



Pennsylvania Traffic Incident Management Enhancement (PennTIME)
Wednesday July 20, 2022
1:00pm – 3:00pm
Meeting Notes

Attendees (🗳 indicates virtual attendee)

William Ahlgren, Cranberry Township 🗳	Nate Keel, PA Turnpike Commission	Paul Sabol, City of Pittsburgh Fiire District 🗳
Rod Ammon, Stonehouse Media 🗳	Chris King, DVRPC 🗳	Douglas Serro, PennDOT 🗳
Emmanuel Anastasiadis, PennDOT 🗳	Edwin Kline, Delaware County, PA 🗳	Geoff Shank, 🗳
Walter A Bair, PennDOT 🗳	Todd Leiss, PA Turnpike Commission	Lori Shenk, NW EMS
Gabby Benson, Drive Engineering	Anthony Lenzi, Lenzi Towing 🗳	Todd Smith, PA Turnpike Commission 🗳
Nate Bordner, PA Turnpike Commission	Katie Lizza, PSATS	Douglas Snyder, PA Turnpike Commission 🗳
Jeff Bowman, 🗳	Alvin Marquess, Jacobs 🗳	Don Sorel Jr, 🗳
Rob Carovillano, MCDPS 🗳	Chas McGarvey, OSFC 🗳	Michael Souder, HFD
David Clippinger, Chocolate Town Auto	Robert Meinert, PEMA 8	Bill Spaeth, 🗳
Jim Comfort, AECOM 🗳	Ron Miller, Chester Cty Fire Police Assoc. 🗳	Eric Sponsler, Jacobs
Mike Cox, 🗳	Dan Miller, Royersford OEM 🗳	Jeff Thomas, PEMA
Robert Cumberland, 🗳	Sherry Morgan, PA Towing Association 🗳	John Tihansky Jr, PA Turnpike Comm. 🗳
John DelRicci, PA Turnpike Commission	Naomi Morris, PA Turnpike Commission 🗳	Brian Toseki, PA Turnpike Commission 🗳
John Dewees, 🗳	Justin Neff, DVRPC 🗳	Dan Walston, FHWA 🗳
Justin Eberly, VFIS 🗳	John F Niles, PSP 🗳	Daniel J Whetzel, PennDOT 🗳
Matthew H Elliott, PennDOT 🗳	Kim Nunemaker, ATSPA 🗳	Mark Wineland, PA OSFC 🗳
John Englert, PennDOT 🗳	Michael Pack, PA Turnpike Commission 🗳	Dave Wolfe, Drive Engineering
Michael Fuerst, City of Pittsburgh 🗳	David (Randy) Padfield, PEMA 🗳	Ronald Wylie, PennDOT
David Gaffney, PennDOT 🗳	LT Parmer, PSP 🗳	Charles L. Yorks, Gannett-Fleming 🗳
Diane Garber, E. Hempfield Twp. 🗳	Cory Poff, PennDOT 🗳	Tracie Young-Brungard, PA OSFC 🗳
Shawn Hill, PA Turnpike Commission 🗳	Joseph Quairoli, PA Turnpike Comm. 🗳	Karl Ziemer, AECOM 🗳
Mike Hippensteel, AASP-PA	Eric Rickenbach, RescueTechs 🗳	Michael Zoshak, PA Turnpike Commission 🗳
Kevin Kalman, Bethlehem Twp. VFC 🗳	Stacia Ritter, PA Turnpike Commission 🗳	

Dave Wolfe welcomed all present and virtual attendees to the 3rd quarterly meeting of 2022. Todd Leiss showed the “Faces of the Fallen” video to display the responders killed in struck-by incidents nationwide. Through July 13th, 2022, *22 emergency responders have been killed in highway incidents nationwide.* In 2021, 65 emergency responders were struck and killed. There have been 29 Line of Duty Deaths for responders in 2022 through July 13th as follows:

- Law Enforcement: 11
- Fire/EMS: 7
- Tow Operators: 8
- Road Service Technician: 3
- DOT/SSP: 0

According to Todd Leiss, two Pennsylvania responders have been struck and killed every year in the past 5 years.



Todd shared “ReportStruckBy.com” – which is a project he has been working with on for the last year for ResponderSafety.com. Struck-by incidents can be uploaded directly to the database by any user.

There was discussion regarding strategies to promote the SDMO Law including attaching it as a component of the driver test for young drivers. Begin building the culture and getting SDMO behaviors embedded with new drivers.

