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TO:	CHAIR AND MEMBERS CIVIC WORKS COMMITTEE MEETING ON JANUARY 21, 2013
FROM:	EDWARD SOLDO, P.ENG. DIRECTOR, ROADS AND TRANSPORTATION
SUBJECT:	2013 MAJOR INFRASTRUCTURE CONSTRUCTION PROGRAM

RECOMMENDATION

That on the recommendation of Director of Roads & Transportation, the attached information concerning the 2013 Major Infrastructure Construction Program **BE RECEIVED** for information.

BACKGROUND

Purpose:

The purpose of this report is to provide Committee and Council with an overview of the planned City and Development related major construction projects for 2013 and to identify a general traffic management plan to deal with the construction impacts and associated road closures.

Discussion:

There is a number of large construction projects currently planned for 2013. Table 1 provides a listing of a number of projects that will have an impact on traffic flows, in particular, on major routes in the west end of the City. The locations of these projects are illustrated on the appended map.

Table 1 – Project Schedule

Project	Schedul
1. Ayerswood - 940 Springbank Road (Road and Sewer)	March and April *
2. Oxford Street West Road Widening (Road and Sewer)	Early April to November
3. Sarnia Road Widening	July to October
4. West Broughs Bridge - Richmond Street (Bridge Rehab)	May to October
5. Stanley/Wortley Intersection (Sewer, Water and Road)	Mid-March to May 1
6. Southdale Road West Widening	May to October
7. Commissioners Road West Rehab (Watermain and Road Rehab)	Dependant on projects 1 & 2, will be deferred until 2014

** Developer-led project. Dates contingent on the adherence to the implementation schedule by the developer. Originally scheduled for completion in 2012.*

A number of these projects impact traffic travelling to and from west London. The Ayerswood Development and Oxford Street widening will be the most significant due to the installation of deep sewers that will require a complete road closure (Springbank) during March and April and only allowing traffic on a single lane in one direction (westbound on Oxford Street) during May and June.

In addition, there are a number of other medium reconstruction/resurfacing projects to rehabilitate infrastructure throughout the City that will have local traffic impacts and may require minor traffic detours. For example, Royal York Road, a collector road, will be closed to through traffic for most of the construction season. These projects have been communicated to the public, businesses and agencies. Please refer to www.london.ca/roadwork for a detailed schedule and contact information throughout the year.

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Roadway Traffic Management

Due to the amount of roadwork involved and to ensure there is sufficient traffic capacity on the major arterial road network, the timing of the projects has been staggered to allow for multiple detour options and to minimize disruption to road users. Contracts are also being designed to compress the duration of critical construction activities where feasible. The Oxford Street construction will maintain one lane of traffic in each direction as is typical for road widening projects. However, where proposed sewers are unusually deep and maintaining two lanes is not possible, the contract is structured to require the contractor to limit the single-laning (closure to eastbound traffic) as much as possible.

In terms of coordination, the projects are sequenced in order to maintain traffic capacity as much as possible. For example, the Ayerswood developer constructing the 940 Springbank Road project has been directed to complete the sewer/road works by May 1st and the single laning of a section of the Oxford Street widening will not start until after that Ayerswood project road closure is complete. The Sarnia Road widening will in turn follow the single laning of Oxford Street.

London Transit Routes 5 and 17 will be directly impacted and will need to be modified during the road closures.

The Commissioners Road West watermain project has been deferred to 2014 to avoid conflicts in the Byron area of the City as the roadway will be a key diversion route for the Oxford Street traffic. The funding for the work will be utilized on other projects in 2013.

It is possible for Council to delay more projects through the budget process to further mitigate social impact. If Council chooses that strategy, it is suggested that the Sarnia Road widening could be deferred, noting that the local community is anticipating the widening and related traffic control implementation.

Communications Plan

The social impact is being mitigated through coordination and communication. The specific communication strategies include:

- 2013 construction program media release (expected in early March);
- Communication with LTC, Police, Fire, EMS, school buses, Canada Post (January);
- Public meetings for all reconstruction projects;
- 3 letters to directly impacted residents for medium and large projects, 1 letter for short term work;
- Social media (Facebook and Twitter)
- Renew London website(project updates, daily email to media and emergency services);
- Large changeable message boards in advance of significant projects (Oxford Street);
- Advanced warning signs; and
- News releases notifying the public when projects are completed.

Residents are encouraged to minimize their impact by:

- Planning their commutes, using alternative routes;
- Utilize transit (www.ltconline.ca), car pool, ride your bike or walk; for assistance in finding a carpool, please visit <https://london.carpoolzone.ca/en/my/index.php>
- Adjusting their travel times.

Conclusions:

The 2013 infrastructure replacement and growth programs have been planned to maximize the investment in London's existing infrastructure assets in a timely manner. A significant developer led sewer installation will also create traffic management challenges in 2013. The implementation of these programs has been scheduled to minimize the traffic and social impacts on the community while creating safe and sustainable services for the City.

