



TRANSPORTATION IMPROVEMENT ASSOCIATION

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January 24, 2023

Mr. Bill Fritz
Director of Public Services
Rochester Hills Department of Public Services
1000 Rochester Hills Drive
Rochester Hills, Michigan 48309

Dear Mr. Fritz:

Enclosed you will find an invoice for the Transportation Improvement Association's (TIA) government membership (01/01/2023 - 12/31/2023). Membership dues for cities and villages are based on Act 51 funds (0.5%). This formula, which allows for fluctuations in revenue experienced by the municipalities, was recommended by the Oakland County City Managers Association more than 30 years ago. Membership dues for townships are based on population and participation of the county road agency. Although Act 51 funding increased significantly during prior years, TIA opted to do minor occasional increases as a result of the deteriorating roads. The current membership rates that are based on Act 51 funds reflect a 25% reduction.

As a member of TIA, a shared transportation safety service, you have access to a variety of engineering, education, and enforcement services. These services are your resource to help save lives, prevent injuries, and improve mobility in your community and throughout Michigan. Your membership includes the use of our licensed traffic engineer and data collection unit, various traffic safety evaluations (i.e. axle classification, crash data analysis, cut-through traffic, gap, on-street and off-street parking capacity, pedestrian and bicycle, review of traffic control plans and traffic impact, school, sight distance, speed limit, stop/yield sign, traffic calming, turning movement, vehicle classification, volume, etc.), education seminars for your employees and community, traffic safety public awareness campaigns, and much more. TIA also applies for and manages law enforcement and teen program grants annually, which benefit many communities.

We're also pleased to provide your community with access to TIA's Traffic Crash Analysis Tool (TCAT). TCAT is a comprehensive web-based traffic crash analysis program that was designed for the detailed study of traffic crashes at any location within the state of Michigan. The program receives a weekly update of data from the Michigan State Police, which guarantees TCAT users are able to analyze the most up-to-date crash data. TCAT has the ability to search various types of locations for specific data, view crash statistics for several categories, interact with a map to obtain detailed crash statistics and other information pertaining to a location, view collision diagrams, review UD-10 crash report images, and create intersection and road segment ranking reports for a comparative analysis. As part of our ongoing commitment to providing you with the best transportation safety resources, TIA is constantly performing updates to ensure we maintain our position of having one of the most advanced traffic crash data systems in the world. TIA recently authorized a nearly \$70,000 project to integrate TCAT with the Michigan Department of Transportation's (MDOT) road network GIS database - ESRI Roads and Highways (R&H). The project was needed due to the State of Michigan discontinuing Framework for the roads and highways database.

TIA made tremendous progress during 2022. We collected traffic data (volume, speed, classification, turning movement, pedestrian count, etc.) at more than 1,215 locations. TIA also completed more than 106 traffic engineering studies, produced 185 traffic crash reports, and provided information to numerous government agencies. In addition, millions of people were educated on a variety of traffic safety topics through TIA's Drive Safe for the Holidays hourly radio traffic safety messages, student distracted driving awareness billboard competition, and other public education initiatives. Virtual seminars were also offered to TIA's government and corporate members, and enforcement mobilizations were coordinated. Six Radar speed signs, which are capable of collecting data, were purchased and may be borrowed by law enforcement agencies.

During 2023, TIA will be assembling a team to review electric vehicle safety. We will also implement monthly virtual seminars for government employees, beginning in March, and offer TCAT training. TIA will send traffic crash summaries and FACT (Facts About Controlling Traffic) sheets by e-mail. To assist with our transition to a paperless process, please complete and return the enclosed Contact Form.

As indicated in the enclosed letters from Oakland County Sheriff Michael Bouchard and Road Commission for Oakland County Managing Director Dennis Kolar, TIA has made significant contributions since 1967 and still continues to have tremendous value. Our team, which includes engineering and law enforcement experts, has more than 100 years of combined experience.

Thank you for your commitment to public safety. We look forward to continuing to provide you with valuable transportation safety engineering, education, and enforcement resources to save lives, prevent injuries, and improve mobility.

Respectfully,

JIM SANTILLI
Chief Executive Officer

MONICA YESH
Chief Operating Officer

The Transportation Improvement Association offers the following transportation engineering services to its government members in Michigan:

- Attend Community Traffic Safety Committee Meetings
TIA's Director of Engineering, a licensed traffic engineer, will attend any traffic safety committee meeting as requested.
- Crash Data Analysis
Produce crash history reports to analyze traffic crash data in a variety of different types of reports specific to any UD-10 attributes reported.
- Cut-Through Traffic Studies
Using traffic data collection and field observation, report on cut-through traffic issues.
- Gap Studies
Conduct a gap study for the purpose of data collection requirements needed in determining appropriate traffic control device warrants.
- On-Street and Off-Street Parking Capacity
Using nationally recognized standards, determine parking capacity and provide recommendations.
- Pedestrian and Bicycle Studies
Collect data and make recommendations on pedestrian and bicycle facilities and crossings.
- Review of Traffic Control Plans
Review construction/work zone traffic control plans for compliance with the Michigan Manual on Uniform Traffic Control Devices (MMUTCD).
- Review of Traffic Impact Analysis
Review a Traffic Impact Analysis for data accuracy and completeness.
- Review of Traffic Impact Studies
Review a Traffic Impact Study for data accuracy and completeness.
- School Studies
Collect traffic data, make site visits to observe operations, and then make recommendations on appropriate traffic control plans and devices.
- Sight Distance Studies
Make field observations and take measurements to determine compliance with applicable standards.
- Speed Limit Studies
Conduct field studies of traffic flow and site conditions to determine an appropriate speed limit recommendation.
- Stop/Yield Sign Studies
Collect traffic data, take measurements, and make field observations to determine the appropriate traffic control for an intersection.
- Traffic Calming
Collect traffic data, take measurements, and make field observations so a recommendation on traffic calming can be determined.
- Traffic Data Collection (Location Specific)
 - Axle Classification
 - Gap
 - Speed
 - Turning Movement
 - Volume
- Traffic Signal Warrant Studies
Collect traffic data required to determine the applicability of traffic signal warrants in accordance with the MMUTCD.