CIA TEAM

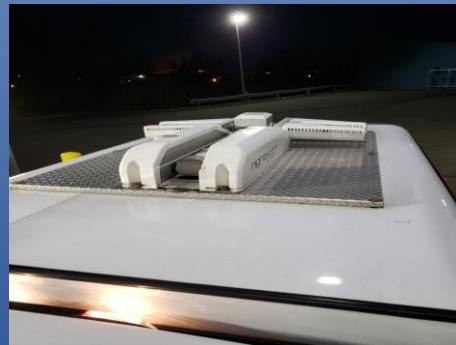## MOBILITY & OPERATIONS

NJDOT – Vandana Mathur

FHWA – Ek Phomsavath

Next-Generation TIM (NextGen TIM): Technology for Savings Lives

- Continue to evaluate the effectiveness of TIM technologies:
  - Using LED flares at incident scenes
  - Light towers on Incident Management Response Trucks (IMRT) for scene lighting
  - Real-time stopped queue and slowdown notifications to commercial truck drivers (Drivewyze)
  - Provide online TIM Training to maximize the number of first responders trained.

- Assessment Stage:
  - Incorporate activities into the ITS/Traffic Operations work programs.
  - Provide the drivers with real-time slowdown and congestion alerts.
  - "No Trucks in Left Lane" alerts to avoid traffic congestion.

Online TIM Training

Self-guided online TIM training

Can be accessed from anywhere, at any time, and is self-paced, a benefit for emergency responders with irregular work schedules in 24/7 work environments. Interactive multimedia helps to provide them with practical experiences that mimic real-world situations

Responders looking to take the self-guided online TIM training can register at **NJTIM.org**. Upon completion of the seven modules, they will receive an "NJ TIM Responder Training Program Completion Certificate" and Continuing Education Units (CEUs).

New Jersey - one of only a few states to implement an online self-guided TIM training program. It is a valuable, cost effective, and easily accessible tool that provides responders with greater training flexibility in a post pandemic work environment.

Drivewyze Alerts

- "No Trucks in Left Lane" alerts to avoid traffic congestion, increase traffic flow and increase safety

- Notifications are sent approximately every 15 miles on a 3-lane roadway
  - All alerts are live and have been sending notifications since August 17.

- Following is the text that goes out:
  - Title: LEFT LANE RESTRICTED
  - Message: No Trucks Left Lane

NO TRUCKS
Left Lane

Expansion of Weathersavvy

- 20 more vehicles (SSP, IMRT, OPS)

- 41 total vehicles

- Increased coverage = increased precision/accuracy of our statewide road surface conditions