Making Roads Safer
One Member at a Time

American Traffic Safety Services Association

Michael Conoscenti
President- IL ATSSA Chapter
ATSSA Snapshot

Core Purpose

To Advance Roadway Safety

- Approximately 1,200 member companies & public agencies
- 25 Chapters, which cover 40 States
- 8 Committees and 4 Councils
National Committees

- Government Relations Committee
- Guardrail Committee
- Manufacturers & Suppliers Committee
- Membership Committee
- Operating Committee
- Pavement Marking Committee
- Political Action Committee (PAC)
- Sign Committee
- Safety & Public Awareness Committee
- Temporary Traffic Control Committee

National Councils

- Chapter Presidents’ Council
- High Friction Surfacing Council
- Innovation Council
- SHSP Council
• The Flash
• The Signal
• Roadway Safety Advocate
• 90 Second Update
• Partner in Foundation Updates
• ATSSA Website
• Social Media: Facebook, LinkedIn, YouTube & Twitter
• Chapter email blasts
• Special news email blasts
# Training & Education

## 2015 ATSSA Training Stats

<table>
<thead>
<tr>
<th>Category</th>
<th>Count</th>
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<tbody>
<tr>
<td>Number Trained with FHWA Grant:</td>
<td>45,000</td>
</tr>
<tr>
<td>Number Certified:</td>
<td></td>
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<tr>
<td>Online Flaggers</td>
<td>25,000</td>
</tr>
<tr>
<td>Classroom Courses</td>
<td>3,700</td>
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<td></td>
<td>33,000</td>
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</table>

## Cumulative ATSSA Training Stats

<table>
<thead>
<tr>
<th>Category</th>
<th>Count</th>
</tr>
</thead>
<tbody>
<tr>
<td>Number Trained:</td>
<td>&gt;550,000</td>
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<tr>
<td>Number Certified:</td>
<td>&gt;175,000</td>
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Work Zone Strategies (WZS)

• 2 – Day Grant Course focused on strategies specifically designed to improve work zone safety and mobility
  o Work Zone Full Closures
  o Intelligent Transportation Systems Applications
  o Variable Speed Limit
  o Impact Analysis
• FHWA Work Zone Safety and Mobility Final Rule also discussed
• Learn more at http://www.atssa.com/WorkZoneSafetyGrant
Work Zone Safety App

- **Quickly** determine both minimum device spacing & number of devices needed in a work zone.
- **Calculate** the number of devices you need.
- **Customize** your results to incorporate local standards.
- Learn about and apply **best practices** for stationary lane closures and short duration operations.
- **Set up** temporary traffic control areas.

**New Roadway Departure Safety Information Clearinghouse**
*Under Development*

**Research Papers Released Annually**
*Innovative Safety Solutions with Pavement Markings & Delineation*

**Partnering with Federal & State Agencies**
*State Transportation Improvement Centers (STIC), Everyday Counts (EDC), FMCSA New Rules, Changes with HSIP.*

**Free Tuesday Topic Webinars**
Work in Progress: Midyear Meeting Highlights

Chapter Presidents’ Council
• Adopted a condensed *Chapter Management Guide*, providing chapter leaders with important information on how to conduct chapter meetings in collaboration with ATSSA National.

Guardrail Committee
• The BIG Group will be invited to the 2017 Traffic Expo to demo their app for inventorying devices.
Work in Progress: Midyear Meeting Highlights

**Sign Committee**
- Developing a 2017 Traffic Expo workshop called *Innovation in Digital Printing for Compliant and Durable Traffic Signage*.
- Developing a Sign Maintenance & Management education program.

**High Friction Surfacing Council**
- Formed a task force to work on changes to HFS Materials Specification, which was approved by AASHTO last year. The Council encouraged State DOTs to send case studies to ATSSA for inclusion on the highfrictionsurfacing.net website.
Work in Progress: Midyear Meeting Highlights

**Innovation Council**
- The innovate.atssa.com website will be unveiled at the 2017 Expo meeting.
- Identifying industry events for speaking engagements to further the ATSSA message to CV/AV (connected and automated vehicle) innovators across the country.

