



DEVELOPMENT SERVICES MEMORANDUM

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TO: MAYOR, J. LEHMAN AND MEMBERS OF COUNCIL

FROM: M. BANFIELD, RPP, DIRECTOR OF DEVELOPMENT SERVICES EXT. 5466

NOTED: M. BANFIELD, RPP, DIRECTOR OF DEVELOPMENT SERVICES/GENERAL
MANAGER OF INFRASTRUCTURE AND GROWTH MANAGEMENT (ACTING)

M. PROWSE, CHIEF ADMINISTRATIVE OFFICER

RE: INVESTIGATION ADVANCE LEFT-TURN SIGNALS (WARD 6)

DATE: NOVEMBER 15, 2021

The purpose of this Memorandum is to provide members of Council with an update concerning the feasibility of adding an advance left-turn signal at the signalized intersections of Ardagh Road and Wright Drive, and at Ardagh Road and Hawkins Drive.

Council passed motion 21-G-032 *"That staff in the Development Services Department investigate the feasibility of adding an advance left turn signal at the following intersections and report back to General Committee:*

- a) Ardagh Road and Wright Drive; and*
- b) Ardagh Road and Hawkins Drive."*

Staff have reviewed the above noted intersections to evaluate the current traffic signal timings and ensure they reflect the current travel patterns and demands. This is achieved through conducting an advanced left-turn queue study during the peak travel periods of the day to observe and record traffic data during the time of day where traffic volumes are their busiest. After the study is conducted, staff review the collected data to ensure adequate traffic signal timings are provided to the current demand of turning vehicles. Please refer to Appendix "A" for a map of the area.

The left turn queue studies were recently performed, and staff found minor delays for eastbound left turning motorists at the intersection of Ardagh Road and Wright Drive during the p.m. peak period (4:30 - 5:30 p.m.) with no found delays at Ardagh Road and Hawkins Drive. Staff modified the existing signal timings to provide additional green time for the left turning vehicles at Ardagh Drive and Wright Drive.


Staff confirmed through a follow up study that the traffic signal timing adjustments did provide motorists with additional gaps in traffic to safely make an eastbound left-turn at the intersection of Ardagh Road and Wright Drive and that an advanced left-turn signal is not warranted at this time for these intersections. Staff will continue to review these intersections in the future unless, otherwise identified as a concern.

APPENDIX "A"



File #:

Address: Ardagh Road/ Hawkins Drive &
Ardagh Road/ Wright Drive

 SUBJECT PROPERTY

