



TOWN OF MINTO

DATE: May 17, 2018

REPORT TO: Mayor and Council

FROM: Mike McIsaac Road Foreman

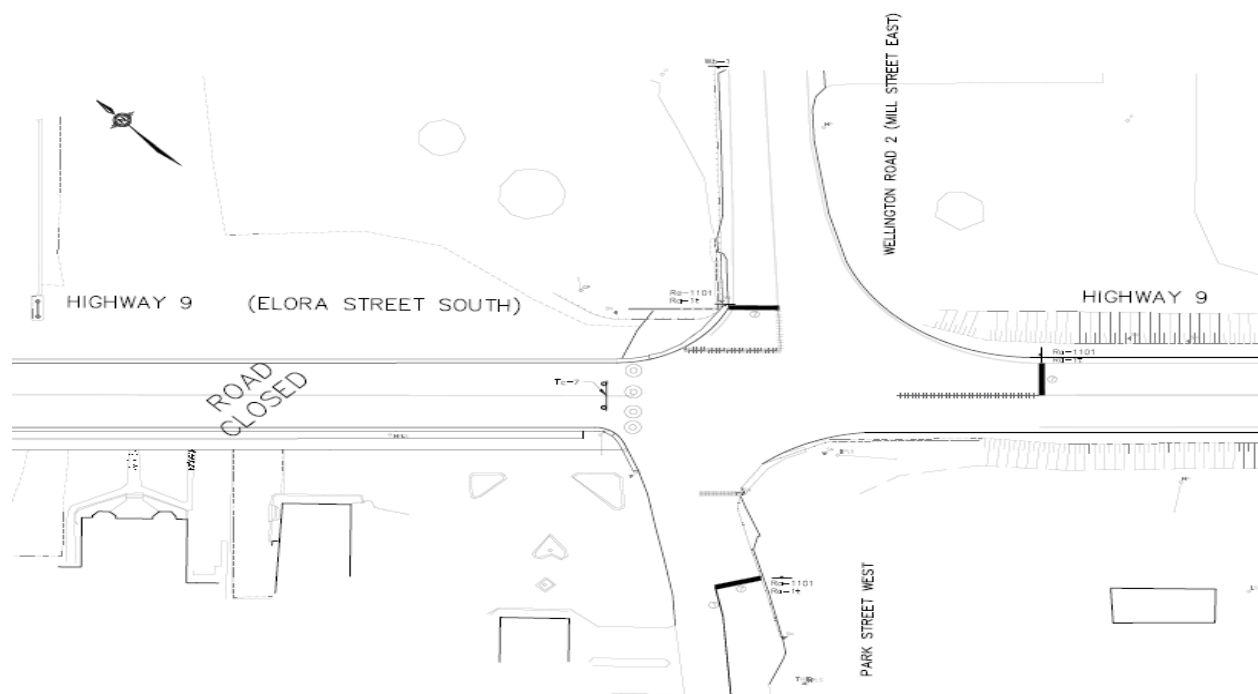
SUBJECT: Temporary All Way Stop

STRATEGIC PLAN

Develop a transportation plan that includes a roads and bridges inventory and capital replacement program keeping in mind sustainable funding sources, impact on tax rate, and minimum construction and maintenance standards.

BACKGROUND

As part of the Reconstruction of Elora Street, Clifford, the detour route must receive approval by the MTO. Triton Engineering, on behalf of the Town, submitted a variety of Temporary PHM-125 drawings (MTO legal intersection plan) for the Elora St/Allan St and Elora St/Park St W/Mill St E intersections along the proposed detour route. In order to address the awkward truck turning movements at the Park St/Mill St/Elora Street intersection, the use of a temporary 3-way traffic signal control by ways of either portable or span wire traffic signals was originally proposed. Due to restrictions with respect to the proximity of the Coon Creek Bridge, the intersection, as well as MTO policy against the use of a 3-way portable traffic signal system the remaining viable alternative by the MTO was the use of a temporary "All Way" stop. This results in the addition of an oversized stop sign on Elora St (Hwy #9) at this intersection and adjustment of the existing stop bars on both Mill Street and Park Street.



MTO direction states the temporary changes to the intersection should include the following:

- Oversize Stop Signs;
- Oversize Stop Ahead Signs;
- 60 cm stop blocks;
- Reinstate the intersection back to existing conditions (removal of signs and stop blocks) at the end of the construction season;
- The ministry would like to see a sign and pavement marking plan for this temporary condition;
- For guidance on the placement of the signs and markings refer to OTM Books 5 and 6.

The temporary “All Way” stop intersection arrangement will be monitored throughout the course of construction by the Contract Administrator and Contractor as it is required. The temporary by-law will need to be in-place until the end of the construction contract.

COMMENTS

The installation of the signs and paint markings need to be completed prior to construction commencement on the proposed May 28, 2018 start date enforceable by By-Law. As construction proceeds, a fourth leg at the north side of the intersection may be required for movement of local traffic entering and exiting the site, as such; the By-law needs to have the authority to add this fourth stop sign. The approval of a temporary “All Way” stop at this intersection will allow for this modification should it be necessary, however; if it is revealed that the Elora Street signs are not warranted or create confusion to traffic, the By-law will provide the authority to have these removed at any time during the course of construction.

FINANCIAL CONSIDERATIONS

Minimal costs associated with this added project will be funded through the Connecting Link Program.

RECOMMENDATION

THAT Council receives the Road Foreman’s May 17, 2018 report and considers the Proposed By-Law instating a temporary “All Way Stop” at the Elora St/Mill St E/ Park St W Intersection in Clifford as required for the duration of the Connecting Link Funding Project during open session.

Mike McIsaac
Roads Foreman