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<b>TO:</b>	<b>CHAIR AND MEMBERS CIVIC WORKS COMMITTEE MEETING ON DECEMBER 1, 2015</b>
<b>FROM:</b>	<b>JOHN BRAAM, P.ENG. MANAGING DIRECTOR, ENVIRONMENTAL &amp; ENGINEERING SERVICES AND CITY ENGINEER</b>
<b>SUBJECT:</b>	<b>BRADLEY AVENUE WEST EXTENSION WHARNCLIFFE ROAD SOUTH TO WONDERLAND ROAD SOUTH DETAILED DESIGN APPOINTMENT OF CONSULTING ENGINEER</b>

<b>RECOMMENDATION</b>
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That on the recommendation of the Managing Director, Environmental & Engineering Services and City Engineer, the following actions **BE TAKEN** with respect to the Bradley Avenue Extension from Wharncliffe Road South to Wonderland Road South:

- (a) Archibald, Gray & McKay Engineering Ltd. **BE APPOINTED** Consulting Engineers to complete the detailed design of the said project in the amount of \$364,452 (excluding H.S.T.), in accordance with Section 15.2 (e) 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 City Clerk **BE AUTHORIZED** to execute any contract or other documents, if required, to give effect to these recommendations.

<b>PREVIOUS REPORTS PERTINENT TO THIS MATTER</b>
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- Environment and Transportation Committee - August, 22, 2005 - Bradley Avenue Extension, White Oak Road to Bostwick Road - Environmental Study Report

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**2015-19 STRATEGIC PLAN**

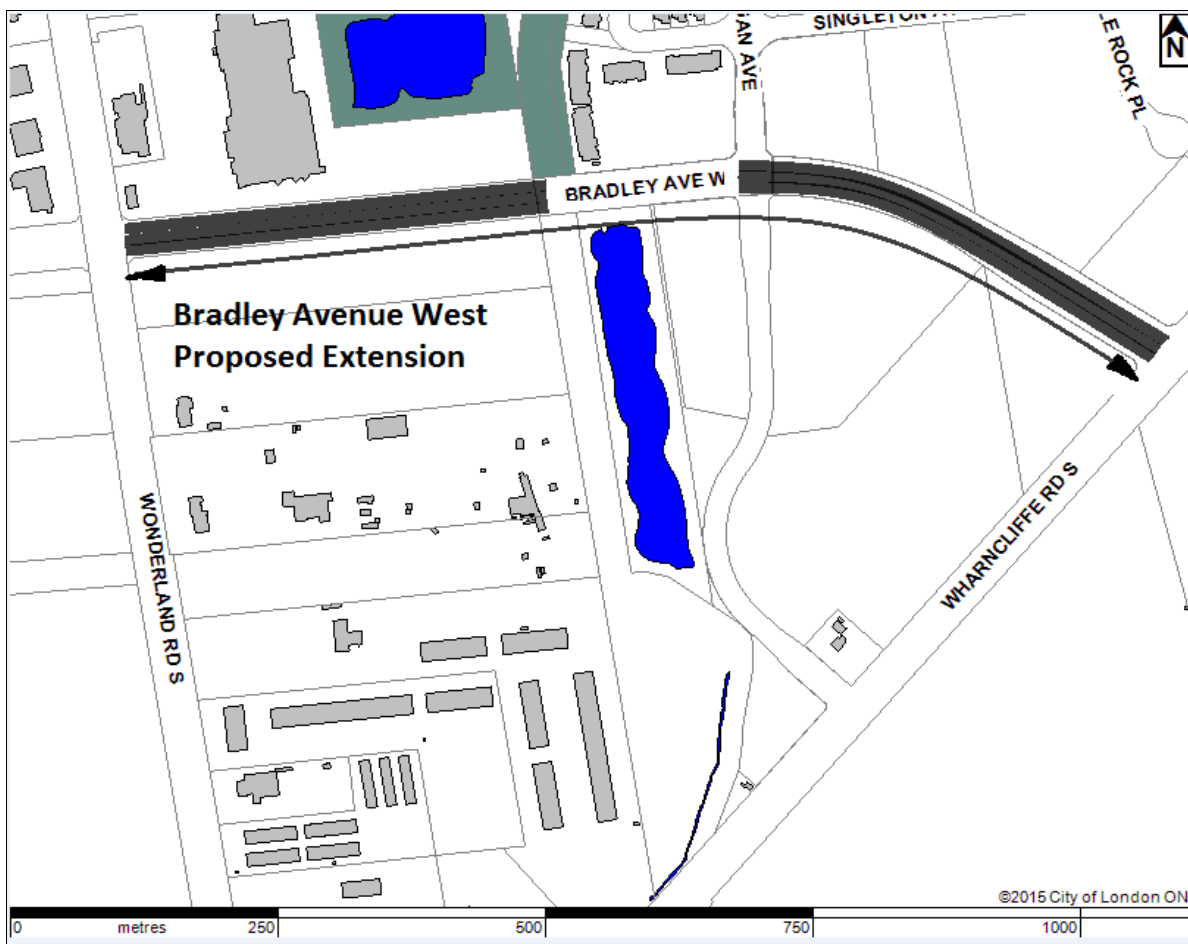
The following report supports the Strategic Plan through the strategic focus area of *Building a Sustainable City* by improving mobility for cyclists, transit and automobile users and pedestrians through the construction of this new east west arterial transportation corridor.

