

## 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:** Appointment of Consulting Engineers for the Infrastructure  
Renewal Program: Round 2

**Date:** June 11, 2024

## Recommendation

That on the recommendation of the Deputy City Manager, Environment and Infrastructure, the following actions **BE TAKEN** with respect to the appointment of consulting engineers:

- (a) The following consulting engineers **BE APPOINTED** to carry out consulting services for the identified projects, at the upset amounts identified below, in accordance with the estimate on file, and in accordance with Section 15.2(e) of the City of London's Procurement of Goods and Services Policy:
  - (i) GM BluePlan Engineering Limited **BE APPOINTED** consulting engineers to complete the pre-design, detailed design and construction administration for sanitary sewer infrastructure upsizing on Second Street, from Oxford Street to Pottersburg Creek, in the total amount of \$412,379.00 (including contingency), excluding HST;
  - (ii) AECOM Canada Ltd. **BE APPOINTED** consulting engineers to complete the Downtown Core Area Sanitary Infrastructure Assessment Study, in the total amount of \$124,607.00 (including contingency), excluding HST;
- (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 approval given, herein, **BE CONDITIONAL** upon the Corporation entering into a formal contract; and
- (e) the Mayor and City Clerk **BE AUTHORIZED** to execute any contract or other documents, if required, to give effect to these recommendations.

## Executive Summary

This report recommends the award of engineering consultant appointments to undertake work involving sanitary sewer infrastructure. These consultant appointments will lead to a sanitary sewer infrastructure upsizing construction project on Second Street, and a study which will provide forward guidance on future growth and capacity improvement strategies to service development and population growth in the downtown core area.

## Linkage to the Corporate Strategic Plan

This recommendation supports the following 2023-2027 Strategic Plan areas of focus:

- Mobility and Transportation:
  - Londoners can move around the city safely and easily in a manner that meets their needs by incorporating cycling infrastructure and safety enhancements.
- Climate Action and Sustainable Growth:
  - The infrastructure gap is managed for all assets; and

- London's infrastructure is built, maintained, and secured to support future growth and protect the environment;

## **Analysis**

### **1.0 Background Information**

#### **1.1 Previous Reports Related to this Matter**

- CWC – May 28, 2018 – Revised Grouped Consultant Selection Process.

### **2.0 Discussion and Considerations**

#### **2.1 Work Description**

This report recommends the appointment of engineering consultants for two engineering assignments, as detailed below.

##### **2.1.1 Second Street Sanitary Sewer Upsizing Project**

The project on Second Street will increase sanitary sewer capacity to accommodate near term and future development growth along the Oxford Street corridor. Improvements to cycling infrastructure needs at the CN railway crossing are also being coordinated through the project. The existing watermain and storm sewers are intended to remain. The project limits are provided within Appendix 'B' – Location Map. The consultant will evaluate the capacity of the sanitary sewer system throughout the project limits, and will identify which sections of the sanitary sewer infrastructure along Second Street require upsizing to accommodate growth. The subsequent engineering design/tender work and construction administration will undertake the identified sanitary sewer upsizings. Construction is anticipated for 2025.

It is noted that the City is currently undertaking construction of an Infrastructure Renewal project immediately south of the project limits on Second Street, including a new sanitary sewer crossing of Pottersburg Creek. The sanitary sewer infrastructure on Second Street being installed through the current 2024 construction project has been proactively upsized in anticipation of an increase in sanitary sewer flow.

##### **2.1.2 Downtown Core Area Sanitary Infrastructure Assessment Study**

The Downtown Core Area Sanitary Infrastructure Assessment Study will review sanitary infrastructure capacity utilizing proposed increased population densities and recommend future projects to accommodate growth. The study is being undertaken to support the current process of preparing a new comprehensive (ReThink Zoning) future zoning by-law for the City of London and to the core area of downtown London.

This study will assess the sanitary infrastructure and will identify capacity improvement strategies associated with the infill and development intensification anticipated in London's downtown as well as to assess the rated capacity of the Greenway Wastewater Treatment Plant (WWTP) to handle future growth of the downtown.

The findings of this study will be used for infrastructure planning, policy, and budgeting purposes. The consultant will identify opportunities to create capacity improvements to support development intensification as well as provide short-term solution options for accommodating future developments within a five to ten year timeframe.

### **3.0 Financial Impact/Considerations**

#### **3.1 Project Funding Summary**

Funds for the two projects identified have been budgeted to support the engineering work as shown in Appendix 'A' – Sources of Financing. It is noted that the Second Street project is identified as an eligible project for funding from the Housing Accelerator Fund (HAF). The fees for the new projects, recommended for approval in this

report, are summarized in Table 1 below. All values below include 10% contingency and exclude HST.

Table 1: Summary of Project Assignment Fees

Street(s)	Consultant	Design Fee	Construction Administration Fee	Total Fee
Second Street Sanitary Sewer Upsizing Project	GM BluePlan Engineering Limited	\$209,682.00	\$202,697.00	\$412,379.00
Downtown Core Area Sanitary Infrastructure Assessment	AECOM Canada Ltd.	\$124,607.00	NA	\$124,607.00

### 3.2 Procurement Process

The engineering consultant selection procedure for the Infrastructure Renewal Program utilized a grouped consultant selection process developed in partnership with the Financial Services - Purchasing and Supply Division, subsequently approved by Council June 12, 2018 and is used for all Infrastructure Renewal Program consultant appointments. This two-stage grouped procurement process is in accordance with Section 15.2(e) of the Procurement of Goods and Services Policy.

