



# INFORMATION REPORT

<b>TO:</b>	Chair and Members Public Works Committee
<b>COMMITTEE DATE:</b>	November 18, 2019
<b>SUBJECT/REPORT NO:</b>	Cycling Improvements at Queen Street South and Herkimer Street (PW19102/PED19236) (Wards 1 and 2) <b>(Outstanding Business List Item)</b>
<b>WARD(S) AFFECTED:</b>	Wards 1 and 2
<b>PREPARED BY:</b>	Edward Soldo (905) 546-2424 Ext. 4622 Brian Hollingworth (905) 546-2424 Ext. 2953
<b>SUBMITTED BY:</b>  <b>SIGNATURE:</b>	Edward Soldo Director, Transportation Operations & Maintenance Public Works Department
<b>SUBMITTED BY:</b>  <b>SIGNATURE:</b>	Brian Hollingworth Director, Transportation Planning and Parking Planning and Economic Development Department

## COUNCIL DIRECTION

Report PW19-005, Item (f)(iii)), at the April 1, 2019 Public Works Committee meeting, the Hamilton Cycling Committee - Citizen Committee Report respecting Bollard Installation along Herkimer Street and Motor Vehicle Turning Restriction at the Intersection of Herkimer Street and Queen Street South was referred to staff for a report back to the Public Works Committee in six months.

## INFORMATION

In its current configuration, the intersection of Herkimer Street and Queen Street South requires cyclists travelling in the eastbound bicycle lane to traverse across Queen Street through an off-set intersection which is stop controlled for the eastbound

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direction, but not the north-south direction. The planned conversion of Queen Street from one-way to two-way traffic introduces a traffic signal at this intersection which provides an opportunity to improve operations for pedestrians, cyclists and vehicles.

Council was provided an Information Update on August 1, 2019 regarding the one-way to two-way conversion of Queen Street South between Herkimer Avenue and Main Street.

In order to revise the designs and update final configurations, additional time was required, and the project was deferred to the spring of 2020 for implementation. Additional consultation was also required to address the concerns identified related to the cycling lane protection at the intersection of Queen Street South and Herkimer Street as well as potential turning movement restrictions.

### Design Enhancements

The design of the intersection has been enhanced to include delineation through the implementation of concrete barrier curb with bollards installed on top along Herkimer Street at the approach and for a length of 20 m following the intersection. In addition, the cycling lane will be delineated through the intersection with the introduction of green lane on the pavement. The design changes are identified on the drawing attached to Report PW19102/PED19236 as Appendix “A”. In addition, to reduce potential conflicts, a no left turn restriction from Herkimer Street eastbound to Queen Street South northbound will be implemented, thus maintaining the current turn restriction that is not permitted in the current one-way configuration.

### Supportive Policy

Enhanced cycling delineation through intersections aligns with the Vision Zero Action Plan, as protection of vulnerable roadway users through separation of either time or space will reduce the potential for conflicts and collisions. The program also aligns with the Strategic Plan, City-wide Transportation Master Plan, is supportive of the Age-Friendly Plan, and the City’s Multi-Year Accessibility Plan.

### Relevant Consultation

In preparation of this report, Transportation Operations and Maintenance staff worked jointly with Transportation Planning staff to develop design solutions.

City staff provided an overview of the design changes at a Cycle Hamilton meeting hosted by the Ward 1 on September 30, 2019 and to the Cycling Committee on October 2, 2019.

## **APPENDICES AND SCHEDULES ATTACHED**

Appendix “A” to Report PW19102/PED19236 – Design Changes Drawing