
HALDIMAND COUNTY

Report ENG-06-2021 Conversion of Yield Signs to Stop Signs - Mount Olivet Road and Meadows Road



For Consideration by Council in Committee on June 22, 2021

OBJECTIVE:

To amend Haldimand County Stop Control By-law 1955/18 to include the installation of stop controls at the intersections of Mount Olivet Road and Meadows Road in South Cayuga.

RECOMMENDATIONS:

1. THAT Report ENG-06-2021 Conversion of Yield Signs to Stop Signs - Mount Olivet Road and Meadows Road be received;
2. AND THAT Haldimand County Stop Control By-law 1955/18 Schedule "A" Rural, be amended as outlined in Report ENG-06-2021.

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Reviewed by: Kristopher R. Franklin, Manager, Engineering Services

Respectfully submitted: Tyson Haedrich, M. Eng., P. Eng., General Manager of Engineering & Capital Works

Approved: Craig Manley, MCIP, RPP, Chief Administrative Officer

EXECUTIVE SUMMARY:

The 2021 Granular Conversion project on Mount Olivet Road includes upgrades and realignment of the intersection of Mount Olivet Road at Meadows Road. The realignment will create a more traditional T-intersection and the existing yield control configuration will be upgraded and modified to stop controls at the intersections of Meadows Road at Mount Olivet Road and Meadows Road at Meadows Road to be consistent with rural intersections across the county.

The traffic controls at the southeasterly intersection of Meadows Road at Mount Olivet Road are also being changed to require a stop condition on Meadows Road. This configuration will allow for Mount Olivet Road to be a through road at this intersection.

A modification to the Haldimand County Stop Control By-law 1955/18 is required to convert the intersections to Stop Control.

BACKGROUND:

To create County-wide consistency in the traffic control signage at rural intersections, staff have recommended that intersections with yield controls be converted to stop controls. The conversions of intersections to stop control have been incorporated to existing intersections where applicable or during upgrades associated with capital projects.

The 2021 capital budget included the granular conversion of Mount Olivet Road. As a part of the project, the intersection at Mount Olivet Road and Meadows Road will be realigned to create a more traditional T-intersection and the existing yield control configuration will be upgraded and modified to stop controls at the intersections of Meadows Road at Mount Olivet Road, Meadows Road at Mount Olivet Road and Meadows Road at Meadows Road.

The traffic controls at the southeasterly intersection of Meadows Road at Mount Olivet Road are being also being changed to a stop condition on Meadows Road. This configuration will allow for Mount Olivet Road to be a through road at this intersection.

The proposed intersection realignment and conversion of yield signs to stop signs on Mount Olivet Road and Meadows Road are shown in Attachment 1.

ANALYSIS:

The Highway Traffic Act (HTA) allows for a Municipal Council to implement stop conditions at intersection of highways under its jurisdiction. A by-law is required to formally enact a stop condition.

To create the stop control conditions at intersections on Mount Olivet Road and Meadows Road the following changes to the Haldimand County Stop Control By-law 1955/18 are required:

Haldimand County Stop Control By-law 1955/18 Schedule "A" Rural Areas - to Add

Street	Intersection (At)	Direction
Meadows Road	Meadows Road	Northbound
Meadows Road	Mount Olivet Road	Southbound
Meadows Road	Mount Oliver Road	Southbound

FINANCIAL/LEGAL IMPLICATIONS:

Not applicable.

STAKEHOLDER IMPACTS:

Not applicable.

REPORT IMPACTS:

Agreement: No

By-law: Yes

Budget Amendment: No

Policy: No

ATTACHMENTS:

1. Map of Intersection Realignment and Conversion of Yield Signs to Stop Signs