Lori Shenk (Northwest EMS) broached the idea of creating a children’s activity book for traffic safety. This could be promoted at events such as National Night Out and parents would see it as well. This may be an initiative for our Public Outreach committee but a funding source would need to be identified.

Dave Wolfe reported on YTD Line of Duty Deaths in Struck-By incidents using data from respondersafety.com:

- Towing: 8
- Safety Service Patrol: 0
- Mobile Mechanics: 3
- Fire Service: 7
- Law Enforcement: 11
- Maintenance/Construction: 0
- EMS: 0

There was a brief discussion about improving the quality and quantity of this type of data. Alvin Marques (Jacobs) noted that FHWA needs to lean more heavily on the states to make improvements. Dave Wolfe noted that, unfortunately, quantifying this information in the form of insurance dollars could perhaps be a motivating factor to strengthen SDMO initiatives. Champions are needed at the federal level that can influence congressional spending.

Todd Leiss discussed litigation surrounding the Slow Down Move Over Law. In 2018 there were about 4,000 citations. In 2019 there were about 4500 citations. In 2020 there were about 3400 citations – fewer citations due to less contact resulting from COVID. In 2021 there were about 3200 citations.

Lower Merion Township After-Action Review Update:

Dave Wolfe reports: An After-Action Review was held for the incident in Montgomery County in which Captain Tom Royds of Belmont Hills Fire Company was struck and killed (LODD 36 in 2021) while working a crash scene on I-76 outside of Philadelphia. As a result of the crash, it was requested that PennTIME assist in a formalized after-action review for Lower Merion Township. The process began at the end of October 2021 and began working throughout November 2021 to build the AAR team and pre-survey for information collection prior to the meeting. The AAR was held on January 5, 2022, which was well attended. Dave Wolfe reports that the After-Action Review is now complete and in its final form, and has been submitted to Lower Merion Township.

Dave thanked all of the members of the PennTIME AAR group who contributed their time and effort to producing a complete and detailed AAR report that the township can use to improve operations and tactics on roadway incidents. We are currently awaiting next steps from the township in the event they are interested in a presentation to bring additional value to the report.

State Fire Commissioner Chas McGarvey (formerly Fire Chief of Lower Merion Township) also expressed his gratitude to the AAR team for their professionalism and detail oriented approach in preparing the report.



PennTIME Website UPDATE:

The PennTIME Website is undergoing updates to create a more dynamic homepage, in addition to updates to the Resource Library Page, updates to the regional TIM links and resources, fixing broken links, adding a section for Quarterly Meeting Notes, and finally a PennTIME Learning Series section, with special presentations and other resources.

Automated Vehicle Incident Response Plan: Gabby Benson presented information on Automation in Pennsylvania.

House Bill 2398 and Senate Bill 965 were introduced in PA Legislature to allow automation testing with vehicles that have no driver. Currently, Pennsylvania allows for testing of SAE Levels 3 & 4 to be tested on Pennsylvania roadways. The AVIRP effort next steps are developing an Incident Response Plan Training Program, modify and revise existing AVIRP and conduct stakeholder meetings. Gabby outlined different types of interaction protocols based on three different categories as follows:

1. **Informational** – How will data and information be exchanged between agencies if/when these incidents occur?
2. **Indirect** – How an AV will interact/respond to a temporary work zone/incident scene
3. **Direct** – How are responders navigating with these kinds of vehicles, how do responders power them off?

Mobile app is still in test phase, in addition to an AV Training Plan.

FHWA TIM Training Update:

Updates are coming to the FHWA training program, releasing 6 targeted lessons to supplement the National TIM Responder Training Program. The lessons are:

- TIM Tech Lesson A: Transportation Management Centers
- TIM Tech Lesson B: Computer-Aided Dispatch Integration
- TIM Tech Lesson C: TIM Data & Crowdsourcing
- TIM Tech Lesson D: Unmanned Aircraft Systems
- TIM Tech Lesson E: Connected Vehicles/Automated Vehicles
- TIM Focus Lesson F: Rural TIM

These will be tools to augment the full 4 hour course, and can be used as “injects” depending on your particular audience.

Traffic Incident Response Training:

Eric Sponsler presented a prototype virtual training tool for traffic incident management response training for the unified incident command course, they are currently in the process of building use-cases among agencies and users for Phase II development. Some ideas for future builds include VR technology that can have multiple responders in different parts of the accident scene, as well as surface topography that can mimic changes in elevation/hills in the road.

A comment asked if integration with Google Maps/Earth was possible, and Eric commented that integration is a possibility in a future phase contingent on agency funding. The team is examining the possibility of using pooled funds from multiple states to support additional development and enhancements.



