

CITY OF ROCHESTER HILLS  
DEPARTMENT OF PUBLIC SERVICES

REGAL ESTATES CONDOMINIUM SUBDIVISION - SECTION #25

March 15, 2016

**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 Jewell Drive and Demar Drive was reviewed to determine the type of regulatory traffic control warranted as established by Michigan Manual Uniform Traffic Control Devices (MMUTCD).

The following is recommended 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 Jewell Drive and Demar Drive:**  
The necessary safe sight distance required is 280 feet. The field measurements were 370 feet westerly (as restricted by intersection at Gravel Ridge Dr) & 280 feet easterly (as restricted by Dead End).

**Recommend Jewell Drive YIELD to Demar Drive TCO YS-111-16**

**Action Requested**

Request the Advisory Traffic and Safety Board (ATSB) to support having **TCO YS-111-16** issued and to recommend that the City Council approves the TCO until rescinded or superseded.

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

**Transportation Engineer**

**PGS/pgs**