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Date **December 1, 2020** **Report No. 2020-467**

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

From Indie Hans, P. Eng.,
General Manager, Public Works Commission

1.0 Type of Report

Consent Item []
Item For Consideration [X]

2.0 Topic King George Road at Elm Street and 16 King George Road – Southbound Left Turn Prohibition [Financial Impact - \$100]

3.0 Recommendation

- A. THAT the report 2020-467 King George Road at Elm Street and 16 King George Road – Southbound Left Turn Prohibition BE RECEIVED; and
- B. THAT a left turn prohibition BE BY-LAWED on King George Road at Elm Street and 16 King George Road (south driveway), southbound to eastbound, at anytime, every day; and
- C. THAT Schedule “4” of Traffic Bylaw 37-83 which pertains to “Turns Prohibited” BE AMENDED as outlined in Appendix “A” of Report No. 2020-467; and
- D. THAT the subsequent By-law be presented to Council for adoption.

4.0 Purpose and Overview

To prohibit southbound King George Road traffic turning left in to the southerly driveway of 16 King George Road (Husky gas station).

5.0 Background

Public Works staff received a concern regarding southbound vehicles on King George Road traveling on the wrong side of the median island and making an unsafe left turn into 16 King George Road (Husky gas station). Northbound motorists do not anticipate southbound vehicles traveling illegally within the northbound left-turn lane, increasing the potential of a vehicle collision.

6.0 Corporate Policy Context

City of Brantford Council Priorities, 2021-2022, #3

- A safe, efficient transportation system connects the community across neighbourhoods, with neighbouring communities and provincial transportation network.

7.0 Input from Other Sources

Not applicable.

8.0 Analysis

In 2011, King George Road in the vicinity of Elm Street and Borden Street was reconstructed. In the preconstruction phase, Engineering Services staff received a request to remove the median island north of Elm Street to provide southbound vehicles the opportunity to make a left turn. The median island was not replaced during the reconstruction.

In 2017, staff received a concern regarding southbound vehicles on King George Road traveling on the wrong side of the median island south of Elm Street and making an unsafe left turn in to 16 King George Road. The situation was improved by painting an island where the two-way left-turn lane begins/ends north of Elm Street.

Staff have since received additional concern and witnessed motorists continuing to travel southbound in the opposing northbound left-turn lane to access 16 King George road rather than turning left at Borden Street or St. Paul Avenue to access the plaza.

It is recommended that a “No Left Turn” sign be added to supplement the “Keep Right of Island” sign to help prevent southbound vehicles on King George Road

traveling on the wrong side of the median island and making an unsafe left turn into 16 King George Road. The south entrance to 16 King George Road is not designed or intended to be utilized by southbound vehicles. Access to commercial properties along King George Road will continue to be maintained through Borden Street and St. Paul Avenue. The proposed southbound left-turn restriction at King George Road and Elm Street / 16 King George Road is shown in Figure 1.

Reinstating the median island north of Elm Street is not recommended as it would restrict access to the north entrance of 16 King George Road for vehicles traveling south on King George Road and have a negative impact on the commercial property. The median island would also not restrict vehicles from completing the unsafe southbound left turn in to 16 King Goerge Road.

Figure 1 - King George Road at 16 King George Road - No Left Turn



9.0 Financial Implications


The estimated cost to install a “No Left Turn” sign on King George Road is \$100.

Funding for this work will be provided from the Operational Services operating budget.

10.0 Conclusion

Approval of the recommendation of this report will help prohibit southbound motorists on King George Road traveling on the wrong side of the median island and making an unsafe left turn in to 16 King George Road.


Mark Jacklyn
Director, Operational Services


Inderjit Hans, P. Eng., PMP
General Manager, Public Works
Commission

Attachments

Appendix A – By-law Amendment – King George Road at 16 King George Road / Elm Street – Southbound Left Turn Prohibition

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

By-law required ☒ yes ☐ no

Agreement(s) or other documents to be signed by Mayor and/or City Clerk ☐ yes ☒ no

Is the necessary by-law or agreement being sent concurrently to Council? ☒ yes ☐ no

APPENDIX “A”

A. King George Road at Elm Street and 16 King George Road – Southbound Left Turn Prohibition

- a) RECOMMEND that Schedule “4” of Traffic Bylaw 37-83 which pertains to “Turns Prohibited” BE AMENDED to provide the following:

<u>COLUMN 1</u>	<u>COLUMN 2</u>	<u>COLUMN 3</u>	<u>COLUMN 4</u>
King George Road at 16 King George Road (south driveway)	Southbound	Eastbound	At Anytime, Every day