



Pennsylvania Traffic Incident Management Enhancement (PennTIME)

Wednesday January 25, 2023

1:00pm – 3:00pm

Meeting Notes

Attendees*

<i>DC Girt Allerton, Phila. Fire Dept.</i>	<i>John Fugelo, Bucks County</i>	<i>Nolan Ritchie, PA SEN</i>
<i>Rod Ammon, Responder Safety ERSI</i>	<i>Christopher G. Henry, Federal Motor Carrier Safety Administration</i>	<i>Nick Rotondo</i>
<i>Kayle Bancone, DVRPC</i>	<i>Erik Hickle, PA Turnpike Commission</i>	<i>Paul Sabol, Pittsburgh</i>
<i>Gabby Benson, Drive Engineering</i>	<i>Bill Howard, PA Turnpike Commission</i>	<i>Timothy Scanlon, PA Turnpike</i>
<i>Doug Baird, Midway VFD</i>	<i>Ryan Hoff, PA Turnpike Commission</i>	<i>Bart Shellenhamer, Dauphin County</i>
<i>Christopher Bendl, ATS PA</i>	<i>Diane Garber, East Hemp Field</i>	<i>Craig Shuey, PA Turnpike</i>
<i>Dave Bentz, Exeter Township Police</i>	<i>Joe Gerdes, PSATS</i>	<i>Don Shutt, NDC4Regional EMA</i>
<i>Andrew Boni, PA Turnpike</i>	<i>DC Girt Allerton, Philadelphia Fire Dept.</i>	<i>Todd Smith, PA Turnpike Commission</i>
<i>Nathan Bordner, PA Turnpike</i>	<i>Song Kim, Lebanon County Planning Department</i>	<i>William Spaeth, Bucks County</i>
<i>David Boucher</i>	<i>Joel Landis, Somerset County EMA</i>	<i>Dan Spies</i>
<i>Jeff Bowman, Region # 2 Law Enforcement Liaison- Highway Safety Network</i>	<i>Ted Leonard, AAA PA</i>	<i>Joshua Spano, SPC</i>
<i>David Brown, Montgomery County Public Safety</i>	<i>Chris Lengle, HS Network</i>	<i>Eric Sponsler, Jacobs</i>
<i>Stan Caldwell, CMU</i>	<i>Katie Lizza, PSATS</i>	<i>Michael Souder</i>
<i>Rober Carovillano, Montgomery County</i>	<i>Michael Macari, PennDOT</i>	<i>John Tihansky, PA Turnpike</i>
<i>Mike Cox, Lionville FD</i>	<i>Kevin Mahoney, Drive Engineering</i>	<i>Kevin Tobias, PennDOT</i>
<i>John DeRicci, PA Turnpike</i>	<i>Adam Marshall, PennDOT</i>	<i>Andrew Ventura, PA Turnpike Commission</i>
<i>Daniel Datesman, PA Turnpike</i>	<i>Ron Miller</i>	<i>Vijay Varadarajan, HNTB</i>
<i>Justin Eberly, VFIS</i>	<i>Keith Miller, RIDC</i>	<i>Garth Warner, Derry Township</i>
<i>Matthew Elliott, PA Dept. of Transportation</i>	<i>Sherry Morgan, Penn Towing Assoc.</i>	<i>Jason Weikel, Lebanon County Department of Emergency Services / Lebanon County TIM Team</i>
<i>John Englert, EMS Program Manager - PA DOH BEMS</i>	<i>Justin Neff, DVRPC</i>	<i>Mark Wineland, PA OSFC</i>
<i>Melissa Etwiler</i>	<i>John Niles, PA State Police</i>	<i>Dave Wolfe, Drive Engineering</i>
<i>Brian Feist, McCutcheon Enterprises</i>	<i>Jerry Ozog, PFESI</i>	<i>Charles Yorks, GFNET</i>
<i>Nate Keel, PA Turnpike Commission</i>	<i>Mike Pack, PA Turnpike Commission</i>	<i>Tracie Young-Brungard</i>
<i>Chris King DVRPC</i>	<i>Christopher Parker, PA Turnpike</i>	<i>Karl Ziemer, AECOM</i>
<i>Jennifer Layman, PA Turnpike</i>	<i>Joshua Pfeiffer, Bowmansville Fire Co/ESRI</i>	<i>Michael Zoshak, PA Turnpike</i>
<i>Jon Fitzkee, Lebanon County Planning Department/LEBCO MPO</i>	<i>John Plessinger, Clinton County DES</i>	<i>Ellie Ezzell Zytka, RIDC</i>
<i>Matt Frampton, South Central PA Highway Safety</i>	<i>Eric Rickenbach, Rescue Techs</i>	

