

Ottawa County Road Commission

14110 Lakeshore Drive
P.O. Box 739
GRAND HAVEN, MI 49417
Phone (616) 842-5400 Fax (616) 850-7237

December 21, 2016

Mr. Patrick Waterman, Manager
City of Hudsonville
3275 Central Boulevard
Hudsonville, MI 49426

Reference: Suggestion to provide Multi-Way Stop control at the intersection of 40th Avenue and Highland Drive (New Holland Street).

Dear Mr. Waterman:

Thank you for contacting the Ottawa County Road Commission suggesting Multi-Way Stop control be re-instated at the referenced intersection. The Multi-Way Stop control was removed (Highland/New Holland no longer stopped) in 2000 following the reconstruction of Highland Drive and a joint recommendation between the City of Hudsonville and the Ottawa County Road Commission based on a warrant analysis which included projected traffic volumes for the area.

As part of the evaluation process to determine if a change in traffic control is needed at an intersection, the road commission follows the nationally accepted traffic engineering criteria as specified in the Michigan Manual of Uniform Traffic Control Devices, 2011 Edition (MMUTCD). State statute requires all public road authorities to use this document.

MMUTCD criteria used to justify Multi-Way Stop control includes evaluation of crash and traffic data. The crash requirement indicates that five or more accidents (right turn, left turn or right angle) within a 12 month time period might signify that Multi-Way Stop control may be advisable provided traffic volumes on the intersection roads are approximately equal. A review of crash records from the Michigan State Police from 1/1/12 through 11/1/16 indicates there were only four reported crashes (all property damage only) at this location during that time period.

The MMUTCD also specifies a threshold of volumes to be met for 8 separate hours of the day may also indicate Multi-Way Stop control may be warranted. 24-hour traffic volume intersection approach counts provided by the city indicate the volume threshold was not met for any hours of the 24-hour period and thus insufficient for meeting the traffic criteria. It should also be noted the existing traffic volumes are approximately 28% lower than what was projected in 1999 resulting in the removal of the previous Multi-Way Stop control.

Based on the review of crash and traffic data, none of the warrants used to justify Multi-Way STOP control are met and it would be very difficult to justify Multi-Way Stop control at this time. If you have any questions or comments regarding the findings, please call me at 850-7220.

Sincerely,

A handwritten signature in black ink, appearing to read "Fred Keena", written in a cursive style.

Fred Keena
Traffic Engineer

Cc: Mr. Dan Carlton, Georgetown Township Manager
Mr. Ken Bergwerff, Jamestown Township Supervisor

Ottawa County Road Commission

14110 Lakeshore Drive
P.O. Box 739
GRAND HAVEN, MI 49417
Phone (616) 842-5400 Fax (616) 850-7237

December 21, 2016

Ms. Karel Rodgers
2980 Green Meadow Drive
Apt. #4
Jenison, MI 49428

Reference: Request for traffic signal at the Meijer Driveway onto Baldwin Street.

Dear Ms. Rodgers:

This will acknowledge your December 18th letter regarding the potential need for providing a Stop and Go Traffic Signal on Baldwin Street at the Meijer driveway west of Cottonwood Drive. The Ottawa County Road Commission has a continuing traffic safety improvement program and appreciates your interest in this issue.

Unfortunately, history has repeatedly demonstrated that intersections typically experience an increase in both the number and severity of crashes following the installation of a Stop and Go Traffic Signal. Because we are concerned with traffic safety only those intersections which meet the nationally recognized traffic engineering criteria including minimum volume, delay and crash experience for traffic signal use are considered for this type of control.

Since this is a private driveway the road commission would require that Meijer initiate a request for a traffic and operational study at this location as they would be responsible for the cost of installation and maintenance of the traffic signal if it was warranted and approved. You may want to contact Meijer to gauge their interest regarding this issue.

Please contact me if you have any further questions or comments.

Sincerely,



Fred Keena
Traffic Engineer

Cc: Dan Carlton, Georgetown Township Manager

RECEIVED

DEC 21 2016

OSHTAWA COUNTY ROAD
FRANK HAVEN, MICH.

Dec. 18, 2016

OCRC,

Dear Mr. Keena,

Are there any plans in the works to install some way to get out of the Meyer parking area in Jenison if you need to turn left? Preferably without risking your life or the lives of others.

More studies are not required. It does not take a rocket scientist to see that there is no way to turn left out of there safely without breaking Michigan laws.

A ~~z~~ reply will be appreciated.

Karel Rodgers
2980 Green Meadow Dr. #4
Jenison, MI 49428

COPY