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London
CANADA

Friday September 7, 2018

Chair and Members of the Civic Works Committee
Re: Traffic Signalization at Priority Intersections

During recent discussions concerning the installation of new traffic signals, two (2) Ward 9 and three (3) Ward 5 intersections appeared on the list of high priority intersections. As part of the provincial warrant system used by city staff to prioritize traffic signal locations, traffic volume and delay are measured, among other things. An intersection must meet 80% of each of these two (2) measures or 100% of either one in order to meet the warrant.

At least three (3) of these five (5) intersections are expected to qualify for traffic signals in the short term as they are on the cusp of meeting the provincial warrant.

| <u>Intersection</u> | <u>Traffic Volume</u> | <u>Delay</u> |
|---------------------------------------|-----------------------|--------------|
| Pack Road & Colonel Talbot Road | 82% | 69% |
| Blackwater Road & Adelaide Street | 77% | 84% |
| Sunningdale Road & South Wenige Drive | 74% | 77% |

The other Ward 9 and Ward 5 intersections on the list are Oxford Street & Riverbend Road (which hasn't been studied yet) and Stackhouse Avenue & Fanshawe Park Road (which was studied in early 2017). Given that explosive development continues to occur in both areas, especially with the recent completion of the Fanshawe Park Road widening, new traffic studies of these intersections are necessary.

Finally, in light of council discussions regarding the provincial warrant system, it would be useful to examine whether the method used by the City of London to determine prioritization for traffic signals adequately captures local conditions and growth projections in determining the need for signalization at intersections like Stackhouse Avenue and Fanshawe Park Road, among others.

We request, therefore, that the following recommendation be supported:

"The Civic Administration BE DIRECTED to:

- Conduct detailed design work on the following intersections of Pack Road & Colonel Talbot Road; Blackwater Road & Adelaide Street; and Sunningdale Road & South Wenige Drive – thus, when they meet the warrant, traffic signals can be installed without further delay;
- Conduct an updated traffic study at Oxford Street & Riverbend Road and Stackhouse Avenue & Fanshawe Park Road; and
- Review the current warrant system and best practices in other municipalities and report back with possible changes to the way we prioritize intersections for traffic signalization where appropriate."

Respectfully Submitted,

Anna Hopkins
Councillor, Ward 9

Maureen Cassidy
Councillor, Ward 5