

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

**October 3, 2005**

**TRAFFIC CONTROLS  
MEADOW CREEK CONDOMINIUMS No.2 (SECTION 33).**

**Background**

A traffic study was recently performed for the newly constructed streets located within the above subject development. This study was initiated by the city accepting the streets for maintenance and declaring said streets open for public travel. The intersections within this development were reviewed to determine the type of regulatory traffic control warranted as established by Michigan Manual Uniform Traffic Control Devices (M.M.U.T.C.D).

At this time, no permanent sight obstructions exist at any of the intersection quadrants that would adversely impact the safe approach speeds.

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

- 1) **Intersection of Wren Lane at Gilsam Ave.:**  
Sight distance measured 583' westerly & 265' easterly (restricted by horizontal curvature).  
**Recommend Wren Lane stop for Gilsam Ave..**
- 2) **Intersection of Mildred Ave. at Gilsam Ave.:**  
Sight distance measured 278' westerly & 198' easterly (restricted by horizontal curvature).  
**Recommend Mildred Ave. stop for Gilsam Ave..**
- 3) **Intersection of Cinnabar Drive at Wren Lane:**  
Sight distance measured 157' Northerly (to road terminus) & 576' southerly.  
**Recommend Cinnabar Drive yield at Wren Lane.**
- 4) **Intersection of Cinnabar Drive at Fantail Drive:**  
Sight distance measured 563' northerly & 643' southerly.  
**Recommend Cinnabar Drive to yield for Fantail Drive.**
- 5) **Intersection of Newstead Lane at Fantail Drive \ Court:**  
Sight distance measured 387' northerly to cul-de-sac & 650'+ southerly.  
**Recommend Newstead Lane to yield for Fantail Drive\ Court.**