This application will hopefully help elevate tabletop exercises and allow some moving away from laminated maps and Matchbox cars. Anyone who would like more information can reach out to Eric Sponsler at Jacobs.

Committee Reports

Towing – Dan Spies, PA Towing Association

Todd Leiss provided an update about the TIM for Towers program. TIM for Towers Training is a class on what towers are/are not allowed to do). The class audience is both towers and non-towers alike. The next class has been pushed back to August. Todd asked those interested to reach out to him regarding the class.

Training – Justin Eberly, VFIS

Justin Eberly noted that there are numerous training initiatives that are being completed. In the future, develop a more sustainable training model, as current training availability is contingent upon volunteer availability. Train-the-Trainer element will be more emphasized in the future to try and take the burden off of a very small group of individuals who are providing the training.

Dave Wolfe commented that as of June 30, 2022, 10,691 students have completed the TIM E-Learning on the TrainPA platform, and 378 trainings have been completed on the PAVTN platform for law enforcement since 2019.

TIM Training – E-Learning – Dave Wolfe

- The 2021 TIM Training E-Learning Report is complete and will be posted on the PennTIME website. It was completed in mid-May. The report also discusses in-person training activities and includes informative GIS maps and charts to display the data.
- Nationally, Pennsylvania ranks #3 among states for TIM Training progress (as of May 23, 2022) with 32,650 participants.
- Todd Leiss emphasized the need to get in front of municipal law enforcement on a much larger scale.

Technology – John Parker, PA Turnpike Commission

John Parker presented the following initiatives:

- HAAS – PTC hit 4.5 million Waze Driver Alerts
 - Showing in Apple maps, and also showing Jeep, Chrysler, Dodge and other vehicles that use the Uconnect system.
 - This has been a hit with maintenance at PA Turnpike. They are now also wiring it into arrow boards
 - PA Turnpike is looking to procure more of the plug and play HAAS unites.
- Camera sharing with Towers and PSP update
 - Training for towing providers starts in August
 - Great for situational awareness
 - Mobile cameras from Safety Patrols have not yet been integrated



- VBrick is the platform for video sharing
- A single sign-on process will be developed to avoid inconvenience for users
- New Dangerous Slow Downs (DSD), Accidents and Congestion alerts in DriveWyse.
 - PA Turnpike recently signed a contract with INRIX who partnered with DriveWyse.
 - This will provide alerts for dangerous slow downs and crashes to commercial vehicle operators on their in-cab displays
 - It will hit about 2.3 million users
- Google Discussion with Transportation Eastern Coalition
 - The ETC has been working with Waze and has been successful in tailoring traveler information messages
 - There has been an issue with Google showing roads as closed when there is no data. PTC would have to manually correct Google to provide better situational awareness.
 - Working towards getting PTC Traffic Operations personnel to be trusted sources to close roads on Google Maps.

Public Education & Outreach – Paul Kennedy / Lori Shenk, Northwest EMS

Lori Shenk discussed Crash Responder Safety Week (CRSW) and the campaign outreach on social media. CRSW takes place Nov 14-18th, 2022. Todd noted that FHWA needs to maintain consistency with the name. CRSW was previously known as National Traffic Incident Response Awareness Week.

Dave Wolfe noted that media kits and tools should be available from FHWA’s website, but they have not updated that information from 2021 yet.

Lori also revisited the earlier conversation about activity books for kids, and asked about how to acquire graphic design and other services. Craig Shuey noted that communications staff from the PA Turnpike may be able to donate some time to create some graphic elements.

Bob Meinert discussed the PA Association of Broadcasters and requirements for public affairs programming. Todd Leiss spoke about Beasley Media doing a campaign promoting ResponderSafety.com – 62 Radio Stations, 9 States, 15 Markets, 20 million consumers each week with a move over or safety message. Craig Shuey also said that PCN may be able to do some programming as well.

Dave Wolfe showed a video from Facebook promoting National Mover Over Day which will be October 15, 2022. This event is not as widely known as CRSW but is another avenue for getting the word out.

Todd Leiss announced that he will be speaking at the Law Enforcement Traffic Safety Summit on July 28th in Washington, DC.

TIM Task Force Development – Chris King, DVRPC and Josh Spano, SPC

Chris King reported on TIM Task Force subcommittee activities since April 2022.

- SPC and DVRPC regions have been very active since the spring with task force meeting with multiple in-person and virtual meetings. They are hoping to get back to more in-person meetings in the fall.



- AARs remain a key focus area for the teams

In the DVRPC region, Chris reported the following Task Force activities.

