

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

January 31, 2006

**TRAFFIC CONTROLS
CLEAR CREEK SUBDIVISION NO. 3 & No. 4 (SECTION #2)**

Background

A traffic study was recently performed for the newly constructed streets located within the above subject developments. 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 Glacial at Galena:**
The safe sight distance measured 393' westerly (to Docile) & 578' easterly.
Recommend Glacial to yield for Galena.

- 2) Intersection of Passive at Galena:**
The safe sight distance measured 468' northwesterly & 357' southerly.
Recommend Passive to yield for Galena.

- 3) Intersection of Galena at Quarry:**
The safe sight distance measured 327' westerly & 510' easterly.
Recommend Galena to yield for Quarry.

- 4) Intersection of Traceky at Quarry:**
The safe sight distance measured 544' westerly & 534' easterly.
Recommend Traceky to yield for Quarry.

- 5) Intersection of Serene at Passive:**
The safe sight distance measured 351' easterly & 345' westerly.
Recommend Serene to yield for Passive.

6) Intersection of Passive at Traceky:

The safe distance measured 241' southerly (restricted by horizontal curvature) & 203' northerly (restricted by horizontal curvature).

Recommend Passive to stop for Traceky.

7) Intersection of Petosky at Traceky:

The safe sight distance measured 431' southerly & 285' northerly.

Recommend Petosky to yield for Traceky.