

Report to Civic Works Committee

To: Chair and Members
Civic Works Committee

From: Kelly Scherr, P.Eng., MBA, FEC, Managing Director,
Environmental & Engineering Services and City Engineer

Subject: Oxford Street West and Gideon Drive Intersection
Improvements Environmental Assessment Study
Appointment of Consulting Engineer

Date: January 19, 2021

Recommendation

That on the recommendation of the Managing Director, Environmental & Engineering Services and City Engineer the following actions **BE TAKEN** with respect to the appointment of a Consulting Engineer for the Oxford Street West and Gideon Drive Intersection Improvements Environmental Assessment Study:

- (a) R.V. Anderson Associates Limited **BE APPOINTED** as a Consulting Engineer to complete the Schedule 'B' Municipal Class Environmental Assessment for the Oxford Street West and Gideon Drive Intersection Improvements at an upset amount of \$174,471 (excluding HST) in accordance with RFP20-56 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 and Gideon Drive intersection improvements. 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 number of different interests and consider other planned future transportation improvements in the area.

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 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 2019 Development Charges By-Law and DC Background Study

2.0 Context

This EA is required to implement transportation infrastructure improvements for the Oxford Street West and Gideon Drive intersection. The need for the intersection improvement was identified as part of the recent update of the City of London's Development Charges Background Study and in the Transportation Impact Assessment conducted for the Eagle Ridge subdivision. It is recommended to implement the improvements for the Oxford Street West and Gideon Drive intersection in 2024. 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 the Oxford Street West and Gideon Drive intersection and surrounding area as shown on the Figure 1 below. The Oxford Street West and Gideon Drive intersection was previously a three-leg stop controlled intersection with a long high speed right-turn ramp located on the west side of the city. Kains Road, and a multi-use path is a new fourth leg for this intersection that is being constructed as part of the Eagle Ridge Phase 2 residential development north of the intersection. Oxford Street West and Gideon Drive are classified as Urban and Rural Thoroughfares respectively. Gideon Drive carries approximately 2,500 vehicles per day and Oxford Street West carries approximately 18,500 and 15,500 vehicles per day east and west of the intersection respectively.

