

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

September 29, 2015

Location: Clear Creek Subdivision - Clear Creek Drive - Section 2

Type of Study: Regulatory Traffic Control - Speed Limit

Background

A traffic study was performed along Clear Creek Drive to determine the warranted speed limit, as established by Michigan Manual Uniform Traffic Control Devices (M.M.U.T.C.D) and accepted traffic engineering principles. This study was initiated after completion of Sheldon Road being paved up to Mead Rd.

Clear Creek Drive is designated as an City Major Collector road. Traffic speed counts were obtained in September 2015 to identify the 85th percentile speed. Data was also collected in May 2014 prior to the paving of Sheldon Road. The results of the traffic speed study are summarized below and are attached for your reference.

Traffic Count	Location		Date of Study	
			May-14	Sep-15
1	West of Tranquility Ct	ADT	852	760
		85th % Speed (MPH)	32	33
2	North of Majestic	ADT	1770	1543
		85th % Speed (MPH)	33	33
3	South of Panorama	ADT	2530	2079
		85th % Speed (MPH)	31	32

Traffic crash data was obtained from the Traffic Improvement Association's website for the period of January 1, 2012 through present and is attached for reference (copy attached). There were a total of 2 crashes during this timeframe. 1 was an angle crash and 1 was a side swipe.

The request from the Clear Creek Subdivision association has been to post Clear Creek Drive at 25 MPH since it is a subdivision road. Based solely on the results of the traffic study, the recommendation would be to maintain the current speed limit of 30 mph for Clear Creek Drive. However, Public Act 85 of 2006 allows for streets within a platted subdivision to be posted at 25 MPH without the need for a traffic study.

There are 2 options for the ATSB to consider. 1) Revise the speed limit in conjunction with the Sheldon Rd speed limit revision and support having TCO No. SL-19-15 issued at this time, and the ATSB recommend that the City Council approve this TCO until it rescinded or superseded; or 2) Recommend a speed study be performed along Clear Creek Dr 30 days after the posting of the revised Sheldon Rd speed limit. Then review whether the increased speed limit along Sheldon Rd has an impact on the speeds along Clear Creek Dr and re evaluate at a subsequent ATSB meeting.

Action Requested

Request the Advisory Traffic and Safety Board (ATSB) to decide between option 1 and 2, whether to support having the TCO No. **SL-19-15** issued at this time or request further evaluation after Sheldon Rd speed limit is reposted.

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