## TIM TRAINING FACILITY

# Mid-Atlantic Traffic Incident Management Training Facility Feasibility Study



2017 Transportation Engineering & Safety Conference
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Michael Baker International









# PENNTIME JOINT OPERATIONAL POLICY FRAMEWORK Training Public **PennTIME** Education Technology and Outreach Quick Clearance U.S. Department of Transportation pennsylvania DEPARTMENT OF TRANSPORTATION **Federal Highway Administration**



## **Purpose and Need**

- Evaluate the need and demand for a <u>PA-based Mid-</u> <u>Atlantic TIM Training Facility</u>
- Centrally located facility offering:
  - Hands-on, multi-agency and multi-disciplinary TIM training
  - Certified TIM training for partners across the Mid-Atlantic region
  - Simulated environment with a variety of incident scenarios
  - Innovative technologies and equipment testing related to roadway safety



1,178,022

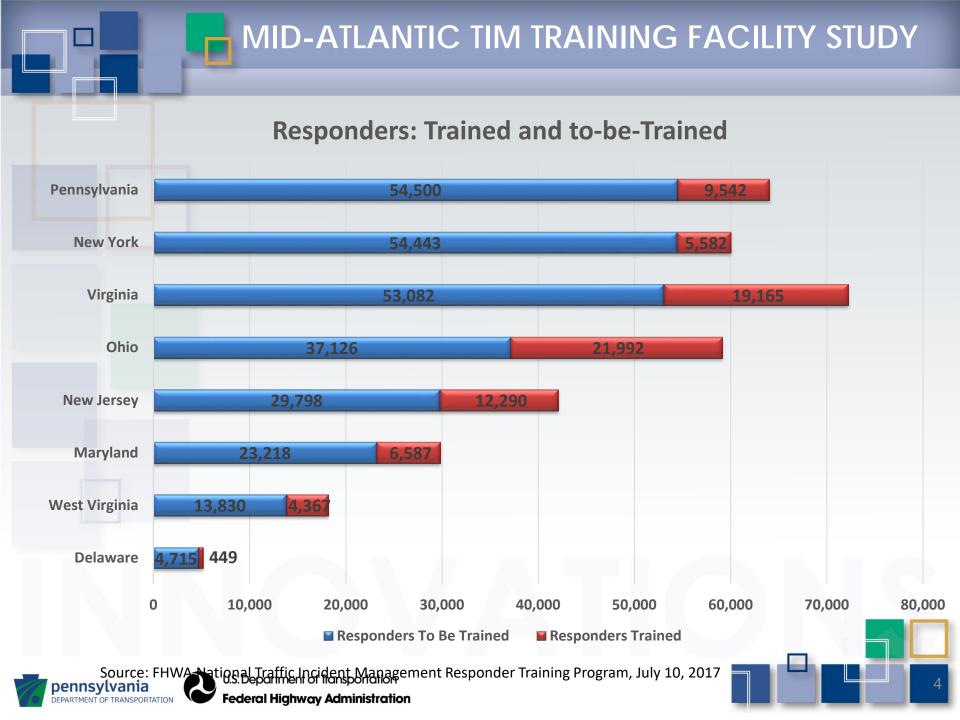
Total Number of Responders to be Trained Nationwide!

Source: FHWA, July 10, 2017











## **Project Scope**

**Identify Industry Need** 

**Conduct Market Analysis** 

**Outline Business and Services** 

**Determine Operations and Management Plan** 

**Develop Financial Plan** 

**Conduct Site Selection** 

**Release Procurement Documents** 









## Stakeholder Engagement

- Federal and State Agencies
- Planning Partners -MPOs/RPOs
- County and Local Governments
- TIM Partners/Experts
- Corridor Coalitions
- Safety Organizations
- Technology Partners
- Work Zone Safety
- Education Institutions

January 4, 2017	PTC, PennDOT, and FHWA Joint Agency	
April 19, 2017	PennTIME Meeting	
May 9, 2017	PA Fire Commissioner	
May 15, 2017	PA Fire Commissioner and PennDOT Incident Management	
June 1, 2017	DVRPC Regional TIM Meeting	
June 7, 2017	ResponderSafety.com Meeting	
June 14, 2017	SPC Regional TIM Meeting	
August 2, 2017	TN TIM Training Facility Evaluation	
August 4, 2017	PSU Larson Transportation Institute	
October 10, 2017	E-ZPass Executive Management Committee	
November 8, 2017	State Transportation Innovation Council	