The first stage of the process is an open, publicly advertised Request for Qualifications. Statement of Qualifications submissions were received from a province wide group of nineteen prospective consultants. The Statement of Qualifications were evaluated by the Environmental Engineering Services Department resulting in a short-list group of eleven engineering consulting firms.

The second stage of the process is a competitive Request for Proposal. Consultants from the short listed group are invited to submit a formal proposal to undertake a specific engineering assignment. Three consultants were invited to submit a proposal for each of the identified project assignments.

An evaluation of the proposals was undertaken by the Environment and Infrastructure Department including both a technical and cost component. Engineering consultants are recommended based on their knowledge and understanding of project goals, their experience on directly related projects, their project team members, capacity and qualifications, and overall project fee.

## Conclusion

The projects discussed within this report have been identified as high priority for meeting near term and future growth and development needs.

All the firms recommended through this engineering consultant appointment have shown their competency and expertise with infrastructure projects of this type.

**Prepared by:** Kyle Chambers, P.Eng.  
Division Manager, Sewer Engineering

**Submitted by:** Ashley Rammeloo, MMSc, P.Eng.  
Director, Water, Wastewater, and Stormwater

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

cc: D. Gough.

Appendix 'A' – Sources of Financing

Appendix 'B' – Location Map

**Appendix "A"**

#24110  
June 11, 2024  
(Appoint Consulting Engineers)

Chair and Members  
Civic Works Committee

RE: Infrastructure Renewal Program: Round 2  
Capital Project ES241424 - Infrastructure Renewal Program - Sanitary Sewers  
Capital Project ESHAF001 - HAF Infrastructure Renewal - Second Street  
GM BluePlan Engineering Limited - \$412,379.00 (excluding HST) (Subledger WS25C001)  
AECOM Canada Ltd. - \$124,607.00 (excluding HST) (Subledger NT24ES07)

**Finance Supports Report on the Sources of Financing:**

Finance Supports confirms that the cost of this purchase 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:

<b>Estimated Expenditures</b>	<b>Approved Budget</b>	<b>Committed To Date</b>	<b>This Submission</b>	<b>Balance for Future Work</b>
<b>ES241424 - Infrastructure Renewal Program - Sanitary Sewers</b>				
Engineering	2,000,000	947,844	126,800	925,356
Construction	13,445,971	5,012,268	0	8,433,703
City Related Expenses	25,000	3,333	0	21,667
<b>ES241424 Total</b>	<b>15,470,971</b>	<b>5,963,445</b>	<b>126,800</b>	<b>9,380,726</b>
<b>ESHAF001 - HAF - Infrastructure Renewal - Second Street</b>				
Engineering	419,637	0	213,373	206,264
Construction	1,500,000	0	206,265	1,293,735
<b>ESHAF001 Total</b>	<b>1,919,637</b>	<b>0</b>	<b>419,638</b>	<b>1,499,999</b>
<b>Total Expenditures</b>	<b>\$17,390,608</b>	<b>\$5,963,445</b>	<b>\$546,438</b>	<b>\$10,880,725</b>

**Sources of Financing**

<b>ES241424 - Infrastructure Renewal Program - Sanitary Sewers</b>				
Capital Sewer Rates	2,500,250	2,500,250	0	0
Drawdown from Sewage Works Renewal Reserve Fund	10,720,721	1,213,195	126,800	9,380,726
Canada Community-Building Fund	2,250,000	2,250,000	0	0
<b>ES241424 Total</b>	<b>15,470,971</b>	<b>5,963,445</b>	<b>126,800</b>	<b>9,380,726</b>
<b>ESHAF001 - HAF - Infrastructure Renewal - Second Street</b>				
Other Federal Grants- Housing Accelerator Fund (Note 1)	1,919,637	0	419,638	1,499,999
<b>ESHAF001 Total</b>	<b>1,919,637</b>	<b>0</b>	<b>419,638</b>	<b>1,499,999</b>
<b>Total Financing</b>	<b>\$17,390,608</b>	<b>\$5,963,445</b>	<b>\$546,438</b>	<b>\$10,880,725</b>

<b>Financial Note</b>	<b>GM BluePlan Engineering</b>	<b>GM BluePlan Construction</b>	<b>GM Blue Plan Total</b>	<b>AECOM</b>
Contract Price	\$209,682	\$202,697	\$412,379	\$124,607
Add: HST @13%	27,259	26,351	53,610	16,199
Total Contract Price Including Taxes	236,941	229,048	465,989	140,806
Less: HST Rebate	-23,568	-22,783	-46,351	-14,006
Net Contract Price	\$213,373	\$206,265	\$419,638	\$126,800

