

Agenda Item # Page #

--	--

TO:	CHAIR AND MEMBERS CIVIC WORKS COMMITTEE MEETING ON FEBRUARY 3, 2015
FROM:	JOHN BRAAM, P.ENG. MANAGING DIRECTOR, ENVIRONMENTAL & ENGINEERING SERVICES AND CITY ENGINEER
SUBJECT:	SOUTHWEST AREA TRUNK SANITARY SEWER DETAILED DESIGN APPOINTMENT OF CONSULTING ENGINEER: PHASE 2 – CAMPBELL STREET (HAMLYN STREET TO LAMBETH OPTIMIST PARK)

RECOMMENDATION

That, on the recommendation of the Managing Director, Environmental & Engineering Services and City Engineer, the follow actions **BE TAKEN** with respect to the Phase 2 Southwest Area Trunk Sanitary Sewer Detailed Design (ES5260):

- (a) the engineering fees for AECOM Canada Limited **BE INCREASED** by \$167,523, in accordance with the fee estimate on file, to an upset limit of \$567,449, including contingency, excluding HST, based upon the Fee Guideline for Professional Engineering Services, 2006, recommended by the Ontario Society of Professional Engineers; and in accordance with Section 15.2 (g) of the City of London's Procurement of Goods and Services Policy;
- (b) the financing for the project **BE APPROVED** in accordance with 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; and,
- (e) the Mayor and City Clerk **BE AUTHORIZED** to execute any contract or other documents, if required, to give effect to these recommendations.

PREVIOUS REPORTS PERTINENT TO THIS MATTER
--

- 2014-05-12 Southwest Area Trunk Sanitary Sewer Detailed Design: Appointment of Consulting Engineer: Phase 1 – Wonderland Road South (Dingman Drive to Wharncliffe Road South) & Hamlyn Street (Wonderland Road South to Campbell Street)
- 2014-02-03 Notice of Completion of the Southwest Area Sanitary Servicing Master Plan: Municipal Class Environmental Assessment for the Southland Wastewater Treatment Plant and Proposed Sanitary Servicing of the Southwest Area (ES5260)

BACKGROUND

Purpose:

To retain an engineering consultant to undertake the detailed design for Phase 2 of the Southwest Area Trunk Sanitary Sewer: Campbell Street (Hamlyn Street to Lambeth Optimist Park). This trunk sewer will service lands within the westerly portion of the Southwest Area Secondary Plan.

Agenda Item #	Page #

Background:

Southwest Area Sanitary Servicing Master Plan

The Southwest Area Sanitary Servicing (SASS) Master Plan was approved by Council in February of 2014. The SASS Master Plan provides a high level servicing strategy for the Lambeth, North Lambeth, North Talbot and Bostwick neighbourhoods as defined by the Southwest Area Secondary Plan (SWAP). The sanitary sewers as identified in the SASS Master Plan will serve future growth areas of residential and non-residential lands, as well as, existing lands within the southwest of the City.

Phase 1 Design & Construction

Upon completing the SASS Master Plan, Council approved an engineering consultant to undertake the detailed design for Phase 1 of the Southwest Trunk Sanitary Sewer project. Phase 1 represents a combined 2,150 metres of sewer on Wonderland Road South (Dingman Drive to Hamlyn Street) and Hamlyn Street (Wonderland Road South to Campbell Street) (refer to Appendix B). Consistent with the Growth Management Implementation Strategy (GMIS), construction for Phase 1 is scheduled to begin in Spring 2015, subject to Council approval.

Discussion:

Phase 2 Construction

Phase 2 (ES5260) will extend on Phase 1 sewer works from Hamlyn/Campbell Street to the north limit of Campbell Street and Optimist Park. The project will involve the installation of approximately 500 metres of 825 mm diameter trunk sanitary sewer which will connect the Lambeth, North Lambeth, North Talbot neighbourhoods to the Wonderland Pumping Station. The project will allow for servicing of lands north of Lambeth Optimist Park. The 2014 GMIS and 2014 Development Charge Wastewater Background Study Update confirm a 2016 construction timeline for Phase 2.

This project will allow existing privately serviced properties on septic systems within the limits of the project the opportunity to connect to the trunk sanitary sewer in the future, subject to paying the Frontage Charges and Private Drainage Connection (PDC) charges consistent with the WM-28 Bylaw.

2016 Southland Wastewater Treatment Plant Conversion

In 2016, the decommissioning of the Southland Wastewater Treatment Plant and its conversion to a pumping station will also take place. The plant is located immediately south of Phase 2 work and some coordination will be required between projects and construction. A Schedule B Environmental Assessment for the Southland Wastewater Treatment Plant conversion to a pumping station was completed in earlier in 2014.

Public Consultation

The SASS Master Plan process established the routing of proposed sewers. This process included engagement of residents, local businesses, and land developers in the study area through notices, two public meetings and individual stakeholder meetings.

As part of Phase 2 Detailed Design, one public meeting will be held in Fall 2015 which will inform nearby property owners of project details and further allow the City to receive feedback(per standard City practice).

Consultant Selection Process

AECOM has extensive background knowledge of Phase 1 works and is best equipped to carry out the necessary duties of Phase 2. AECOM's proposal has demonstrated a clear understanding of the project's goals and objectives with clear identification of the opportunities and constraints. The consultant has specific knowledge of the project and work that has already been undertaken consistent with section 15.2 (g) of the Procurement of Goods and Services Policy.

Agenda Item #	Page #

Conclusions:

The Southwest Area Trunk Sanitary Sewer Detailed Design will progress planned works for 2016 construction and open opportunities for future growth in the Lambeth, North Lambeth, and North Talbot neighbourhoods, as well as, open up existing developed area to sanitary municipal servicing.

