

CIA TEAM

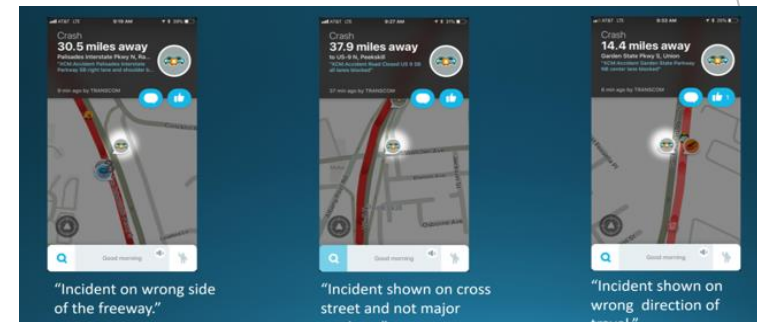
**MOBILITY & OPS**

NJDOT – Wayne Patterson

FHWA – Ek Phomsavath

# EDC-5 - Use of Crowdsourcing to Advance Operations

- ▶ Goals:
  - ▶ Expands real-time traffic monitoring
  - ▶ Enables a more targeted/timely response
- ▶ Initiative:
  - ▶ NJDOT is institutionalized.
  - ▶ WAZE has been sharing traffic/incident data with NJDOT.



# EDC-5 - Weather-Responsive Management Strategies

- ▶ Goal:
  - ▶ Use mobile road weather data
    - ▶ Maintenance/traffic operation responses
- ▶ Initiative:
  - ▶ NJDOT awarded the AID grant (\$322,462):
    - ▶ Install video camera dashboards/sensors
      - ▶ Maintenance trucks and safety service patrol vehicles



# EDC-5 - Unmanned Aerial Systems (UAS)

- ▶ Goal:
  - ▶ Enhance data collection for structural/construction inspections and emergency response.
- ▶ UAS has enhanced the NJDOT's business process for providing a safe alternative, accelerated construction, and asset management to enhanced our DOT operations.

