



COMMUNICATION UPDATE

TO:	Mayor and Members City Council
DATE:	July 27, 2022
SUBJECT:	Update: Safety Enhancements to Main Street and King Street (CRO22022a) (City Wide)
WARD(S) AFFECTED:	City Wide
SUBMITTED BY:	Edward Soldo Chief Road Official Public Works Department
SIGNATURE:	

On May 11th 2022, Council approved a [motion](#) focused on the development of safety enhancements on major arterial roads, including the conversion of Main Street from a one-way to a two-way roadway. The purpose of this Communications Update is to provide a progress update to the Communications Update [\(CRO22022\)](#) from July 5, 2022.

The City has adopted a [Vision Zero](#) safe systems approach to roadway safety, recognizing that the transportation system must be designed in a way that prevents collisions as much as possible and lessens the impacts of collisions when they do happen. Vision Zero focuses on the design of our communities and roads, how speeds are set and managed, how vehicles are permitted to operate and what transportation mobility options exist where and for whom.

Short-term Roadway Safety Enhancements

Council direction included immediate actions to improve safety for all road users along Main Street and King Street. The goal of these enhancements is to improve overall safety, with particular attention to vulnerable road users through the introduction of measures to separate pedestrians by either time or space from vehicles. The City has been assessing alternative measures and the following provides a progress update, tentative implementation overview and timeline.

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.

Progress Update on Main Street

In July 2022, Transportation Operations & Maintenance crews began implementing short-term roadway safety enhancements on Main Street.

Parking Modifications

- By-laws enacting the changes to encourage parking on Main Street will be submitted for the August 12, 2022 Council Meeting. Implementation will start following Council approval.

Signalized Intersection Modifications

- The addition of leading pedestrian internals (LPI) has been tested internally and installation on Main Street is estimated to commence in August.
- Pedestrian “countdown” signals (PCS) installations have begun on Main Street with Locke Street, Caroline Street, Hughson Street, John Street and Catharine Street completed. The remainder of intersections are expected to be installed by end of August.
- No right turn on red (NRTOR) restrictions have been approved by Council and implementation has been completed on Main Street.
- A no left turn on red (NLTOR) restriction has been identified as a restriction at Main Street and Catharine Street and will be presented to Council on August 12, 2022 for approval.

Pedestrian Crossing Enhancements

- Ladder crossings have been implemented at the majority of intersections on Main Street, with a few exceptions due to road closures that will be revisited in the coming weeks.
- A preliminary design for the pedestrian scramble at Main and Summer’s Lane has been completed – the project will be tendered and construction is expected to commence in late 2022 or early 2023.

Travel Lane Modifications

- The restriping of Main Street between Dundurn Street and Sherman Avenue from five lanes to four lanes is anticipated to take place in August including bump outs at strategic locations and designated transit spaces.

Speed Management

- Staff are recommending the installation of Automatic Speed Enforcement in two locations on Main Street with new Community Safety Zones on Main Street between Dundurn Street and Locke Street, and between Gage Avenue and Delta Park. A report on this matter will be presented to Council at the Public Works Committee meeting on August 10, 2022.

King Street Tentative Implementation Overview and Timeline

Immediate safety countermeasures will be implemented on King Street following the same approach as Main Street.

Parking Modifications

- The King Street corridor is still under review for parking modifications but will follow similar modifications to Main Street. By-laws enacting the changes to encourage parking on King Street will be submitted for consideration to Council in September.

Signalized Intersection Modifications

- The traffic signal timings are being modified to incorporate Leading Pedestrian Intervals (LPI) at all the signalized intersections along the King Street corridor. Implementation will commence upon completion of Main Street and is expected to be completed by end of the year.
- Pedestrian “countdown” signals (PCS) will be installed at all signalized intersections to assist pedestrians in crossing the street. Implementation is expected to commence in September and will be completed by end of the year.
- No right turn on red (NRTOR) restrictions are proposed at the majority of King Street signalized intersections. The NRTOR restriction bylaw for King Street will be presented to Council on August 12 and implementation will commence upon approval.
- A no left turn on red (NLTOR) is proposed for King Street at Victoria Street.
- Appendix A includes a list of proposed intersections on King Street with NRTOR and NLTOR restrictions

Pedestrian Crossing Enhancements

- Installation of ladder crossings on King Street has started and will be completed in August.

Travel Lane Modifications

- Modifications to the travel lanes are under review along King Street and will be reported at a future date upon further consultation with the LRT project team.

Speed Management

Staff are recommending the installation of Automatic Speed Enforcement in two locations on King Street with new Community Safety Zones on King Street between Dundurn Street and Locke Street, Emerald Street to Wellington and Lottridge Street to Gage Avenue. A report on this matter will be presented to Council at the Public Works Committee meeting on August 10, 2022.

Targeted Education Campaigns are planned to inform residents of the different roadway safety measures including: no right turns on red, leading pedestrian intervals, and community safety zones. Regular progress updates are also being shared via the City of Hamilton's social media channels.

Main Street Implementation Plan

The approved conversion of Main Street from one-way to two-way operations requires the development of an implementation plan that will integrate a Complete Streets redesign that will enable safe use for all road users including public transit passengers, pedestrians, motorists and cyclists and will also incorporate a climate change lens by considering additions such as urban trees and permeable surfaces in the planning process.

The City has engaged WSP to develop alternative concepts for evaluation and undertake an assessment of capital improvement costs, construction timing and required approvals. Latest project update can be found on the project [website](#). The public consultation will include the Engage Hamilton online engagement tool and a public information centre in the fall of 2022.

If you have any questions, please contact Edward Soldo, Chief Road Official, by phone at Ext. 4622 or email at edward.soldo@hamilton.ca.

APPENDICES AND SCHEDULES ATTACHED

Appendix "A" – List of Existing and Proposed No Right Turn on Red locations for King Street

King Street – Proposed No Right/Left Turn on Red Locations

From East to West	Westbound (turning right off King)	Southbound (turning right onto King)	Northbound (turning left onto King)
Glendale	✓	✓	
Gage	✓	✓	
Melrose	✓	✓	
Barnesdale	✓	✓	
Sherman	✓	✓	
Holton	✓	n/a (one-way)	n/a (not one-way)
Sanford	✓	n/a (one-way)	no (not deemed necessary)
Wentworth	✓	✓	
Tisdale	✓	✓	
Emerald	✓	✓	
East	✓	✓	
Victoria	✓	n/a (one-way)	✓
Wellington	n/a (one-way)	✓	
Jarvis	n/a (IPS)	n/a (IPS)	
Ferguson	n/a (IPS)	n/a (IPS)	
Walnut	✓	existing	
Mary	✓	n/a (one-way)	
Catharine	n/a (one-way)	no (road closed/construction)	
John	existing	no (Burlington Transit)	
Hughson	no (road closed/construction)	no (road closed/construction)	
James	existing	existing	
Bay	✓	n/a (one-way)	existing
Caroline	n/a (one-way)	✓	
Hess	✓	n/a (one-way)	
Queen	n/a (one-way)	✓	
Pearl	✓	✓	
Locke	✓	✓	
Strathcona	✓	✓	
Dundurn	✓	n/a (no west crossing)	