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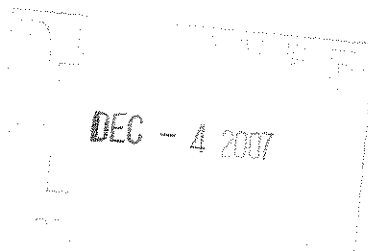
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December 4, 2007

Mr. Paul G. Shumejko, Traffic Engineer
City of Rochester Hills
1000 Rochester Hills Drive
Rochester Hills, Michigan 48309



Dear Mr. Shumejko,

At your request, the Traffic Improvement Association (TIA) recently conducted a traffic speed evaluation on Tienken Road, between Adams Road and the Rochester Hills City Limit. The primary objective was to establish a realistic speed limit.

SUMMARY OF SPEED DATA

The traffic speed evaluation was conducted by placing two automatic traffic counters on the side of the road to collect the speed of every vehicle for a 48-hour period. The speeds of 12,199 vehicles were collected and recorded on Tuesday, Wednesday, and Thursday, May 8, 9, and 10, 2007. A summary of the results is shown in the table below (details are attached).

DIRECTION	NUMBER OF VEHICLES	AVERAGE SPEED	85 th PERCENTILE SPEED *
Eastbound	5,550	42 MPH	47 MPH
Westbound	6,649	41 MPH	45 MPH
Eastbound/Westbound	12,199	41.5 MPH	46 MPH

*The 85th percentile speed is the speed that 85 percent of the drivers are driving at, or below.

The 85th percentile is the basis for establishing a realistic speed limit. Tests, studies, and research have consistently shown that the risk of traffic crashes lessen when the posted speed limit is set as close as possible to the 85th percentile speed. When the speed limit is set artificially low there is a large variance in speeds. This variance in vehicular speeds contributes to sideswipe and rear-end crashes. When the speed limit is set near the 85th percentile, it is more reasonable to all drivers and the compliance to the posted speed limit is much greater. This reduces crashes and road rage incidents.

CONCLUSION

Based on the information that was collected by the automatic traffic counters and the existing speed limit on the west section of Tienken Road, we suggest that consideration be given to keep the posted speed limit at 40 MPH. This will provide drivers with a reasonable speed limit that will result in better speed compliance, lower speeds, and risk reduction.

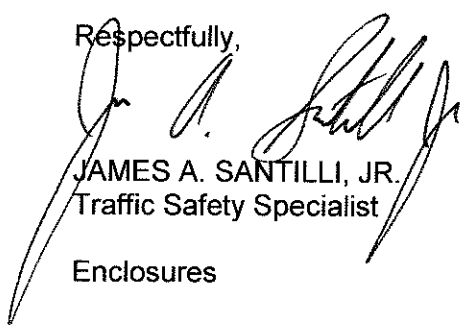
CELEBRATING TRAFFIC SAFETY SERVICES
SINCE 1967

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If you have any questions, or if we can be of any further assistance, please don't hesitate to contact us.


Thank you for your concern for traffic safety, and we hope that you will find this information to be useful.

Respectfully,



JAMES A. SANTILLI, JR.
Traffic Safety Specialist

Enclosures



ROBERT V. DECORTE, P.E.
Vice President

CC: Mr. Marc Matich, Traffic Technician (City of Rochester Hills)
Deputy Chief James H. Mynsberge (City of Auburn Hills)
Chief Doreen E. Olko (City of Auburn Hills)
Mr. Roger Rouse, Director of Public Services (City of Rochester Hills)