*All attendees joined virtually via Microsoft Teams

Todd Leiss welcomed attendees to the 1st quarterly meeting of 2023. Todd showed the “Faces of the Fallen” video to display the responders killed in struck-by incidents nationwide since the last PennTIME meeting. Todd Leiss noted there were 4 Pennsylvania responders killed in struck-by incidents in 2022. Nationwide, 51 emergency responders perished in highway incidents last year:

- Law Enforcement: 17
- Fire/Rescue: 9



- Tow Operators: 18
- Road Service Technician: 4
- Safety Service Patrol: 1
- DOT/Construction/Maintenance: 0
- EMS: 2

2022 Year In Review & 2023 Road Map

Dave Wolfe then presented to a review of the previous year's meeting and the plans for the upcoming year's quarterly meetings to the group:

January Review

- 5 year anniversary
- Recapped Organizational Documents
- 2022 Planning and Target Initiatives:
 - Driver training
 - TIM training scaled/customized for:
 - Civic Groups
 - Schools
 - Mandate TIM for Municipal Law Enforcement

April Review

- PSP Troopers Martin Mack & Branden Sisca incident discussed.
- Update on SDMO litigation
- Lower Merion After Action Review
- Automated Vehicle Incident Response Plan
 - Law enforcement AV Stop in San Francisco, CA discussed.
- TIM for Towers
- UIC Training Pilot Updates

At this Point Todd Leiss noted Firefighter Close Call emails that were being sent out as a recent one pertained to training fire fighters for Electric Vehicle and lithium battery fires.

July Review

- Lower Merion After Action Review
- PennTIME Website updates
- Automated Vehicle incident response Plan
- FHWA TIM Training
 - Additional Targeted Lessons
 - TMCs
 - CAD Integration
 - TIMS Data / Crowdsourcing



- UAS
- Connected/Automated Vehicles
- Rural TIM
- Virtual Reality Training

Todd noted for the additional targeted lessons, they are still under review and hopefully he will be able to get an answer about them shortly. Also, that this was not touched on at the EDC Recap.

Eric Sponsler spoke briefly on the Virtual reality TIM Training. He noted that they are working on phase 2 and that the proof of concept has been presented at additional meetings.

October Review

- Lower Merion County AAR Findings
- Automated Vehicle Incident Response Plan
- PennSTART Update
- Critical Incident Stress Management
- Crash Responder Awareness Week
- National Move Over Day

2023 Roadmap

Key Focus:

- What are our priorities?
- What is actually achievable?
- Are we equipped to set goals?
- Measure Achievements?
- Assign Responsibility?

Todd Leiss/Dave Wolfe stressed the importance of feedback and ideas coming from the group and any additional ideas can be emailed outside of the meeting. Kevin Tobias stressed the importance of increasing advertising and public awareness for first responders' deaths. As he stated, "Most People think it is just police" and suggested reaching out to billboard companies to donate space. Todd responded that Duane Ober from Warwick Township talked to Lamar Media to display a mover message on one of their billboards and consider when they have free space on a billboard to display that message. A successful SDMO campaign was deployed using Lamar electronic billboards in the past and that can be built upon.

Ideas from Todd & Dave:

- Training
 - Accountability: how do we improve better accountability for those who enlist to train?
 - Development: how do we get better traceability? How do we account for all the disciplines taking the training?



- Technology/Data
- Driver Education/Public Awareness
- Personal Protective Equipment
- Electric Vehicle Incident management
- Emergency Vehicle Lighting/Scene lighting
- Institutionalization of TIM

Some of the chat response to this section included promoting existing trainings and other public education resources and suggesting more scene lighting, high visibility training, need to change the culture of TIM for sustainability, and public education for how dangerous the side of the road is.

At this point, Mike Cox then spoke about his experience following the Lionville crash incident and how he is still dealing with the ramifications of the accident 25 years later.

