



TRAFFIC IMPROVEMENT ASSOCIATION

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February 8, 2007

Michael Culpepper
City Manager
City of Auburn Hills
1899 Squirrel Road
Auburn Hills, MI 48326

Paul Shumejko
Traffic Engineer
City of Rochester Hills
1000 Rochester Hills Drive
Rochester Hills, MI 48309

Dear Mr. Culpepper and Shumejko:

Based on the consensus of attendees at our recent meeting regarding speed limits on Tienken Road between Adams and Squirrel Roads, TIA agreed to review the traffic speed data gathered by the Auburn Hills Police Department and the Rochester Hills Engineering Department. We agreed that the speed limit would be set temporarily as determined by the speed data available. After the weather is conducive to collecting speed data, a comprehensive speed study will be conducted by TIA with TIA's traffic counters. At that time a recommendation will be made to establish a permanent speed limit.

The data gathered by both departments is summarized in the table below and details are attached.

CITY	AVERAGE SPEEDS	85 TH PERCENTILE SPEEDS *
Auburn Hills	32	37
Rochester Hills	41	45

The 85th percentile speed is that speed that 85 percent of the drivers are driving at, or below. It is the basis for establishing realistic speed limits.

Based on this preliminary data, we suggest that a temporary 35 MPH speed limit be posted to replace the 25 MPH limit near the west limits of this project. The existing 40 MPH speed limit should remain as is until the comprehensive study is completed. We feel that the 35 MPH is a speed limit that is closer to the 85th percentile speed than the 25 MPH limit and will result in better compliance by drivers because it eliminates the 15 MPH speed limit difference between the east and west ends of this study area.

If you would like to discuss this matter further, please contact me. TIA is prepared to collect speed data in mid to late April after Easter and the weather is conducive to accurate data collection. The committee will then meet to select a permanent speed limit on Tienken Road.

Sincerely,

Robert V. DeCorte, PE
Vice President – Engineering and Data Services

Attachments