




Hamilton

INFORMATION REPORT

TO:	Chair and Members Light Rail Transit Sub-Committee
COMMITTEE DATE:	May 23, 2024
SUBJECT/REPORT NO:	Hamilton Light Rail Transit Early Works Update (PED24084) (City Wide)
WARD(S) AFFECTED:	City Wide
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SIGNATURE:	

COUNCIL DIRECTION

Not Applicable.

INFORMATION

Background: Light Rail Transit Early Works

Certain discrete early works projects are being delivered prior to major construction in or adjacent to certain sections of the Light Rail Transit (LRT) corridor.

Funded by Metrolinx and delivered by either the City or third-party utilities, these projects will mitigate complexities for the contractor chosen to build Hamilton LRT.

The City has coordinated these early works projects with state of good repair works and improvements to City infrastructure to facilitate a more cost-effective delivery for both parties and minimize disruption to the community.

OUR Vision: To be the best place to raise a child and age successfully.

OUR Mission: To provide high quality cost conscious public services that contribute to a healthy, safe and prosperous community, in a sustainable manner.

OUR Culture: Collective Ownership, Steadfast Integrity, Courageous Change, Sensational Service, Engaged Empowered Employees.

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At present, there are five (5) early works projects which are either in development, design or under construction. A brief synopsis of the project scope and an update on the status of these projects is provided below.

**1) Sherman Avenue South (South end to Wilson) and
2) Wentworth Street North (King to Wilson)**

The Sherman and Wentworth projects were driven by the need to strengthen the watermain system in advance of major LRT construction. Collectively these works act as a replacement for an existing 500mm trunk watermain on King Street since space constraints make it impractical to reconstruct this 500mm trunk watermain in the LRT corridor.

The subsurface component of the Sherman works is comprised of the construction of a 300mm watermain and connections to trunk watermains on Cumberland and Main Street E. In coordination with these works, the City is taking the opportunity to resurface the remaining portion of the road and provide on-street bike facilities from Delaware to Dunsmure. The project was partially delivered in 2023 (Dunsmure to Wilson) and will recommence construction in Spring 2024 (South end to Dunsmure) with a Fall 2024 completion date.

The subsurface component of the Wentworth works is comprised of the construction of 200mm and 500mm watermains and connections to trunk watermains on Wilson and King William. The asphalt surface will be replaced upon completion of the watermain works. The project will tender with adjacent City funded capital construction projects on Wilson Street and Sherman Avenue North in Spring 2024. Overall construction will commence in Fall 2024 with an estimated completion in Spring 2026.

3) Nash Road and Queenston Road

The 1200mm trunk watermain on Nash Road needs to be lowered under the Queenston portion of the LRT corridor to remove conflicts with planned underground infrastructure works during major LRT construction.

The City was already delivering a contract to replace the large valves and chambers in the four legs of the intersection so both works were tendered together to mitigate overall costs and to avoid multiple disruptions to the trunk watermain system and the roadways.

The works have been awarded and construction will commence in Spring 2024 with an estimated completion in Fall 2025.

**4) Main Street East (Strathearne to Delena)
Rosewood Road (Queenston to Main)**

The Main/Rosewood project is inclusive of the relocation of an existing 1200mm trunk watermain on Queenston Road since space constraints make it impractical to reconstruct the 1200mm trunk watermain in the LRT corridor.

On Main Street East, the City will take the opportunity to construct a safer and more balanced roadway corridor by supplementing Metrolinx funding.

The existing road platform is four lanes wide and the sidewalk is currently placed directly adjacent to the road. In the new design the City will be narrowing the road to facilitate tree plantings, the inclusion of boulevards to separate pedestrians from the road and discrete provision of laybys for parking, school busses and the HSR.

In keeping with the City of Hamilton's Vision Zero Strategy and Complete Street Guidelines, intersections will incorporate bumpouts and radii which promote slower vehicular speeds and decrease the length of pedestrian crossings.

The resultant corridor will be more appropriate to the neighbourhood and will enhance the pedestrian experience.

The project is currently in the detail design stage and it is anticipated that construction will commence in Fall 2024 with an estimated completion Winter 2025. The design will be presented to the public at an upcoming Ward meeting hosted by Councillor Hwang.

5) Main St East and Ottawa Street

A City-led project to replace City watermains and Bell Canada infrastructure at Main and Ottawa is currently under development and it is expected that construction will commence in Spring 2025 and be completed in Fall 2025.

This intersection is highly congested and a critical juncture point for the City watermain and Bell Canada networks. Advancing the works now will remove challenging tasks from major LRT construction and will result in more robust infrastructure for both parties.

In order to mitigate risk to the City, the works will be fully coordinated with other City watermain projects.

APPENDICES AND SCHEDULES ATTACHED

Not applicable.