EDC Recap

Todd Leiss reported on his experience at the FHWA Every Day Counts meeting he recently attended in Fairfax, VA.

- Attended by representatives from many east coast states and all kinds of organizations.
- Focused on targets:
 - TIM Teams
 - Training
 - Data: CAD Integration
 - Technology: UAS and FotoKite

At this point Todd spoke about how he believes that Pennsylvania TIM training is not institutionalized because “if the champion of the training goes, what happens to the training? Who is going to take their place?” Also, Todd discussed the plans for attending the upcoming EDC 7 and that it will focus on technology. Todd noted that Pennsylvania was in his words “ahead of the game” for technology.

Presentation: Automated Vehicle Incident Response Plan

Gabby Benson then gave a presentation on the updates to Pennsylvania’s Automated Vehicle Incident Response Plan which included:

Draft Protocol Additions

- External Vehicle Information – AVs shall make externally available Certificate Holder’s vehicles information (owner, vehicle and financial responsibility) in accordance with 75 PA C.S. 8505 for reportable and non-reportable crashes
- Enforcement and investigation – In accordance with 75 PA C.S. 8505, the certificate Holder is considered a driver of an AV under this title. If law enforcement charges for a violation of this title, law enforcement shall charge the Certificate Holder. Certificate Holder registration information shall be accessible physically or virtually for AVs without safety driver present.



- These changes will take effect July 1st according to Kevin Tobias.

Training Plan Storyboard: Outlined elements used to create storyboard:

- Purpose
- Content
- Materials

AVIRP Documents updates included:

- Updates in Language to match ADS levels 3-5 testing
- Added Incident Response Interaction and AV Protocols section: added Appendix C for incident Response interaction and AV protocols table
- Updated pre-existing Training Section: added appendix D Training Plan Storyboard
- Training Program Table of Contents
- Continued outreach regarding PA AV Incident Response Field Guide mobile app pilot
 - Would like to focus on PSP Troops A and B with some focus on Troop T for testing
- Research solutions to satisfy external-facing visual identifier for certificate holder's HAV that provides owner, vehicle and financial responsibility information for reportable and non-reportable crash
- Finalize protocols: Pending AV industry review.
- Finalize AVIRP Document updates.
- Pilot PA AV Incident Response Field Guide mobile app
- Coordinate with PSP regarding external-visual identifier solution.
- Build Training Program classroom content and host training.

Kevin Tobias then spoke on the training with the PA State Police and what we can do in the meantime before PennSTART gets up and running. Early ideas include using the former Aurora Track in Pittsburgh. Both Todd and Gabby noted PennStart Training might be available for testing sooner.

At this point AV testing was discussed and the example of the hitchhiking robot was brought up to point to how to protect AVs on the road when drivers don't always respect other cars on the road even when other people are driving. It was also noted that AV testing out in Texas had people intentionally sabotaging AVs to attempt to kill the market.

Presentation Pennsylvania Safety Transportation & Research Track (PennSTART)

Ellie Ezzel took the group through a discussion of RIDCs background and involvement in the Pittsburgh Area which included the following topics:

- RIDC as a Regional Driver of Economic Growth
- RIDC and the Robotics, AI and Autonomy Sector
- Greater Pittsburgh Forefront Regional Autonomy Study Findings
- RIDC's Strategic Action Plan
- The Spin-out Projects from the Report



Vijay Varadarajan led the group through presentation the visions for PennStart, which included these topics:

- Driving Innovations
- Need and Purpose for the track.
- The User Groups
- Key Innovations
- Use Cases and User needs.
- Penn Start Benefits
- Focus Areas, Test Features, Facility features, and Service & equipment.

Dave Wolfe will reach out to the PennSTART team about using their presentation as part of the PennTIME Learning Series videos available on the program website.

Keith Miller finished by covering the conceptual design for PennSTART with a focus on these topics:

- An overview of RIDC Westmoreland Overview Map
- Preliminary High Level Project Schedule
- Sponsorship Opportunities and rentals

Committee Reports:

Towing: Dan Spies noted that they have completed all their pilot programs and they will be doing their first TIM for tower course at the Lancaster Public Safety Center. Todd shared that forty-seven total attendees have signed up to take the course.