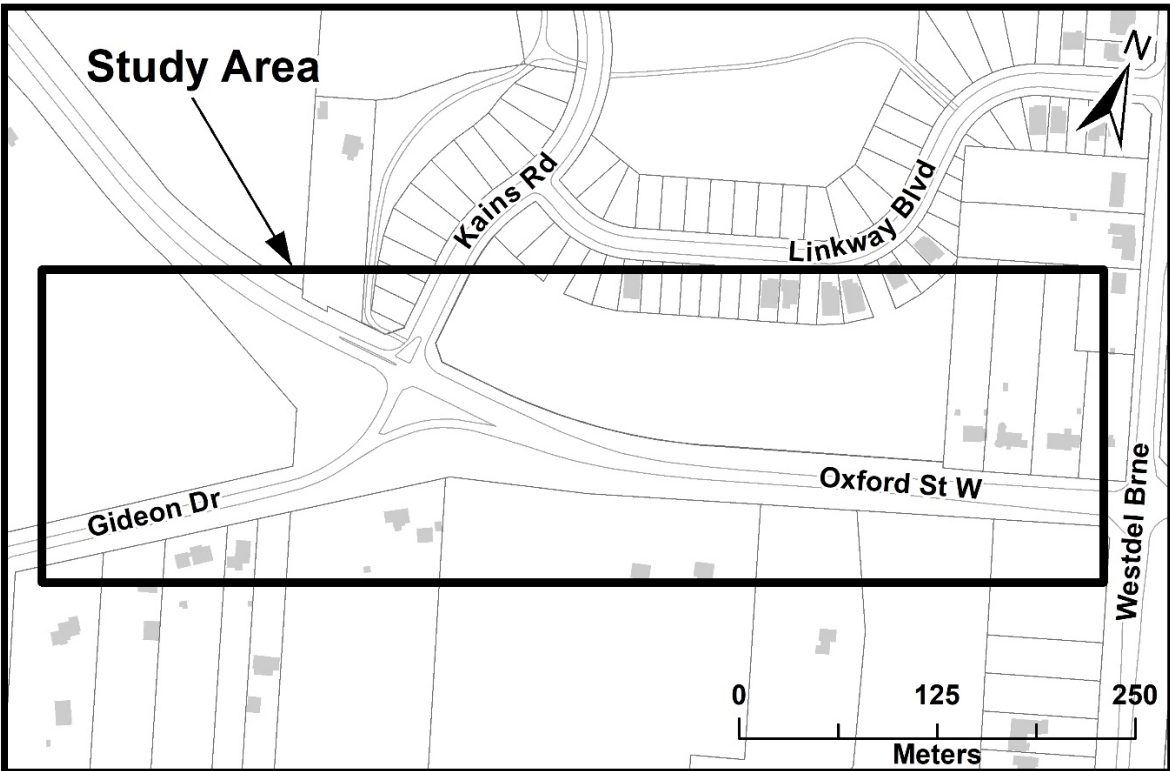


Figure 1. Environmental Assessment Study Area

This EA will explore various 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. Signalized and roundabout alternatives will be considered and will have regard for the evolving needs due to development, unique geometry and location of the intersection.

The EA study will also:

- Recommend the improvements for the Oxford Street West and Gideon Drive intersection that will address deficiencies, accommodate increased traffic demand, improve safety, and provide the best value for the City;
- 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; and,
- Assess and document the ecological and natural features within the corridor and identify any mitigation measures.

Document in a clear and transparent manner the process undertaken and provide formal documentation and presentations.

3.2 Consultant Procurement Process

The consultant selection process for this EA Study (RFP 20-56) 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 of three engineering consulting firms was developed and these consultants were invited to submit detailed proposals and work plans. Proposals were received from two consultants, R.V. Anderson and Wood Canada Ltd on October 20, 2020. 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 evaluation committee determined that the submission from R.V. Anderson Associates Limited provides the best value for the City. R.V. Anderson Associates Limited 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 R.V. Anderson Associates Limited proposal has demonstrated a comprehensive understanding of the requirements for this project. Based on the competitive consultant procurement process, it is recommended that R.V. Anderson Associates Limited be appointed to undertake the environmental assessment study for the Oxford Street West and Gideon Drive intersection improvements in the amount of \$174,471.00 (excluding HST).

There are no anticipated additional annual operating costs to the Environmental and Engineering Services Department 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, Roads and Transportation

Recommended by: Kelly Scherr, P.Eng., MBA, FEC, Managing Director Environmental and Engineering Services and City Engineer

Attach: Appendix A: Source of Financing

cc: John Freeman, Manager, Purchasing and Supply
John Stevely, Procurement Officer, Purchasing and Supply
Gary McDonald, Budget Analyst
R.V. Anderson Associates Limited

Appendix "A"

#21001

January 19, 2021

(Appoint Consulting Engineers)

Chair and Members

Civic Works Committee

RE: Appointment of Consulting Engineer - Oxford Street West & Gideon Drive Intersection Improvements Environmental Assessment Study

(Subledger RD200016)

Capital Project TS1332 - Intersection - Oxford/Gideon (Roundabout)

R.V. Anderson Associates Limited - \$174,471.00 (excluding H.S.T.)

Finance & Corporate Services Report on the Sources of Financing:

Finance & Corporate Services 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 recommendations of the Managing Director of Environmental and Engineering Services and City Engineer, the detailed source of financing for this project is:

	Approved Budget	Revised Budget	This Submission
Estimated Expenditures			
Engineering	\$0	\$177,541	\$177,541
Total Expenditures	\$0	\$177,541	\$177,541
Sources of Financing			
Debenture Quota (note 1 and 2)	\$0	\$22,193	\$22,193
Drawdown from City Services - Roads Reserve Fund (Development Charges) (note 2 and 3)	0	155,348	155,348
TOTAL FINANCING	\$0	\$177,541	\$177,541
Financial Note:			
Contract Price	\$174,471		
Add: HST @13%	22,681		
Total Contract Price Including Taxes	197,152		
Less: HST Rebate	-19,611		
Net Contract Price	\$177,541		

Note 1: The required funding for Capital Project TS1332 - Intersection - Oxford/Gideon (Roundabout) is included in the 2022 approved budget. A portion of this budget (\$177,541) is required in 2021 and can be accommodated by advancing a portion of the 2022 budget. Upon Council approval of this recommendation, the 2022 approved budget for project TS1332 will be revised accordingly.

Note 2: Development charges have been utilized in accordance with the underlying legislation and the approved 2021 Development Charges Background Study Update.

Note 3: 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.

An authorizing by-law should be drafted to secure debenture financing for project TS1332 - Intersection - Oxford/Gideon (Roundabout) for the net amount to be debentured of \$22,193.

Kyle Murray

Director, Financial Planning & Business Support

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