



**City of Kingston  
Report to Council  
Report Number 19-050**

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**To:** Mayor and Members of Council  
**From:** Jim Keech, President & CEO, Utilities Kingston  
**Resource Staff:** Sheila Kidd, Deputy Commissioner Operations - Transportation & Infrastructure Services  
**Date of Meeting:** March 19, 2019  
**Subject:** Right Turn on Red Ban at Bike Boxes – Princess Street at Division Street

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**Executive Summary:**

The City has plans to install bike boxes in the spring of 2019 at the intersection of Princess Street and Division Street, and on Division Street at Queen Street. A bike box is a designated area for cyclists that is placed between the crosswalk and the vehicle stop bar at a signalized intersection. To improve the level of safety for cyclists using these bike boxes, a right turn on red ban for motor vehicles is being recommended as follows:

- Princess Street at Division Street: eastbound right turn from Princess Street to Division Street; and
- Division Street at Princess Street: northbound right turn from Division Street to Princess Street.

As part of this work, the City will also initiate a public education and communication campaign about the bike boxes, how cyclists should use them, and responsibilities of motorists in these areas.

**Recommendation:**

**That** City Council amend By-law Number 2003-209, “A By-law For Regulating Traffic in the Highways Of The City of Kingston, Subject To The Provisions Of The Highway Traffic Act” as amended, as per Exhibit B to Report Number 19-050, in order to ban right turns on red lights at all times, as follows:

1. Princess Street at Division Street: eastbound right turn from Princess Street to Division Street; and
2. Division Street at Princess Street: northbound right turn from Division Street to Princess Street.

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**Authorizing Signatures:**

ORIGINAL SIGNED BY PRESIDENT & CEO, UTILITIES KINGSTON

**Jim Keech, President & CEO,  
Utilities Kingston**

ORIGINAL SIGNED BY CHIEF ADMINISTRATIVE OFFICER

**Lanie Hurdle, Acting Chief Administrative  
Officer**

**Consultation with the following Members of the Corporate Management Team:**

Gary Dyke, Commissioner, Corporate & Emergency Services	Not required
Peter Huigenbos, Acting Commissioner, Community Services	Not required
Desirée Kennedy, Chief Financial Officer & City Treasurer	Not required

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**Options/Discussion:**

A bike box is a designated area for cyclists that is placed between the crosswalk and the vehicle stop bar at a signalized intersection. When the traffic signal is red, the bike box enables cyclists to wait ahead of queuing traffic and then proceed through the intersection when the light turns green. Bike boxes improve the level of safety for cyclists by increasing their visibility and making motorists more aware of their presence.

Bike boxes will extend across all of the lanes of the designated approach. Rather than maneuver across vehicle lanes, cyclists within the bike box can move from a bike lane on the right side of road to the left side of the approach during a red light in order to execute the left turn movement through the intersection.

The City has plans to install two bike boxes in the spring of 2019 at the intersection of Princess Street and Division Street, and one bike box on Division Street at Queen Street. The bike boxes will be painted with a bright green durable thermoplastic material and will be the first installation of bike boxes in the City.

In order for motorists to make a right turn on red, vehicles would need to cross into the bike box and potentially wait within the bike box for a gap in traffic to complete the right turn. Since right-turning vehicles could block cyclists from entering the right side of the bike box and create potential conflicts for left-turning cyclists transitioning from the right to the left side of the bike box during a red signal indication, a right turn on red ban for motor vehicles is being recommended as follows:

- Princess Street at Division Street: eastbound right turn from Princess Street to Division Street; and
- Division Street at Princess Street: northbound right turn from Division Street to Princess Street.

Cyclists will continue to be permitted to turn right on red, as there is no safety conflict created by the installation of the bike boxes.

Since the proposed bike box on Division Street at Queen Street will be located on the north side of the intersection at a t-intersection, a right turn on red ban is not required.

**Next Steps**

The “no right on red” signage at Princess Street and Division Street will be installed in the spring of this year prior to the installation of the bike boxes.

The City also has plans to initiate a public education campaign about bike boxes and how cyclists and motorists should use them. As part of this campaign, educational material will be posted on the City’s website.

Kingston Police will also be notified of the new right on red ban at this location such that enforcement can be provided.

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**Existing Policy/By-law:**

By-law Number 2003-209, "A By-law For Regulating Traffic in the Highways Of The City of Kingston, Subject To The Provisions Of The Highway Traffic Act".

**Notice Provisions:**

Not applicable

**Accessibility Considerations:**

Not applicable

**Financial Considerations:**

The cost associated with the installation of signage required for the right turn on red ban will be accommodated within the existing approved operating budget.

**Contacts:**

Ian Semple, Director, Transportation Services, 613-546-4291, extension 2306

Deanna Green, Manager, Traffic Division, 613-546-4291, extension 3170

Mark Dickson, Transportation Engineer, extension 3254

**Other City of Kingston Staff Consulted:**

Bill Linnen, Acting Director, Public Works, 613-546-4291, extension 1856

Jeremy DaCosta, Director, Transit & Fleet Services, 613-546-4291, extension 1310

**Exhibits Attached:**

Exhibit A Proposed Changes to By-law Number 2003-209

**By-Law Number. 2019-XX**

**A By-Law to Amend By-Law Number 2003-209 “A By-Law to Regulate Traffic”**

**Passed:** Meeting date, 2019

**Therefore be it resolved that** the Council of the Corporation of the City of Kingston hereby enacts as follows:

1. By-Law Number 2003-209 of the Corporation of the City of Kingston entitled “A By-Law to Regulate Traffic”, as amended, is hereby further amended as follows:
  - 1.1 Schedule E-2, Right Turn Restrictions, is hereby amended by adding the following thereto:

Division Street into Princess Street travelling Northbound (Ref. 4.35 & 4.36, No right turn on red light).

Princess Street into Division Street travelling Eastbound (Ref. 4.35 & 4.36, No right turn on red light).
2. This By-Law shall come into force and take effect on the date of its passing.

Given all Three Readings and Passed: Meeting date, 2019

Given First and Second Readings Month XX, 2019

Given Third Reading and Passed Month XX, 2019

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**John Bolognone**  
**City Clerk**

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**Bryan Paterson**  
**Mayor**