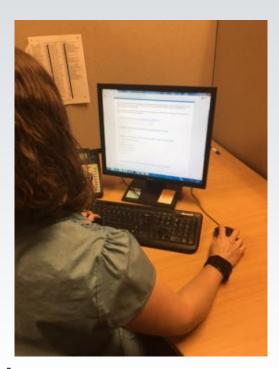






## **Online Surveys**

- Survey #1
  - Target Audience = First Responders
  - 851 responses
- Survey #2
  - Target Audiences =
     Technology, Work Zone,
     Commercial Vehicles
  - 93 responses
  - Conducting follow-ups with particular technology entities











## **Facility Characteristics**

- Highway/roadway design to simulate real TIM conditions
- Integration of innovative technologies and equipment
- Supporting indoor training classrooms/labs
- Easily accessible from major transportation networks
- Located near supporting amenities





## Real Life Training Simulations









#### **TECHNICAL TRAINING ELEMENTS**

#### **TARGET AUDIENCES**

Traffic Incident Management

#### **ITS Technologies**

- Tolling Technology
- •Connected Automated Vehicles
- Unmanned Aeria
   Vehicles (Drones

Construction/Work
Zone Safety

Commercial Vehicles

Law Enforcement
Fire/Rescue
EMS
Towing & Recovery
Public Works

Utilities

Tolling Technology Vendors Research Institutions Industry Associations/Coalitions State ITS

