

Report to Civic Works Committee

To: Chair and Members
Civic Works Committee

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

Subject: Oxford Street West Improvements – Environmental
Assessment Study
Appointment of Consulting Engineer

Date: September 13, 2022

Recommendation

That on the recommendation of the Deputy City Manager, Environment and Infrastructure, the following actions **BE TAKEN** with respect to the appointment of a Consulting Engineer for the Oxford Street West Improvements Environmental Assessment Study:

- (a) CIMA Canada Inc. **BE APPOINTED** as the Consulting Engineer to complete the Schedule C Municipal Class Environmental Assessment for the Oxford Street West Improvements at an upset amount of \$549,502.80 (excluding HST) in accordance with RFP 2022-119 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.

Executive Summary

This report recommends the appointment of a consulting engineer to complete the Environmental Assessment (EA) for the Oxford Street West Improvements from Westdel Bourne to Sanitorium Road. The purpose of this EA is to satisfy the requirements of the Environmental Assessment Act by undertaking a comprehensive, environmentally sound planning process with public participation. The process will also facilitate dialogue between parties with different interests and consider other planned future transportation improvements in the area.

Linkage to the Corporate Strategic Plan

The following report supports the Strategic Plan through the focus area of Building a Sustainable City by building new transportation infrastructure to meet the long term needs of our community.

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
- Strategic Priorities and Policy Committee – May 6, 2019 – Approval of 2021 Development Charges By-Law and DC Background Study

2.0 Context

This EA is required to implement mobility improvements for Oxford Street West from Westdel Bourne to Sanitorium Road. Widening of this corridor from two to four through lanes was identified as part of the 2021 update of the City of London's Development Charges Background Study and in the 2030 Transportation Master Plan. Oxford Street West was also reviewed as part of the City's Cycling Master Plan with further recommendations to extend active transportation infrastructure in support of the City's vision for a comprehensive, city-wide cycling network. Due to increasing vehicular traffic volumes on Oxford Street West, particularly from ongoing development in the area, traffic congestion and operational issues can be experienced during certain times of the day. Collision data also identifies the need to review the safety of the intersections as well as accesses along the corridor. The EA is being initiated now to accommodate project timelines including identification of property needs and utility relocations.

The EA will identify the needs and balance the requirements of the full range of potential users within the community including users of all ages and abilities, pedestrians, cyclists, transit vehicles and motorists. The EA will also consider the impacts associated with climate change in the context of the proposed improvements.

3.0 Discussion and Considerations

3.1 Project Description

The study area for this EA will include Oxford Street West from Westdel Bourne to Sanitorium Road, with improvements to the intersections and accesses along the corridor as shown on the Figure 1 below. The westerly limits of the study area will coordinate with the easterly limits of the recently completed Oxford Street West and Gideon Drive Intersection EA. This will ensure continuity of the future improvements along the Oxford Street West corridor from Gideon Drive to Sanatorium Road.

Oxford Street West from Westdel Bourne to Sanitorium Road is an Urban Thoroughfare with daily traffic volumes ranging from 11,000 to over 20,500 vehicles per day. It intersects with several Civic Boulevards and Neighbourhood Connectors in the study area.

