

CIA TEAM

**MOBILITY & OPS**

NJDOT – Sal Cowan

FHWA – Ek Phomsavath

# Automated Traffic Signal Performance Measures

## Purpose:

Modernize traffic signal management

Receive high-resolution data

Implement performance-based maintenance and operations strategies

Improve safety and efficiency while cutting congestion and cost



# ***Road Weather Management: Weather Savvy Roads***

NJDOT awaiting Accelerated Innovation Deployment (AID) Grant Approval

Original Submission - June 2017

\$414,474.11

Equip 20 NJDOT vehicles with dash mounted cameras and weather/pavement sensors

Participated in the EDC4 Weather Savvy Roads - Integrated Mobile Observations  
Peer Exchange in Warwick, RI (March 2018).

Nevada, Michigan and Minnesota presented their IMO programs and other states discussed  
Maintenance Decision Support Systems (MDSS) and Salt Sustainability programs

# ***Using Data to Improve Traffic Incident Management***

I-95 Corridor Coalition, NJDOT and FHWA facilitated a Computer Aided Dispatch (CAD) Integration Workshop (April 23-24, 2018)

Discussed innovations, best practices, lessons learned and requirements to integrate CAD systems into DOT Traffic Ops systems.

19 states (Law Enforcement, DOT's and Authorities) participated.

Feeds NJDOT's Incident Management (IM) Strategic Plan Priority Action for integrating NJSP CAD system data and NJDOT Traffic Ops datasets.

# ***Connected Vehicle – Road Service Safety Messages***

Mobility and Operations CIA applied for State Transportation Innovation Council (STIC)  
Incentive Funding (\$39,600)

Three year pilot program

Install GPS equipment (iCone©) in forty Safety Service Patrol vehicles

Kickoff meeting - May 25, 2018

Procurement, integration with 511 website, internal dashboards,  
program approach and reporting criteria all reviewed.