

CITY OF ROCHESTER HILLS
DEPARTMENT OF PUBLIC SERVICES

SOMERSET PINES CONDOMINIUM SUBDIVISION - SECTION #32

September 21, 2015

TRAFFIC CONTROLS

Background

A traffic study was recently performed for the newly constructed streets located within the subject development. The study was initiated by the city accepting the streets for maintenance and declaring said streets open for public travel in 2015. The intersection of Somerset Boulevard and Somerset Circle was reviewed to determine the type of regulatory traffic control warranted as established by Michigan Manual Uniform Traffic Control Devices (MMUTCD).

The following is a recommendation for the type of regulatory traffic control device (stop/yield sign) for the intersection based upon the available sight distance as measured in the field:

- **Intersection of Somerset Boulevard and Somerset Circle:**
The necessary safe sight distance required is 280 feet. The field measurements were 235 feet westerly (as restricted by horizontal curve) & 165 feet easterly (as restricted by horizontal curve). Also, vehicles parked in front of homes further restricts the sight distance as witnessed with home builder contractor vehicles parked in the roadway.

Recommend Somerset Boulevard STOP to Somerset Circle TCO SS-147-15

Action Requested

Request the Advisory Traffic and Safety Board (ATSB) to support having **TCO SS-147-15** issued and to recommend that the City Council approves the TCO until rescinded or superseded.

Paul G. Shumejko, P.E., PTOE

Transportation Engineer

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