To Chair and Members
Committee of the Whole – Operations and Administration

From R. Loukes, P. Eng., Acting General Manager
Public Works Commission

1.0 Type of Report

Consent Item [ ]
Item for Consideration [X]

2.0 Topic
Paris Road at Terrace Hill Street – Traffic Control
[Financial Implication - None]

3.0 Recommendation


4.0 Purpose and Overview

To repeal the by-law for the “Yield” sign that was formerly located on Paris Road at the north end of the traffic island facing northbound traffic turning right from Paris Road on to Terrace Hill Street as shown on Figure 1.

5.0 Background

Reconstruction of the intersection of Paris Road and Terrace Hill Street commenced in the summer of 2019 and was completed in fall of 2019. The project included reconfiguring the Terrace Hill Street approach to improve traffic operations and safety to eliminate traffic islands and intersect with Paris Road in
a more typical “T” intersection layout. The traffic island/channelized right-turn and “Yield” sign from northbound Paris Road to Terrace Hill Street were also removed.

These changes are the first stage of the Ava Road Bridge Rehabilitation Program, which was part of the Environmental Assessment completed in 2009. The longer term plan for improving the Ava Road Bridge and intersection improvements project has been phased into two stages to better traffic flow, pedestrian and worker safety.

Phase 1: Identified through the EA process, re-alignment of the Paris Rd/Terrance Hill intersections would address operational deficiencies at the intersection. The re-alignment also forms part of the overall design plan of the Ava Bridge rehabilitation to improve pedestrian movements across the bridge. This work included the design and re-alignment of the Terrance Hill/Paris Road intersection that includes reconstruction of roadway, curb, sidewalk, boulevards, storm sewer and associated items.

Phase 2: Includes bridge rehabilitation including deck repairs and road and sidewalk re-alignment on Ava Bridge at Paris Road and Brant Ave including replacement / installation of traffic signals.

6.0 Corporate Policy Context

The following long term desired outcome from the Strategic Plan is addressed with the recommendation:

Brantford will be supported by well-developed and maintained transportation and servicing infrastructure.

7.0 Input from Other Sources

Not applicable.

8.0 Analysis

The construction project, approved in the 2019 Capital budget, improved the traffic operations and safety for all road users at the intersection of Paris Road at Terrace Hill Street by eliminating the traffic islands and channelized right turn from northbound Paris Road to Terrace Hill Street. The removal of the traffic islands and free-flow movement will better accommodate the installation of traffic control signals at the rebuilt typical “T” intersection in the future stages of the Ava Road Bridge rehabilitation Program.  The “Yield” sign, facing vehicles turning right from northbound Paris Road to eastbound Terrace Road, was also
removed; therefore the by-law for the sign can be repealed. The former location of the “Yield” sign is illustrated in Figure 1.

9.0 Financial Implications

There are no financial implications resulting from the recommendation in this report.

Funding to remove the “Yield” sign was included in the Ava Road Bridge Rehabilitation Program and intersection Improvements Capital Project (BR1805).

10.0 Conclusion

The “Yield” sign on Paris Road at Terrace Hill Street facing northbound traffic on Paris Road turning right on to Terrace Hill Street was removed as part of the intersection reconstruction; therefore the by-law for the sign needs to be repealed.
Figure 1 - Paris Road at Terrace Hill Street - Yield Control to be Repealed
Attachments

Appendix A – Paris Road at Terrace Hill Street – Housekeeping Item

- By-law Amendment – Paris Road at Terrace Hill Street – Housekeeping Item “Yield Right of Way Signs”

In adopting this report, is a by-law or agreement required? If so, it should be referenced in the recommendation section.

By-law required [X] yes [ ] no
Agreement(s) or other documents to be signed by Mayor and/or City Clerk [ ] yes [X] no
Is the necessary by-law or agreement being sent concurrently to Council? [X] yes [ ] no
APPENDIX “A”

A. Paris Road at Terrace Hill Street – Housekeeping Item

a) RECOMMEND that Schedule “2” of Traffic By-law 37-83 which pertains to “Yield Right of Way Signs” BE REPEALED as follows:

<table>
<thead>
<tr>
<th>COLUMN 1</th>
<th>COLUMN 2</th>
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<tbody>
<tr>
<td>Paris Road at Terrace Hill Street</td>
<td>Paris Road (right turn lane for northbound traffic)</td>
</tr>
<tr>
<td><strong>By-law 173-96</strong></td>
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