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Acknowledgements:

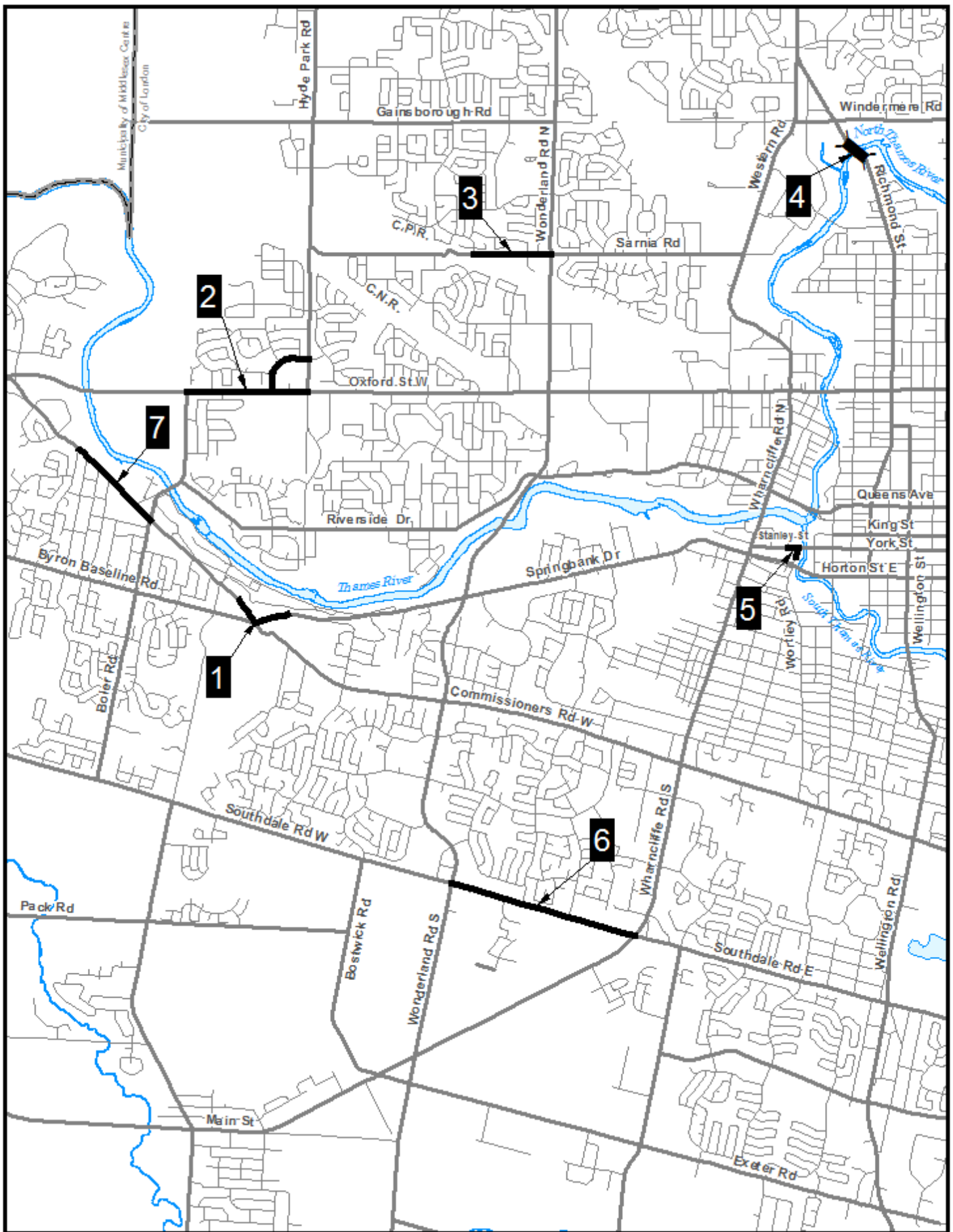
This report was prepared with the assistance of Justin Lawrence, Division Manager Construction Administration Division.

PREPARED BY:	RECOMMENDED BY:
EDWARD SOLDO, P.ENG. DIRECTOR, ROADS AND TRANSPORTATION	JOHN BRAAM, P.ENG. MANAGING DIRECTOR ENVIRONMENTAL & ENGINEERING SERVICES AND CITY ENGINEER

cc: Larry Ducharme, London Transit Corporation



MAJOR 2013 INFRASTRUCTURE PROJECTS



- 1. Reservoir Hill (Ayerswood Development)... March and April
- 2. Oxford St W Road Widening..... Early April to November 2013
- 3. Sarnia Rd Widening..... July to November
- 4. West Broughs Bridge..... May to October
- 5. Stanley St Intersection..... Mid March to May 1
- 6. Southdale Rd Widening..... May to October
- 7. Commissioners Rd W Watermain..... Deferred until 2014



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