

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: Oxford Street West and Gideon Drive Intersection
Improvements: Appointment of Consulting Engineer

Date: April 12, 2023

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 the Oxford Street West and Gideon Drive intersection improvements:

- (a) R.V. Anderson Associates Limited **BE APPOINTED** as the consulting engineer to complete the detailed design and tendering services at an upset amount of \$488,901, excluding HST;
- (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
- Strategic Priorities and Policy Committee – May 6, 2019 – Approval of 2019 Development Charges By-Law and DC Background Study
- Civic Works Committee – January 19, 2021 - Oxford Street West and Gideon Drive Intersection Improvements Environmental Assessment Study Appointment of Consulting Engineer

- Civic Works Committee – May 10, 2022 – Oxford Street West and Gideon Drive Intersection Improvements - Environmental Assessment Project File Report

2.0 Context

The purpose of this report is to recommend the appointment of a consulting engineer to undertake the detail design and tendering support required for improvements to the Oxford Street West and Gideon Drive intersection.

In 2022, the City of London completed a Schedule 'B' Municipal Class Environmental Assessment (EA) study to identify the long-term preferred solution for improvements to this intersection. The EA recommended a multi-lane roundabout to address traffic capacity needs, improve safety and facilitate active transportation connectivity while minimizing the potential impact to the natural environment.

The project location is in the west area of the City of London, as shown in Figure 1.

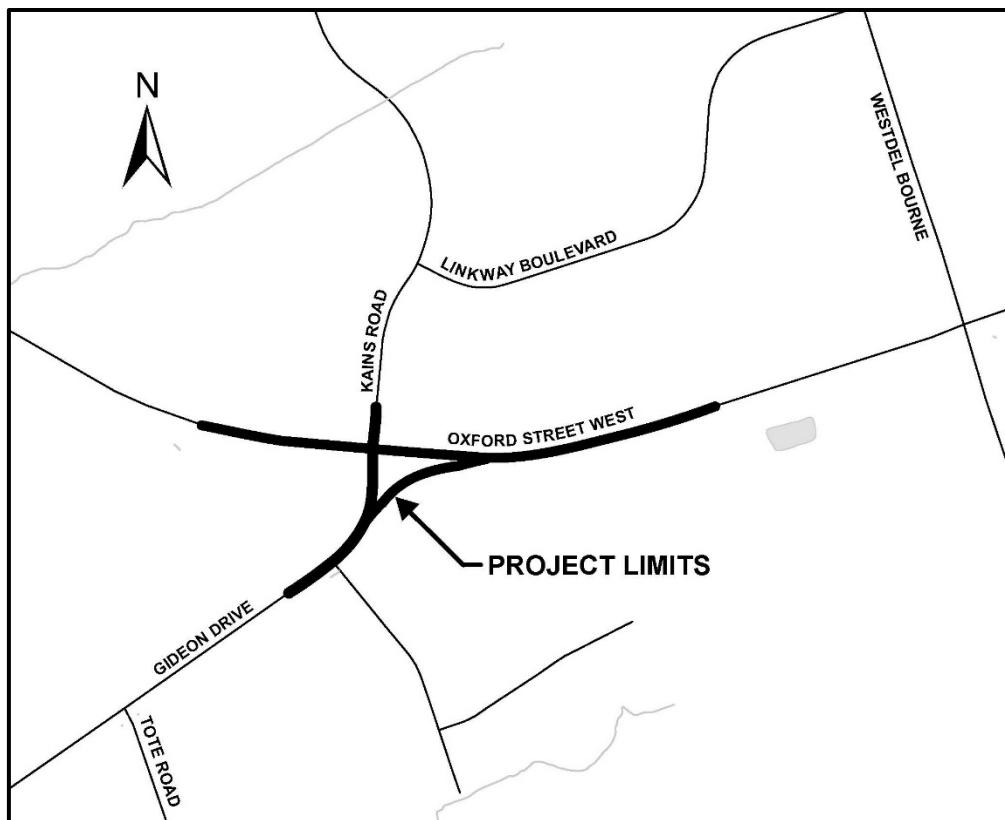


Figure 1: Project Location

3.0 Discussion and Considerations

3.1 Project Background

The Oxford Street West and Gideon Drive intersection is currently a stop-controlled intersection with some restricted turning movements. Oxford Street West is classified as an Urban Thoroughfare with an average daily traffic volume of 15,500 to 18,500 vehicles per day. Gideon Drive is classified as a Rural Thoroughfare and accommodates over 2,500 vehicles in a typical day. Oxford Street is a major east-west corridor connecting surrounding areas west of the city to the downtown core, Fanshawe College and the London International Airport. The ongoing and future developments in west London and beyond the city limits are anticipated to increase the traffic demands at this intersection. The proposed roundabout will improve safety at this intersection as the area grows.