It is recommended AECOM be appointed to complete Phase 2 of the Southwest Area Trunk Sanitary Sewer Detailed Design project as AECOM has demonstrated specific knowledge of the project and will provide good value to the City.

Acknowledgements:

This report was prepared within the Wastewater and Drainage Engineering Division by Erik Veittiaho, P.Eng.

SUBMITTED BY:	RECOMMENDED BY:
TOM COPELAND, P. ENG. DIVISION MANAGER WASTEWATER AND DRAINAGE ENGINEERING	JOHN LUCAS, P.ENG. DIRECTOR OF WATER AND WASTEWATER & TREATMENT
REVIEWED & CONCURRED BY:	
JOHN BRAAM, P.ENG. MANAGING DIRECTOR ENVIRONMENTAL AND ENGINEERING SERVICES & CITY ENGINEER	

January 27, 2015

ev/scc

Attach: Appendix A – Sources of Financing
Appendix B – Figures

c.c. Pat Shack, Budget Analyst
Peter Christiaans, Director of Development Finance
Geordie Gauld, Division Manager of Wastewater Treatment
Doug MacRae, Division Manager of Transportation
Justin Lawrence, Division Manager of Construction Administration

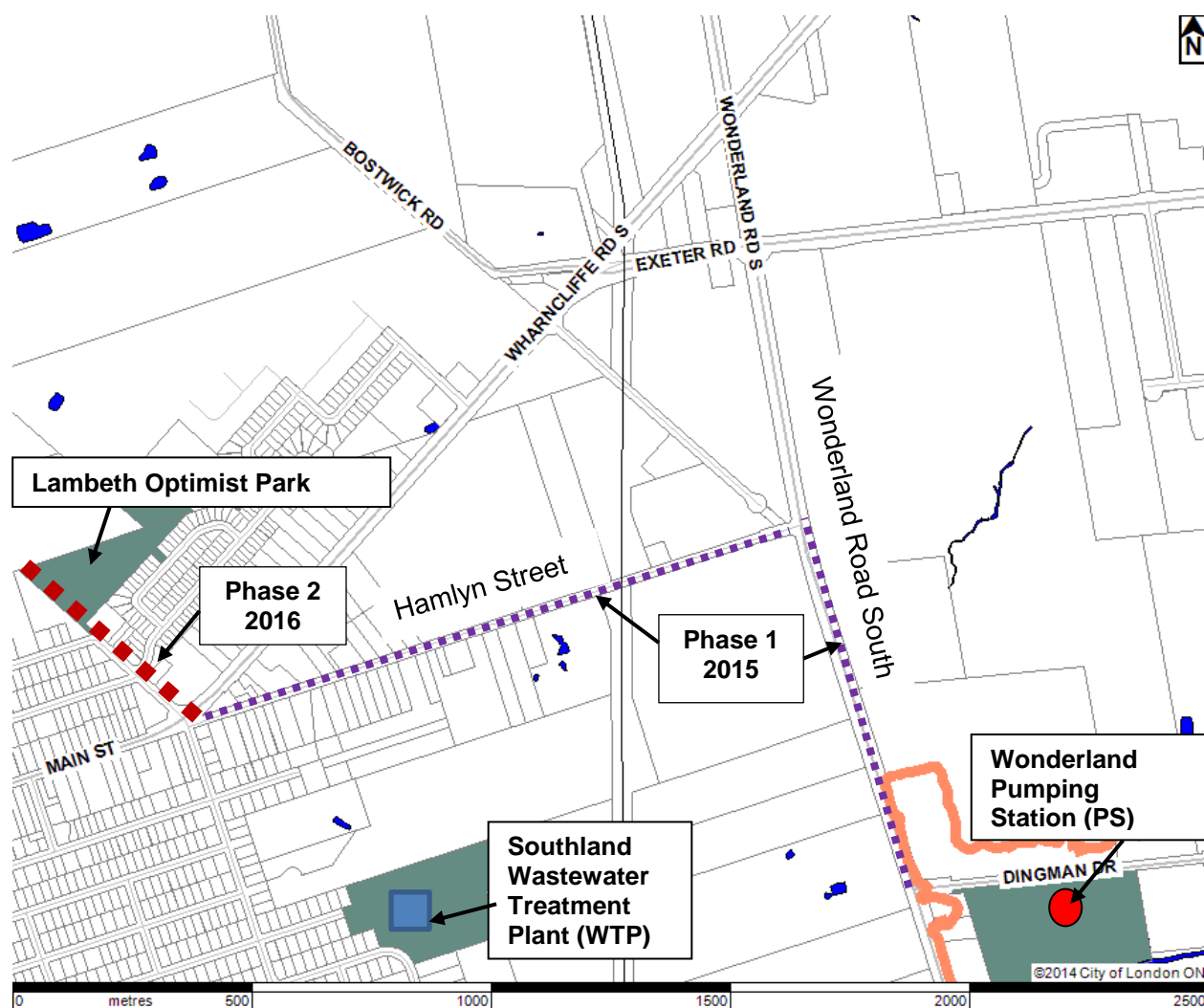
Agenda Item #	Page #

APPENDIX A
Sources of Financing

Agenda Item #	Page #

APPENDIX B
Figures

Figure A: Design Limits for Phase 1 & 2



- Campbell Street Sanitary Sewer Project Limits (SS15A) ■ ■ ■
- Hamlyn Street and Wonderland Road South Sanitary Sewer Project Limits (SS3A and SS14A) - - - - -
- Pumping Station ●
- Wastewater Treatment Plant ■