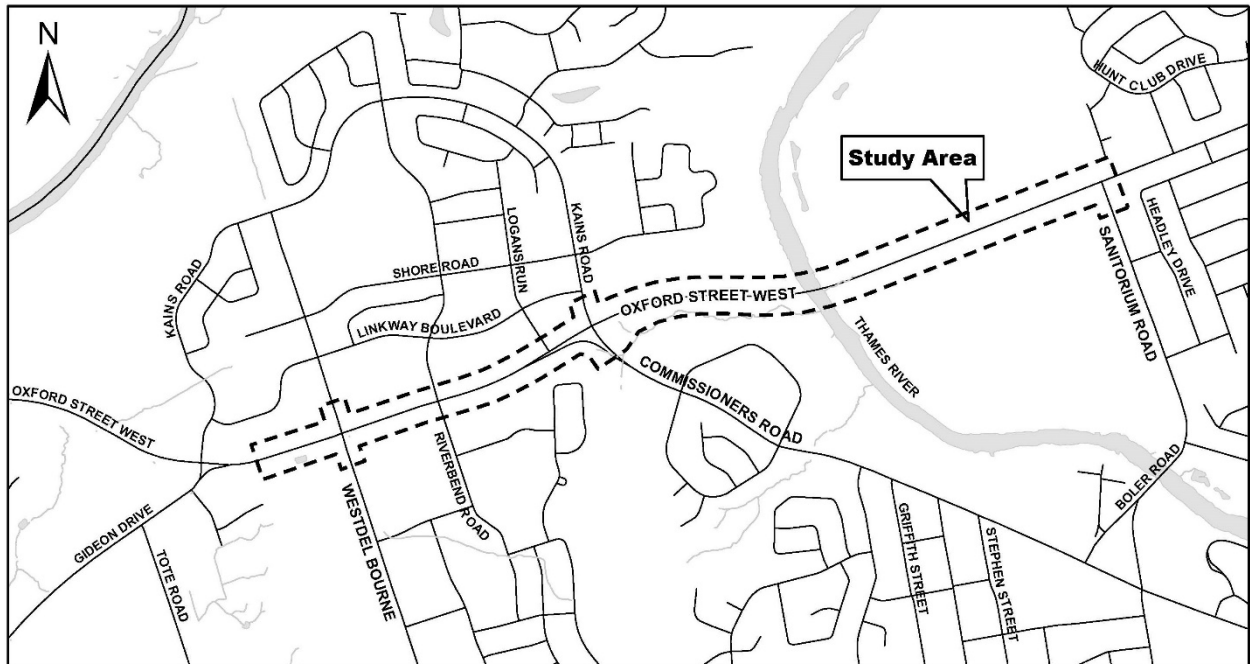


Figure 1 – Environmental Assessment Study Area

This EA will explore various road and intersection improvement design alternatives and develop a functional plan for the preferred design. The alternatives will be evaluated using a range of criteria including impacts on the natural, social, cultural, and economic environments and will be informed by consultation. The EA will also utilize the Transportation Planning and Design Climate Lens Screening Tool. Signalized and roundabout alternatives will be considered and will have regard for the evolving needs due to private development, geometry, and location of the major intersections. Support of safe cyclist and pedestrian movement with consideration to connectivity to existing facilities will be established. The need for widening through the bridge section on Oxford Street West to accommodate active transportation will be evaluated based on the traffic capacity, structural constraints, and environmental considerations.

The EA study will also:

- Recommend future improvements for the corridor and intersections that will address deficiencies, accommodate increased traffic demand, improve safety, and provide the best value
- Develop a functional design concept that considers urban design and aesthetics
- Engage the public and stakeholders to allow public input and active involvement throughout the study process
- Determine the right-of-way and property requirements
- Coordinate underground service needs
- Coordinate with other ongoing EAs, projects, studies
- Assess and document the ecological and natural features within the corridor and identify any mitigation measures
- Establish and prioritize critical communications with First Nations and ensure proper evaluation of all known and potential cultural heritage resources within and adjacent to the study area is undertaken; and,
- Document in a clear and transparent manner the process undertaken and provide formal documentation.

3.2 Consultant Procurement Process

The consultant selection process for this EA Study (RFP 2022-119) has been initiated 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 comprised of five engineering consulting firms was developed and these consultants were invited to submit detailed proposals and work plans. Proposals were received from four out of five consultants: Associated Engineering (Ont.) Ltd., CIMA Canada Inc., IBI Group Professional Services (Canada) Inc., and R.V. Anderson Associates Limited on July 19, 2022. The selection committee evaluated the proposals against an established evaluation criteria which included an understanding of project objectives, methodology, approach, schedule, team member's qualifications and experience on directly related projects.

The evaluation committee determined that the submission from CIMA Canada Inc. provides the best value. CIMA Canada Inc. 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

The CIMA Canada Inc. proposal has demonstrated a comprehensive understanding of the requirements for this project. Based on the competitive consultant procurement process, it is recommended that CIMA Canada Inc. be appointed to undertake the environmental assessment study for the Oxford Street West Improvements in the amount of \$549,502.80 (excluding HST).

