

**CITY OF ROCHESTER HILLS
DEPARTMENT OF PUBLIC SERVICES**

September 25, 2015

**Location: East Hampton Subdivision - Intersection Norcross Dr and Wentworth Dr
Section 26**

Type of Study: Regulatory Traffic Control

Background

A traffic study was performed on April 16, 2015 for the intersection of Norcross Drive and Wentworth Drive, (East Hampton Subdivision) in response to a traffic information survey request that was submitted by a resident. The intersection was reviewed to determine if a change in the type of regulatory traffic control was warranted as established by Michigan Manual Uniform Traffic Control Devices (MMUTCD).

The existing traffic control order requires Norcross Drive to YIELD for Wentworth Drive. Upon reviewing the intersection in the field we determined the safe available sight distance was adequate, i.e., greater than 280 feet when looking to the southwest and was restricted to 220 feet (due to large arborvitae type trees looking to the northeast). Additionally, the corner sight distance is impeded when cars are parked at house address 844.

The traffic crash history was reviewed from the Traffic Improvement Association TCATS for the period from January 1, 2012 to September 2015. No crashes were identified.

Based upon the above study and available safe sight distance the following regulatory traffic control device (stop/yield sign) is recommended for this intersection:

Recommendation: Norcross Drive STOP for Wentworth Drive.

Action Requested

Request the Advisory Traffic and Safety Board (ATSB) to support having the TCO No. **SS- 148 -15** issued and that the ATSB recommend that the City Council approves the TCO's until rescinded or superseded.

**Paul G. Shumejko, P.E., PTOE
Transportation Engineer**

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