**Tolling Agencies** 

OSHA and ANSI Work
Zone Safety Training
Contractors
Flagger Force

Motor Truck Carrier Associations Bus Associations Manufacturers Integrators



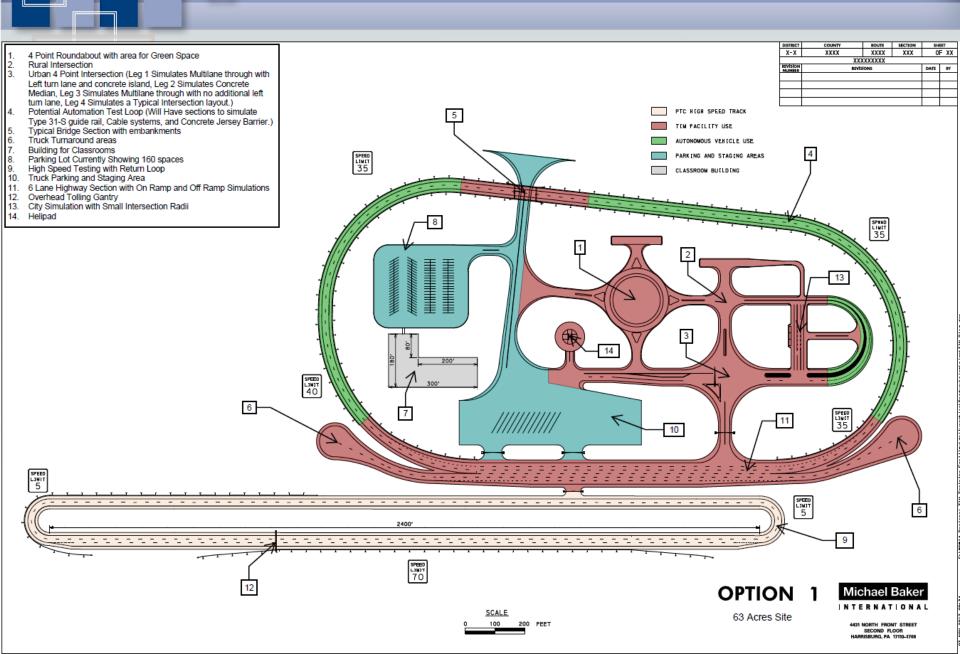


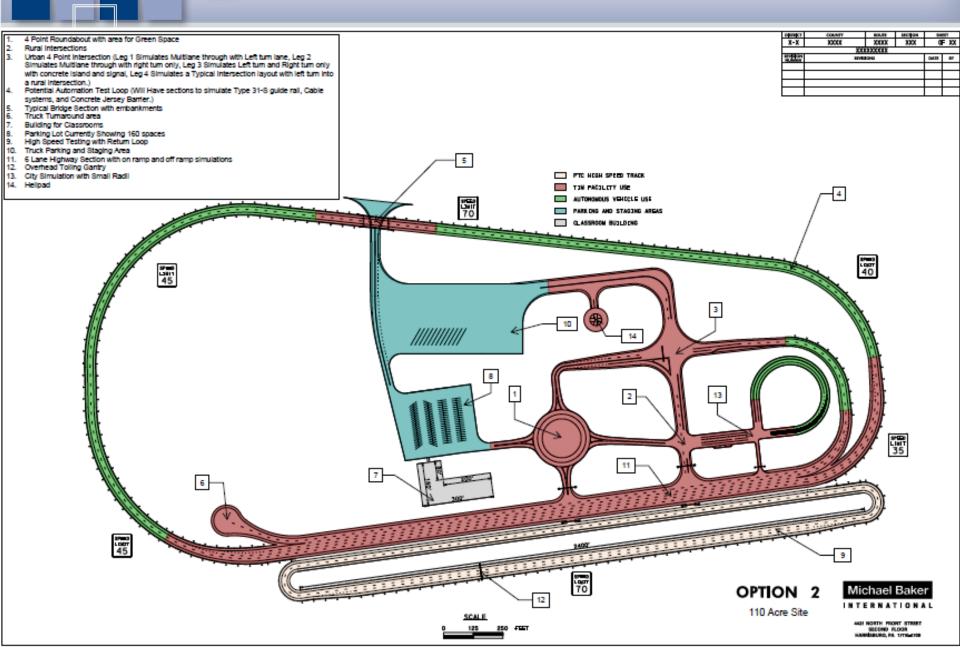


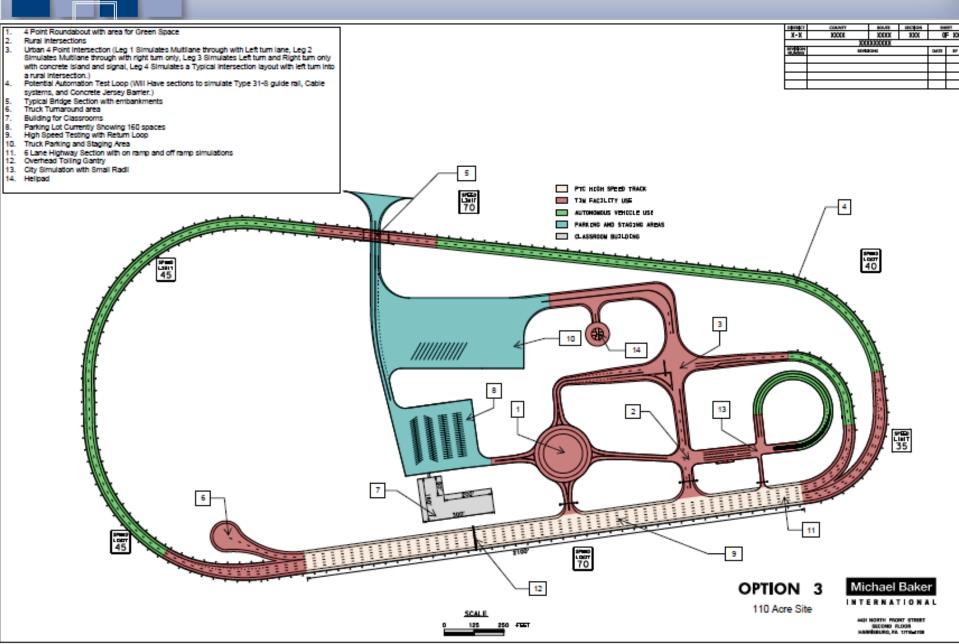




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## KEY NEXT STEPS

**Identify Industry Need** 

**Conduct Market Analysis** 

**Outline Business and Services** 

**Determine Operations and Management Plan** 

**Develop Financial Plan** 

**Conduct Site Selection** 

**Release Procurement Documents** 





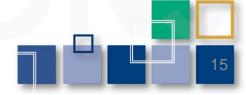


# MILESTONE SCHEDULE

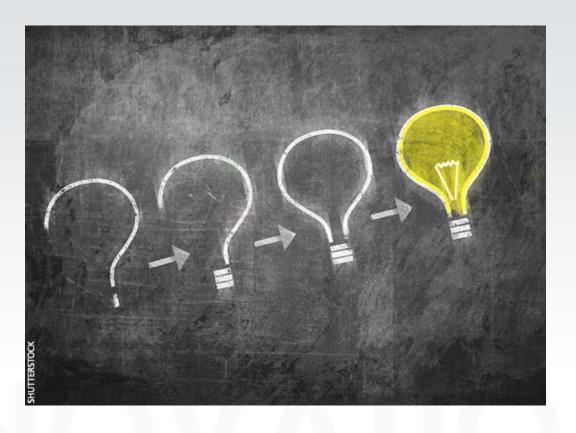
	Step	Target
Outreach Engagement		Spring/Summer 2017
Feasibility Stud	ly/Business Plan	Fall 2017/Winter 2018
Site Selection D	Due Diligence Development	Spring 2018
Request for Pro	pposals	Summer 2018







# **Questions?**













## **Contact Information**

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