In addition to consideration of climate change during the EA study, the Climate Emergency Screening Tool (CEST) had been applied to this project and highlighted the importance of providing better connectivity and new walking and cycling infrastructure in this area.

3.2 Timing Considerations

As per the Development Charges Background Study, construction of the project is recommended to begin in 2024, subject to all final approvals. It is anticipated that it will be undertaken in one construction season with some minor works in the subsequent construction season.

Coordination with adjacent projects, property owners, London Hydro, and regulatory agencies is planned early in the design process. Network traffic management and a communications plan will be developed during detailed design to inform road users, outline detours during potential closures, and instruct local traffic movement.

3.3 Consultant Procurement Process

The Consultant selection process for this assignment has been undertaken in accordance with Section 15.2 (g) of the City's Procurement of Goods and Services Policy.

R.V. Anderson Associates Limited was appointed the consulting engineer for the EA phase of the project after a two stage procurement process. The first stage was an open, publicly advertised pre-qualification process followed by a request for proposals from three short-listed engineering consulting firms. R.V. Anderson has completed the EA study for this project successfully. Due to the consultant's performance, knowledge and understanding of the project, they were invited to submit a proposal to carry out the subsequent detailed design and tendering phase of the project. City staff have reviewed the proposal, including the financial and technical components, and confirmed that it addresses the required scope of work and provides good value for the city. The submitted fees are consistent with the earlier project phase and other similar projects. The consultant will be considered for the future project phase subject to performance.

Conclusion

Improvements to the Oxford Street West and Gideon Drive intersection are required to accommodate growth in the area. The new multi-lane roundabout will provide additional capacity, new active transportation infrastructure, improved connectivity and enhanced safety.

R.V. Anderson Associates Limited has demonstrated an understanding of the city's requirements for this phase of the project, and it is recommended that this firm continue as the consulting engineer for the purpose of detail design and tendering as it is in the best financial and technical interests of the City.

It is recommended that R.V. Anderson Associates Limited be appointed to undertake the detail design and tendering for the Oxford Street and Gideon Drive intersection improvements in the amount of \$488,901 (excluding HST) in accordance with Section 15.2 (g) of the City of London's Procurement of Goods and Services Policy.

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

cc: Henry Huotari, R.V. Anderson Associates Limited
Paul Yanchuk, City of London
Erik Guil, City of London

Appendix "A"

#23066

April 12, 2023

(Appoint Consulting Engineer)

Chair and Members
Civic Works Committee

RE: Oxford Street West and Gideon Drive Intersection Improvements
(Subledger RD200016)
Capital Project TS1332 - Intersection - Oxford - Gideon (Roundabout)
R.V. Anderson Associates Limited - \$488,901.00 (excluding HST)

Finance Supports Report on the Sources of Financing:

Finance Supports confirms that the cost of this project can be accommodated within the financing available for it in the Capital Budget and that, subject to the approval of the recommendation of the Deputy City Manager, Environment and Infrastructure, the detailed source of financing is:

Estimated Expenditures	Approved Budget	Committed To This Date	This Submission	Balance for Future Work
Engineering	700,000	177,542	497,506	24,952
Utilities	273,679	0	0	273,679
City Related Expenses	1,199	1,199	0	0
Total Expenditures	\$974,878	\$178,741	\$497,506	\$298,631

Sources of Financing

Debenture By-law No. W.-5671-65 (Note 1)	121,860	22,343	62,188	37,329
Drawdown from City Services - Roads Reserve Fund (Development Charges) (Note 2)	853,018	156,398	435,318	261,302
Total Financing	\$974,878	\$178,741	\$497,506	\$298,631

Financial Note:

Contract Price	\$488,901
Add: HST @13%	63,557
Total Contract Price Including Taxes	552,458
Less: HST Rebate	-54,952
Net Contract Price	<u>\$497,506</u>

Note 1: Note to City Clerk: The City Clerk be authorized to increase Debenture By-law No. W.-5671-65 by \$99,667 from \$22,193 to \$121,860.

Note 2: 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.

Jason Davies
Manager of Financial Planning & Policy

jg