Montgomery County IMTF

Last meeting held on 4/22/2022

- Updates on I-76 Integrated Corridor Management / US 422 construction projects that are designing and planning for flex lanes (i.e., hard shoulder running) as well as emergency response considerations to get feedback on the design plan.

Chester County IMTF

Last Meeting held on 4/28/2022

Major Topics Discussed:

- AAR - Firefighter struck-by incident in Chambersburg, PA
- Impacts of area hospital closures on response time

SAFR (Camden/Gloucester) IMTF

Last meeting held on 4/28/2022

Major topics discussed:

- AAR: NJ 55 Box truck – multi-vehicle crash with fatality
- Regular standpipe maintenance; Need for additional water supply and other considerations for EV Fires.

Burlington County IMTF

Last meeting held on 6/30/2022 in-person

Major topics discussed:

- Challenges of EV Incidents – Electric vehicle fires, both during and after an incident, and reignition of Lithium-ion batteries.
- Upcoming training: Electric Vehicle Fire Training Course – August 2nd - DVPRC has partnered with **RoadwayRescue** to provide a free course, limited class space with a focus for IMTF responders, others can sign up if space is available. Chris will report back on the outcomes from the event at the next PennTIME meeting.

Chris also noted a recent IMTF Co-Chair Collaboration Meeting which took place on June 15th where all 8 co-chairs came together to discuss key issues.

- It was an opportunity to discuss program successes, improvements, discussed in-person/hybrid/virtual meeting formats.
- There was a discussion about adding a second co-chair to each IMTF, preferably from law enforcement.



- Meetings to be set a year in advance, subject to change

Southwest Pennsylvania Commission (SPC)

- Pittsburgh City Tunnels' TIM Team
 - PSP Base has been established in Squirrel Hill tunnel due to frequency of events.
 - Pittsburgh EMS engaging more directly in anticipation of full training in coming months.
 - Recent meeting included establishment of very positive relationship with PSP Pittsburgh
 - Meetings are again in person and will include virtual options especially for the winter months.
 - SHRP2 TIM training has been held for more than 120 persons this quarter
 - HAAS Alert Equipment installed & operational 6 tunnel vehicles (3 manager vehicles, 1 crash truck, and 2 crew cabs)
 - 11 more being installed in August. Employee response has been extremely favorable
- Pittsburgh EMS beginning planning of TIM & tunnel training
 - PennDOT Tunnel Management & District Incident Management Coordinator met with half of Pittsburgh EMS District & Division Chiefs to give an overview of tunnel operations & a tour of Fort Pitt, Squirrel Hill & Liberty Tunnels on July 30. Discussion & openness from EMS leadership was outstanding.
- I79-76 Cranberry Team
 - In-person meeting in June was a cookout and saw return of Fire Police to engage involvement. The topic was on traffic cone safety.
- Westmoreland-Allegheny Route 30 Team
 - Plans in the works for public outreach on TIM in 2023, led by North Huntingdon Township
- Next TIM After Dark meeting will be held on August 16th. These meetings occur on the third Tuesday of each month.
- Josh Spano has been promoted at SPC and will remain involved in TIM, but will be assisted by Evan Schoss

TCRPC/LebCo MPO (Cumberland, Dauphin, Lebanon, Perry Counties)

- ABCD (A Beltway Cumberland Dauphin) Team and Greater Lebanon/Hershey Team have met monthly via Zoom
- Todd Leiss noted that he's had numerous discussions with Lebanon County about getting a TIM Team going in the northern part of the county due to the number of severe crashes along the I-81 and I-78 corridors.
- There may be an EMA staff member in Lancaster County taking a role as TIM liaison to help drive efforts there.



Chris concluded his comments by noting that there has not been a TIM Task Force Development Committee in a very long time (since nearly the start of the pandemic) so that needs to get re-started. Chris is always looking for new members.

Legislative Affairs – Charles Duncan III, PA Turnpike Commission

There was no report from the committee

- **Open Discussion/Closing Remarks**

Dave Wolfe asked everyone to share their ideas and feedback, either in person or virtually, for content of future meetings.

PA Turnpike Chief Operating Officer Craig Shuey emphasized the need to identify and train new trainers/leaders, and challenged everyone to bring a friend to the next meeting.

In closing remarks, it was brought up that mental health issues impact first responders and law enforcement personnel, emphasizing help is available and there's no need to hide behind the stigma. The new mental health/suicide prevention hotline is 988. This will be a potential agenda item at the next meeting.

The meeting concluded at 3:15pm