**BACKGROUND**

**Purpose**

This report seeks the approval of the Municipal Council to retain an engineering consultant to undertake the detailed design and tendering for the Bradley Avenue West extension, from Wharncliffe Road South to Wonderland Road South as displayed in Figure 1.

**Figure 1: Project Area**



**Context**

The City of London is responsible for a transportation system that promotes the movement of goods and services to strengthen our economic growth and provides for sustainable transportation mobility choices for residents that improve our quality of life.

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The long-term transportation objectives for this corridor are identified within the City of London's Official Plan (OP) and Smart Moves, the London 2030 Transportation Master Plan (TMP). Bradley Avenue West Extension, from Wharncliffe Road South to Wonderland Road South was identified as a priority in the 2030 TMP. The Growth Management Implementation Strategy (GMIS) recommends construction of the subject segment of Bradley Avenue West in the 2017. Bradley Avenue West will be constructed to a 4 lane cross-section, with cycling facilities, localized turning lanes and urbanized with curbs, sidewalks and illumination improvements.

<b>DISCUSSION</b>
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**Project Description**

The former Town of Westminster defined the location of Bradley Avenue West with reference plans in 1992. During the annexation process, the City of London acquired lands based on these reference plans and has since completed an environmental assessment to determine the preferred alignment between White Oak Road and Bostwick Road.

The need for the Bradley Avenue extension was identified in the City of London's Transportation Master Plan and the alignment is shown on Schedule 'C' of the OP. It is an important connection to serve residential, commercial and industrial transportation needs in London and is one of the few arterial roads that will ultimately cross the entire City.

Continued growth pressure and recent developments in the southwest quadrant of the City require Bradley Avenue to be extended. Bradley Avenue West will be constructed in phases, with this section to be constructed before the White Oak Road to Wharncliffe Road South section to facilitate access for local developments. Bradley Avenue from White Oak Road to Wharncliffe Road is also identified in the GMIS for construction in the 2022.

Current project limits extend through a developing area of residential and commercial uses, approximately 1 km in length.

The primary components that will be incorporated in this assignment include:

- Undertake the detail design for the extension of from Wharncliffe Road South to Wonderland Road South.
- Co-ordination with the geotechnical sub-consultant who will provide recommendations for subsurface design parameters for services and pavements;
- Coordination of service needs, including expansion of existing and new infrastructure as needed;
- Stormwater management (SWM) analysis and design;
- Undertake specialist investigations, including the survey and archaeological studies;
- Securing all necessary approvals;
- Preparation of utility relocation plans and coordination of the relocation of the utilities; and,
- Preparation of the complete tender package, including advertisement, review of the submitted tenders for completeness, and contractor recommendation.

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**Consultant Selection**

The consultant procurement process used a two-stage process beginning with an open advertised Request for Qualifications (RFQ). Based on the received submissions, a shortlist of three consulting firms was created. Archibald, Gray & McKay Engineering Ltd. (AGM), Stantec Consulting Ltd., RV Anderson Associates Limited were short-listed and asked to submit detailed proposals and work plans. All firms responded with written proposals including a summary of the project tasks, schedule, and costs. An evaluation committee reviewed the submissions for the project.

Based on the evaluation criteria and best value based selection process identified in the Request for Proposals, the evaluation committee determined that the proposal from AGM provides the best value to the City. AGM has an experienced project team that has a clear understanding of the project scope and requirements. Their past proven experience on similar projects, combined with a project proposal that confirmed a thorough understanding of the goals and objectives, demonstrated their suitability for the undertaking. AGM is familiar with City staff and procedures through recent work on other multi-disciplinary City assignments.

In accordance with Section 15.2 (e) of the Procurement of Goods and Services Policy, Civic Administration is recommending AGM be appointed as the consulting engineer for the detail design. The submission from AGM includes a fee submission that indicates that the detail design can be completed within the funds available in the project account. AGM will be considered for the future construction administration phase if project performance is positive.

<b>CONCLUSION</b>
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The Bradley Avenue West Extension, from Wharncliffe Road South to Wonderland Road South was identified as a priority in the Smart Moves TMP. The GMIS recommends the construction of the subject segment of Bradley Avenue in 2017 to accommodate local development and improve transportation network operations in the broader area. Initiation of detail design is required now to meet this schedule.

Based on the thorough consultant procurement process, it is recommended that AGM be awarded the consulting assignment for the detailed design of the Bradley Avenue Extension, from Wharncliffe Road South to Wonderland Road South at an upset amount of \$364,452 (excluding H.S.T.).

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**Acknowledgements**

This report was prepared with the assistance of Max Kireev, C.E.T., Technologist II, Ted Koza, P.Eng., Transportation Design Engineer, both of the Transportation Planning & Design Division.

<b>PREPARED BY:</b>	<b>REVIEWED AND CONCURRED BY:</b>
<b>DOUG MACRAE, P.ENG DIVISION MANAGER, TRANSPORTATION PLANNING &amp; DESIGN</b>	<b>EDWARD SOLDI, P.ENG. DIRECTOR, ROADS AND TRANSPORTATION</b>
<b>RECOMMENDED BY:</b>	
<b>JOHN BRAAM, P.ENG. MANAGING DIRECTOR, ENVIRONMENTAL AND ENGINEERING SERVICES &amp; CITY ENGINEER</b>	

Attach: Appendix A – Source of Financing

- c. Hendrik Schuurmans P.Eng., AGM 3514 White Oak Road London, ON N6E 2Z9  
Pat Shack, Budget Analyst, Finance  
Geoff Smith, CSCMP, Procurement Officer, Finance