**Membership Committee**
- Retiree Member – New category for members fully retired from active business and have been previously employed by an ATSSA-eligible entity at the time of retirement.
- Considering the consolidation of member categories (from 14 to 9) for membership simplicity and clarity.
Work in Progress: Midyear Meeting Highlights

Pavement Marking Committee

• Working with FHWA and the V to I process with developing a minimum spec for pavement markings.

Safety and Public Awareness Committee

• Requested funds to update the high visibility garment brochure, per the newly released ANSI standards.
Work in Progress: Midyear Meeting Highlights

MASH-Task Force

- A MASH joint task force will be formed with representatives from the Temporary Traffic Control, Sign and Guardrail Committees, to monitor MASH implementation while ensuring a unified voice for all ATSSA member divisions.

Temporary Traffic Control Committee

- Edits to ATSSA’s Quality Guidelines for Temporary Traffic Control Devices and Features (2014 Edition) were approved. The updated Publication is anticipated in early 2017.
ATSSA’s Industry Event – Traffic Expo 2017

Where the Industry Meets
- ATSSA Members receive discounted rates
- Book your housing & register today
- Attend industry-specific education sessions
- Order exhibitor show services online

Visit EXPO.ATSSA.COM for more information

- 200 Exhibitors
- 3200 attendees
SAVE THE DATE:

May 3 – 4, 2017

Legislative Briefing & Fly-In in Washington, DC

2016 ATSSA Legislative Briefing & Fly-In Stats

<table>
<thead>
<tr>
<th>Number of Attendees:</th>
<th>85</th>
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<tbody>
<tr>
<td>Number of New Attendees:</td>
<td>31</td>
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<tr>
<td>Number of Congressional Visits:</td>
<td>120</td>
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<tr>
<td>Number of States Represented:</td>
<td>25</td>
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</table>
Illinois Emphasis Area Priority Pyramid

- **Priority Level One**
  - Unrestrained
  - Impaired
  - Intersection
  - Roadway Departure

- **Priority Level Two**
  - Speeding/Aggressive
  - Heavy Vehicle
  - Young Driver
  - Pedestrian
  - Older Driver
  - Motorcycle

- **Priority Level Three**
  - Work Zone
  - Pedalcyclist
  - Highway-Railroad Grade Crossings
  - Distracted/Drowsy/Fatigued

- **Cross Disciplinary Areas**
  - Traffic Incident Management
  - Information Systems
Work Zone Fatalities (2005-2014)

If fatalities are reduced by an average of just over 1 fatality per year, Zero Fatalities would be achieved by 2034.
Improvement of existing devices

- Pedestrian safety
- Arrow boards
  - Remote access
- Barrels
  - 6” vs 4” stripe
Attenuators in the Work Zone

- Severe Use

- Fully Re-directive narrow temporary TL-3
Attenuators in the Work Zone

- TL-3 narrow water filled
Smart Work Zone Barrel

• Increase the use of Smart Work Zones to provide real time information to road users (i.e. speed)

• Incorporate the use of Smart Work Zone Systems in short term operations

• Utilize alternate type of Smart Work Zone Systems
  – Travel Time
  – Alternate Routes
  – Queue Detection
  – Dynamic Merge
Portable message centers-info

- Increase the use of PCMS to inform road users of changing conditions
- Decrease worker exposure by changing messages remotely
PMC real time info
PMC real time info

![Image of a sign saying "STOPPED TRAFFIC 2 MILES"]
PMC real time info

• Speed
• Trailers
Temporary/Portable Rumble Strips

- Increase the use of temporary rumble strips in locations with expected queues to enhance drivers' attention.
Wet Reflective Tape
TMA’s

- Use for setup and ongoing construction in work zones
Synchronized LED’s in WZ
High Friction Surfacing

• Helping with roadway departure
Project Information Signs

• Communicating with the motorist about the project reduces frustration
  – Timeline for the job
  – How is this construction going to benefit the motorist
Project information signs

• Use of Florescent Orange strictly for guiding motorist through the work zone.
Digital printing Signs

• Use of dimensional images
• Use of color for information about the job
ATSSA Case Study Document
Smarter Work Zones

• 12 case studies
• 12 different States
• Various applications
Questions?

Contact:

Michael Conoscenti: mike@westernremac.com

ATSSA at 800-272-8772 memberservices@atssa.com