There are no anticipated additional annual operating costs 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

cc: John Freeman, Manager, Purchasing and Supply
Fabio Rueda, Procurement Officer, Purchasing and Supply
Gary McDonald, Budget Analyst
CIMA Canada Inc.

Appendix "A"

#22127

September 13, 2022

(Appoint Consulting Engineer)

Chair and Members

Civic Works Committee

RE: Oxford Street West Improvements - Environmental Assessment Study

(Subledger RD220012)

Capital Project TS1472 - Oxford Street West - Sanitorium Rd to Commissioners Rd

Capital Project TS1472-2 - Oxford St West Widening - Commissioners Road to Westdel Bourne

CIMA Canada Inc. - \$549,502.80 (excluding HST)

Finance Supports Report on the Sources of Financing:

Finance Supports confirms that the cost of this project cannot be accommodated within the financing available for it in the Capital Budget, but can be accommodated by advancing financing in the forecasted 2028 capital budget and that, subject to the execution of the recommendation of the Deputy City Manager, Environment and Infrastructure, the detailed source of financing for this project is:

Estimated Expenditures	Approved Budget	Advanced Financing (Note 1)	Revised Budget	Committed To Date	This Submission	Balance for Future Work
TS1472 - Oxford Street West - Sanitorium Rd to Commissioners Rd						
Engineering	0	356,160	356,160	0	356,160	0
TS1472-2 - Oxford St West Widening - Commissioners Road to Westdel Bourne						
Engineering	400,000	0	400,000	0	203,014	196,986
Total Expenditures	\$400,000	\$356,160	\$756,160	\$0	\$559,174	\$196,986

Sources of Financing

TS1472 - Oxford Street West - Sanitorium Rd to Commissioners Rd

Debenture (Note 2a)	0	30,630	30,630	0	30,630	0
Drawdown from City Services - Roads Reserve Fund (Development Charges) (Note 3)	0	325,530	325,530	0	325,530	0
TS1472 Total	0	356,160	356,160	0	356,160	0

TS1472-2 - Oxford St West Widening - Commissioners Road to Westdel Bourne

Debenture (Note 2b)	32,000	0	32,000	0	16,241	15,759
Drawdown from City Services - Roads Reserve Fund (Development Charges) (Note 3)	368,000	0	368,000	0	186,773	181,227
TS1472-2 Total	400,000	0	400,000	0	203,014	196,986
Total Financing	\$400,000	\$356,160	\$756,160	\$0	\$559,174	\$196,986

Financial Note:

	TS1472	TS1472-2	Total
Contract Price	\$350,000	\$199,503	\$549,503
Add: HST @13%	45,500	25,935	\$71,435
Total Contract Price Including Taxes	395,500	225,438	\$620,938
Less: HST Rebate	-39,340	-22,424	-\$61,764
Net Contract Price	\$356,160	\$203,014	\$559,174

Note 1: The engineering budget for this contract in Capital Project TS1472 - Oxford Street West - Sanitorium Rd to Commissioners Rd is included in the 2028 forecasted budget. A portion of this budget (\$356,160) is required in 2022 and can be accommodated by advancing a portion of the 2028 budget. Upon execution of the recommendation of the Deputy City Manager, Environment and Infrastructure, the 2028 forecasted budget will be adjusted.

Note 2: Note to City Clerk: 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 by-laws.

a. An authorizing by-law should be drafted to secure debenture financing for project TS1472 - Oxford Street West - Sanitorium Rd to Commissioners Rd for the net amount to be debentured of \$30,630.

b. An authorizing by-law should be drafted to secure debenture financing for project TS1472-2 - Oxford Street West Widening- Commissioners Rd to Westdel Bourne for the net amount to be debentured of \$32,000.

Note 3: Development Charges have been utilized in accordance with the underlying legislation and the approved 2019 Development Charges Background Study and the 2021 Development Charges Background Study Update.

Kyle Murray

Director, Financial Planning & Business Support

km/lp