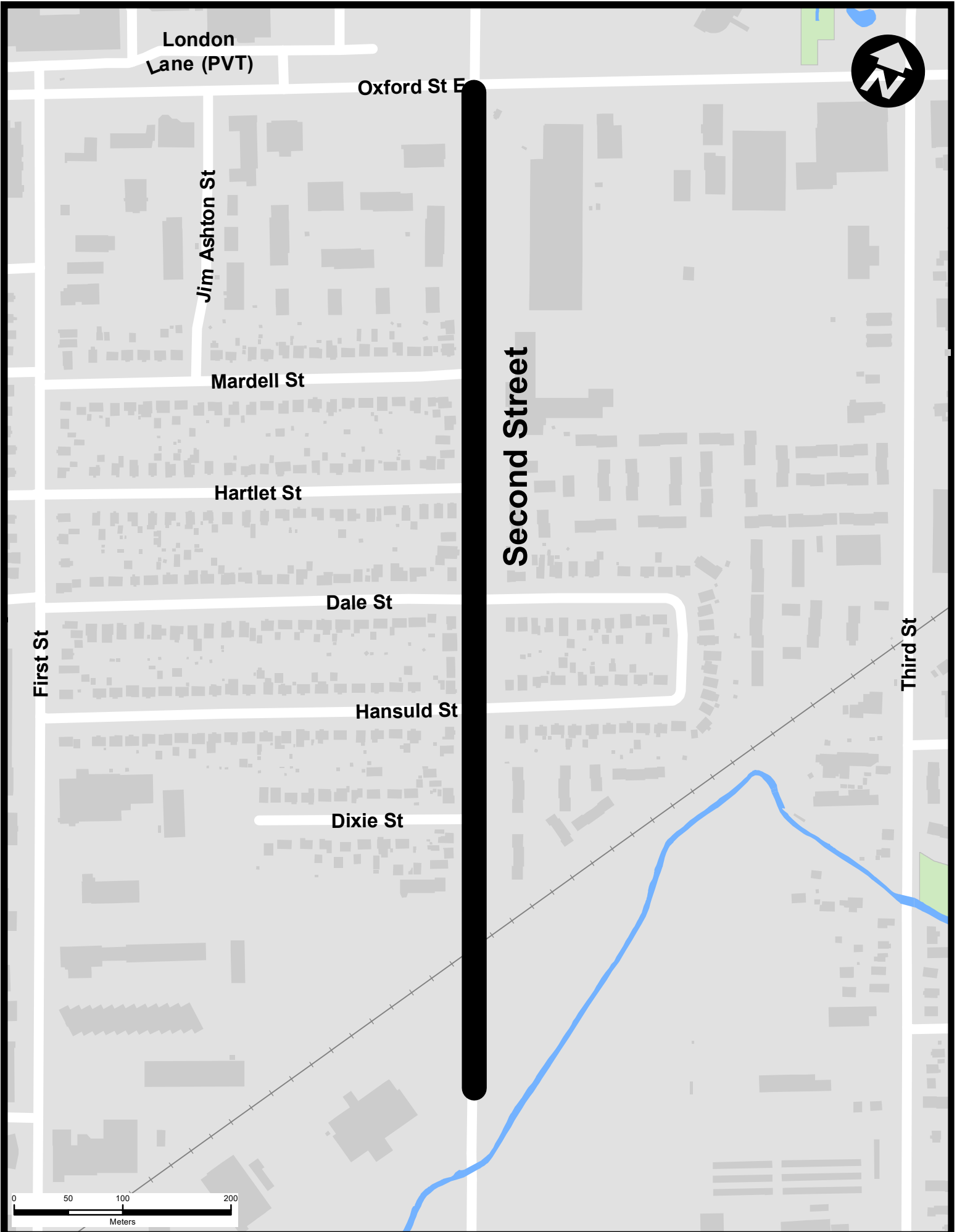
<b>Financial Note (continued)</b>	<b>Grand Total</b>
Contract Price	\$536,986
Add: HST @13%	69,809
Total Contract Price Including Taxes	606,795
Less: HST Rebate	-60,357
Net Contract Price	\$546,438

**Note 1:** Project ESHAF001 - Infrastructure Renewal - Second Street is funded from the Housing Accelerator Fund (HAF). The City of London received \$74.1 million from the Federal government through HAF that can be applied to infrastructure that supports new housing.

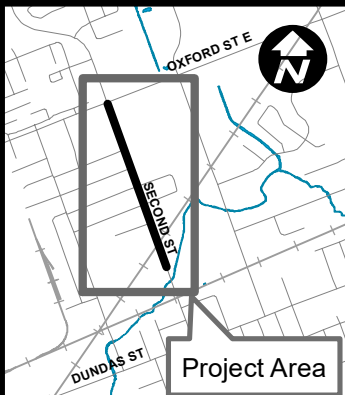
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Jason Davies  
Manager of Financial Planning & Policy

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APPENDIX 'B'




LOCATION MAP



**2025 Sanitary Sewer Infrastructure Upsizing Project**

Second Street from Oxford Street East to north of Pottersburg Creek

 Approximate Project Limits

Map Produced by  
the Sewer  
Engineering  
Division  
May 15, 2024 CM



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