

<b>TO:</b>	<b>CHAIR AND MEMBERS CIVIC WORKS COMMITTEE MEETING ON JUNE 18, 2019</b>
<b>FROM:</b>	<b>KELLY SCHERR, P.ENG., MBA, FEC MANAGING DIRECTOR, ENVIRONMENTAL &amp; ENGINEERING SERVICES AND CITY ENGINEER</b>
<b>SUBJECT:</b>	<b>ADELAIDE STREET NORTH GRADE SEPARATION MEMORANDUM OF UNDERSTANDING WITH CANADIAN PACIFIC RAILWAY</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 Adelaide Street North Grade Separation Project:

- a) the attached proposed by-law (Appendix A) **BE INTRODUCED** at the Municipal Council meeting to be held on June 25, 2019 to:
  - i) Authorize and approve the Memorandum of Understanding attached as Schedule 1 of Appendix A, between The Corporation of the City of London and Canadian Pacific Railway Company, to set out the terms under which the parties have agreed to proceed with the Project;
  - ii) Authorize the Mayor and City Clerk to execute the Memorandum of Understanding; and,
- b) Authority **BE DELEGATED** to the Managing Director of Environmental & Engineering Services and City Engineer, or their designate, to execute any financial reports required as a condition of the Memorandum of Understanding authorized and approved in a) above.

<b>PREVIOUS REPORTS PERTINENT TO THIS MATTER</b>
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- Environment and Transportation Committee – November 28, 2005 – Priority Setting Factors for Future Rail / Road Grade Separations
- Civic Works Committee – October 28, 2013 – Adelaide Street North / Canadian Pacific Railway Grade Separation Report
- Civic Works Committee – January 5, 2016 – Environmental Assessment Appointment of Consulting Engineer
- Civic Works Committee – December 12, 2016 – Environmental Assessment Update
- Civic Works Committee – September 26, 2017 – Transport Canada Grade Crossing Regulations and Railway Funding Application
- Civic Works Committee – May 28, 2018 – Railway Rationalization
- Civic Works Committee – August 13, 2018 – Environmental Study Report
- Civic Works Committee – January 8, 2019 – Detailed Design & Tendering Appointment of Consulting Engineer

## 2019-23 STRATEGIC PLAN

The following report supports the Strategic Plan through the strategic focus area of *Building a Sustainable City* by implementing and enhancing safe and convenient mobility choices for transit, automobile users, pedestrians, and cyclists. A new road-rail grade separation on Adelaide Street North at the Canadian Pacific Railway (CPR) tracks will improve safety for all modes of transportation by removing the potential for conflict between pedestrians, cyclists, drivers and CPR operations, manage congestion and travel times, and provide route reliability for emergency services and local transit. The grade separation provides an opportunity to improve active transportation choices, facilities and linkages. The implementation of the grade separation is a strategic component of London's comprehensive program of transportation improvements.

## BACKGROUND

### Purpose

The purpose of this report is to seek the approval from Municipal Council on the Memorandum of Understanding (MoU) to be signed by the City of London and Canadian Pacific Railway Company for the Adelaide Street North Grade Separation Project.

The MoU establishes the general terms under which the City of London and CPR agree to move forward with the implementation of the Adelaide Street North Grade Separation Project, prior to the execution of the formal Construction Agreement and Crossing & Maintenance Agreement. The MoU provides commitment towards the project as well as financial clarity to both parties moving forward with the project. While the MoU establishes the framework and general terms on how the project will move forward, subsequent agreement(s) will be required to put into effect the terms of the MoU.

### Context

The project environmental assessment (EA) and detailed design assignments were approved by Council in August 2018 and January 2019, respectively. The project timelines and complexity provide unique challenges for the design and construction. The project team has been in communications with CPR through the EA process and in the early stages of the detailed design phase to work through technical aspects of the project and to establish the cost sharing agreement outlined in the MoU for this new grade separation.

The cost sharing discussions have been guided by the Canadian Transportation Agency Cost Apportionment Resource Tool. The cost apportionment for the project is in line with the tool and the contribution from CPR towards the project is a fixed lump sum of \$8.75M, equating to 15% of the estimated total project costs. The cost apportionment reflects that the project was initiated by the City and no new rail facilities are proposed.

The total cost estimate for the project is approximately \$58.3M that includes roadway construction, temporary detour road, the railway grade separation structure, stormwater management and pumping station, street lighting and signalization, utility relocation, landscaping, traffic control, sanitary sewers, watermain, staging, and property acquisitions. The estimated project cost is reflected in the approved capital budget.

<b>CONCLUSION</b>
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Implementation of the City’s highest priority grade separation at Adelaide Street North and CPR is a strategic component of London’s comprehensive program of transportation improvements that will mitigate the impact of rail activity in the City of London.

The project schedule envisions the CPR bridge construction commencing in 2021 with early works such as utility relocations being started as early as 2020 subject to property acquisition and necessary approvals. CPR is major stakeholder and partner on this project and establishment of the MoU at this time aims to support the project schedule.

**Acknowledgements**

This report was prepared with the assistance of Ardian Spahiu, P.Eng, Transportation Design Engineer.

<b>SUBMITTED BY:</b>	<b>REVIEWED AND CONCURRED BY:</b>
<b>GARFIELD DALES, P. ENG. DIVISION MANAGER, TRANSPORTATION PLANNING AND DESIGN</b>	<b>DOUG MACRAE, P.ENG., MPA DIRECTOR, ROADS AND TRANSPORTATION</b>
<b>RECOMMENDED BY:</b>	
<b>KELLY SCHERR, P.ENG., MBA, FEC MANAGING DIRECTOR, ENVIRONMENTAL AND ENGINEERING SERVICES AND CITY ENGINEER</b>	

Attachment: Appendix A – By-Law.  
Appendix A – Schedule 1 – Memorandum of Understanding

cc. Tom Twigge – Canadian Pacific Railway, 1290 Central Parkway West, Suite 600  
Mississauga ON L5C-4R3