Hydro, and regulatory agencies is planned for early in the design process, providing ample time for consultation. Network traffic management and a communications plan will be developed during detailed design to inform road users, outline detours during construction, and instruct local traffic movement. Access to properties will be maintained during construction and disruptions will be coordinated with the Middlesex-London Paramedic Service on Colonel Talbot Road.

## **3.0 Financial Impact/Considerations**

### **3.1 Procurement Process**

AECOM Canada Ltd. was the City's consultant for this project's EA and successfully completed the study. AECOM was selected to undertake the EA after a competitive consultant procurement process in accordance with the Procurement of Goods and Services Policy Section 15.2(e) in which the assignment was publicly advertised and firms were invited to submit detailed proposals.

In 2019, AECOM was awarded the detailed design and tendering assignment for Phase 1, Southdale Road West, from Bostwick Road to Pine Valley Boulevard, in accordance with Section 15.2(g) of the Procurement of Goods and Services Policy. This was due to AECOM's knowledge and experience on similar design projects, combined with the positive performance during the EA.

For this current Phase 2 roundabout assignment, due to the consultant's positive performance on the EA and earlier phases, and their knowledge and understanding of the project, AECOM was invited to submit a proposal to carry out the detailed design and tendering of the roundabout. City staff have reviewed the fee submission in detail, considering the hourly rates provided by each of the Consultant's staff members. City staff have confirmed that hourly rates are consistent with those submitted through the competitive process. City staff also reviewed the time allocated to each project related task. The time allocation is consistent with prior projects of a similar nature that have been awarded through a competitive process.

Given the consultant project team's specific knowledge and understanding of the project, it is recommended, in accordance with Section 15.2(g) of the Procurement of Goods and Services Policy, that AECOM be awarded the consulting assignment for the detailed design and tendering services for roundabout project at Southdale Road West and Colonel Talbot Road intersection.

The continued use of AECOM Canada Ltd. on this project for detail design and tendering services is of financial advantage to the City because 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. AECOM Canada Ltd. is intimately familiar with City staff and procedures through recent work on other multi-disciplinary assignments. Subject to successful completion of the design phase of this project, AECOM may be considered for the construction administration stage.

## **Conclusion**

It is recommended that AECOM Canada Ltd. be awarded the consulting assignment for detailed design and tendering of Southdale Road West and Colonel Talbot Road roundabout project in the amount of \$488,375, excluding HST as it is in the best financial and technical interests of the City.

Improvements to Southdale Road West and Colonel Talbot Road intersection are necessary as planned developments in the vicinity will create growth along the Southdale Road West corridor. Construction of a two-lane roundabout Civic Boulevard Complete Street standard with pedestrian, cycling and transit amenities will ensure the intersection meets the long-term needs of the growing community in southwest London. The improvements will also include centre island landscaping, bike paths, sidewalks, and illumination improvements.

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

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

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

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

**c:** Ian Blevins, AECOM Canada Ltd.  
Michelle Morris, City of London  
Violetta Sypien, City of London