

**City of Rochester Hills  
Department of Public Service**

**Traffic Study Summary  
For Nawakwa from Rochester Rd. Easterly to Road Terminus  
Speed Study**

April 30, 2004

**Background**

Recently we received several inquiries about the existing posted speed limits on Nawakwa Road, east of Rochester Road (Section #35). The current speed limits on this segment of roadway are posted as 45 mph from Rochester Road to 180' west of Joshua and 35 mph from 180' west of Joshua to Nawakwa terminus (map attached). Nawakwa speed limits were adopted under Traffic Control Order (TCO SL-9), January 31, 2001.

Currently two new site developments are under construction that will have direct access to Nawakwa Road. A single-family development (County Club Villas of Rochester Hills) will have 256 new home sites at the end of Nawakwa Road and Senior Congregate Housing Center located approximately 850' east of Rochester Road. With the addition of these developments, the majority of Nawakwa road frontage will still remain non-residential and therefore not meet the criteria for prima facie 25 mph speed limit.

In reevaluating Nawakwa's current speed limit, we reviewed SEMCOG six (6) year traffic crashes during 1997 through 2003 and found only one reported traffic incident. Speed studies results from automatic traffic recorders, placed in field during a 48 hour period, will be distributed to Advisory Traffic & Safety Board members at the May 11th meeting. The speed summary reports will provide the average and prevailing speed (85th % percentile) speeds at two separate locations for Nawakwa Road. Other previous traffic studies indicated that the safe curve speed for the two curves on Nawakwa between Rochester Rd. and Joshua Dr. were not a controlling feature for setting a realistic speed limit.

**Action Requested**

Review City speed studies in setting one continuous and realistic speed limit for Nawakwa Road. Recommend Traffic and Safety Board support having TCO No. SL-13 issued, for 35 mph speed limit for Nawakwa Road from Rochester Road easterly to road terminus, and rescind and supersede TCO No. SL-09.

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