

COMMITTEE OF THE WHOLE – JUNE 21, 2004

DUFFERIN STREET AND VICEROY ROAD PROPOSED EASTBOUND APPROACH LANE DESIGNATIONS

Recommendation

The Commissioner of Engineering and Public Works recommends:

1. That the existing eastbound lanes at the Dufferin Street and Viceroy Road intersection be designated as an exclusive left turn lane and a shared through/right turn lane;
2. That a by-law be enacted to effect this designation.
3. That the Region of York be advised of the City's actions on this matter; and
4. That York Regional Police be requested to strictly and frequently enforce the lane designations.

Purpose

To review the feasibility of implementing and designating the existing eastbound lanes at the intersection of Dufferin Street and Viceroy Road.

Background - Analysis and Options

Engineering Staff received correspondence from a resident who expressed a concern regarding the traffic operation at the subject intersection. Specifically, eastbound left turn traffic is making a left turn from both lanes on the eastbound intersection approach. The intersection is under Region of York jurisdiction. See Attachments No. 1.

The existing lane configuration on the eastbound approach at the intersection has an exclusive eastbound left turn lane and a shared eastbound through/right turn lane. There are several motorists attempting a left turn from the shared through/right turn lane. There are no existing signs to indicate the current lane configuration at the intersection.

Engineering Staff conducted observations from 4:30 pm to 5:30 pm on May 31, 2004 to determine the extent of the problem. During the study, there were 208 motorists completing an eastbound left turn from the shared through/right turn lane. Motorists delayed by the queuing grow impatient and are using the through/right turn lane to make an illegal left turn at the intersection. In total, 758 eastbound left turns were made at the intersection from 4:30pm to 5:30pm.

York Regional Police have been notified of the problem. However, for proper enforcement there should be regulatory lane designation signs installed with the appropriate by-law.

Relationship to Vaughan Vision 2007

This traffic study is consistent with Vaughan Vision 2007 as to identify and implement innovative traffic management alternatives to improve general traffic safety (1.1.3).

This report is consistent with the priorities previously set by Council and the necessary resources have been allocated and approved.

Conclusion

Based on staff's review, it is recommended that the existing eastbound approach be designated as an exclusive left turn lane and a shared through/right turn lane and signed appropriately. As the intersection of Dufferin Street and Viceroy Road is under the jurisdiction of the Region of York, the Region should be advised of the enactment of a by-law to effect this change.

Attachments

1. Location Map

Report prepared by

Mike Gough, Senior Transportation Technologist, ext. 8784
Mike Dokman, Acting Transportation Supervisor, ext. 8031

Respectfully submitted,

Bill Robinson, P. Eng.
Commissioner of Engineering and Public Works

MG/fc

Michael Won, P. Eng.
Director of Development/Transportation
Engineering