Training: Dave Wolfe shared with the group that TIM e-learning is closing in on the 12,000 mark for TRAIN PA platform and over 400 for the PA virtual training network. Additionally, through December to January there were ongoing technical issues related to course prerequisites that has now been resolved, any additional issues can be addressed through emails at pasharp2@gmail.com. Along with this the E-learning annual report is currently in the process of data collection and analysis, and according to Gabby Benson the anticipated release is likely to be mid-March as we are waiting for the PAVTN data to finalize at the end of February.

Todd Leiss brought up the LMS coming on board at fire academy, Dave it would be good for a future meeting topic. Dave then brought up to the group an additional non agenda Items: Putting together a working group for the annual Penn State Transportation Safety & Engineering Conference (TESC) pre-conference TIM workshop.

To finish the committee report, Dave spoke about the potential erroneous data for total number trained and that while we are currently sitting in the top 10 among the nation we need to wrestle the data in to more factual numbers. Justin Eberly then noted we are high on the list for not requiring refresher training. Additionally, continuing with trainer retention and refresher as well as continuing with e learning will be a big push in correcting these numbers.

Technology: John Parker discussed the outreach to the Best Pass towing organization; they have a technology that will be released in Q3 with their application that will show where are accidents and



work zones are located to companies and fleets in the state. Also, they have purchased dangerous slowdowns for commercial vehicles to show up on Drivewyze app or on the dash to alert for slowdowns or congestion ahead. Also, PSP will now have access to all the roadway cameras in their vehicles.

TIM Task force Development: Justin Eberly presented new developments to the group including:

- TIM Team Report Highlights since October '22
 - DVRPC (Philadelphia area – 5 local PA teams, 3 NJ Teams)
 - Mercer/Bucks County IMTF (11/10/22)
 - Electric Vehicle Presentation and Discussion
 - AAR of Lower Merion Incident
 - Chester County IMTF (11/16/22)
 - Impact of hospital closures on response time
 - AAR of Lower Merion Incident
 - Delaware County IMTF (12/12/22)
 - 476 hard Shoulder Runing Focus Meeting
 - Burlington County IMTF (12/16/22)
 - Electric Bus Presentation by NJ Transit
 - AAR of Lower Merion Incident
 - Upcoming meetings: Virtual Joint regional Incident Management Task Force Meeting, January 27, 2023

Evan Schoss then discussed the TIM team report highlights for the western part of the state since October:

- SPC (Pittsburgh Area – 3 Active local Teams)
 - Pittsburgh City-Tunnels' TIM Team
 - Meeting virtually During the winter months and in-person starting April '23
 - PennDOT D-11 involvement remains strong, along with Pittsburgh, EMS, and PSP
 - McKees Rocks Bridge Construction Project Emergency Vehicle Pre-emption Discussions
 - I79-76 Cranberry Team
 - Meeting virtually @ 6am until April, then at Cranberry Twp. Public Safety Center
 - Great participation from Penn DOT D-10, Cranberry Twp. Ploice and Fire Police
 - Upcoming SHRP II Training – 1pm & 6pm virtual: 1/19, 2/23, 3/23 In person: 4/20, 5/18, 6/22
 - Westmoreland-Allegheny route 30 Team
 - Plans in the works for public outreach on TIM in 2023, led by Noth Huntingdon Township
 - Next TIM After Dark
 - Helf monthly (3rd Tuesday of each month); Any issue is fair game; Next meeting January17, 6pm. Same link every month

It was then noted if anyone was interested in assisting with this subcommittee to contact Chris King at cking@dvrpc.org

Public Education & Outreach: Todd Leiss started off with an acknowledgement of the efforts of the individuals who continue to look for new opportunities to raise awareness and educate regarding roadway Safety initiatives. This includes Duane Ober who was successful in securing a move over message at Park City mall in Lancaster and Sherry Morgan who was able to secure a radio promotion with our message. Todd then discussed the upcoming Light up the Night event at Penn State Health



Children's Hospital occurring on March 14th, 6:30pm to 8pm. He encouraged those who could attend to do so. Todd then discussed the Move Over/Distracted Driving Summit that will be taking place May 8th through 10th at the Maritime Institute and Conference Center in Linthicum, Maryland.

At the close of the meeting Todd Leiss reminded the group that blue lights on tow trucks legislation has passed and you should expect to see them appearing.

The meeting concluded at 3:00 pm