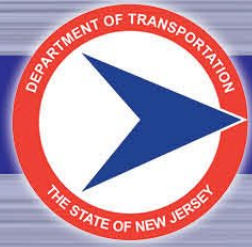


1<sup>st</sup> Triannual Meeting  
April 28, 2026

**NEW JERSEY DEPARTMENT OF TRANSPORTATION**

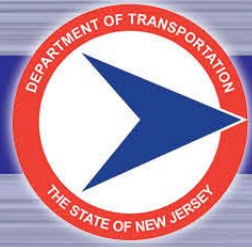


Welcome

**Eric Powers**

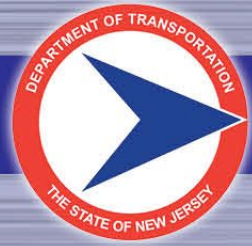
**Assistant Commissioner**

**Statewide Planning, Safety & Capital Investment**



# Michael J. Manzella

Director  
Statewide Planning



# FHWA Updates



**Christopher Paige**

Innovation Coordinator & Community Planner

FHWA, NJ Division Office



# EDC-8 Innovations

# *Every Day Counts*

Innovation for a Nation  
on the Move



Source: GDOT



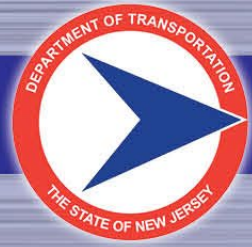
Source: ODOT



Source: FHWA



Source: OR DOT



# EDC-8 Innovations

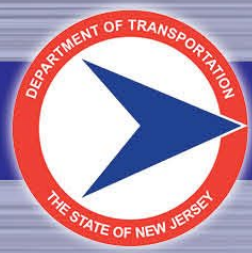
- Advancing Nighttime Work Zone Safety
- Beyond Bid-Build: Innovative Project Delivery Methods
- Connected Corridors
- Integrated Digital Project Delivery
- Subsurface Utility Engineering (SUE)
- UAS 2.0: Innovative Infrastructure Management



# Advancing Nighttime Work Zone Safety



Nighttime work zones present challenges and high safety risks for agencies, workers, and drivers. Because agencies use different nighttime procedures, the safety and traffic results can be inconsistent. FHWA's Advancing Nighttime Work Zone Safety initiative aims to offer tools to help transportation agencies adopt safer, more innovative nighttime work zone practices



# Beyond Bid-Build: Innovative Project Delivery Methods

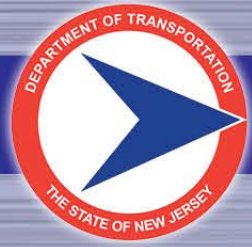


Source: ODOT



Source: ODOT

Many agencies struggle with tight budgets, staff shortages, and rising costs, making project delivery more challenging. Beyond Bid-Build aims to use alternative contracting methods to offer flexible tools that bring in expertise earlier and reduce risks, helping agencies deliver projects faster, smarter, and with better long-term outcomes.

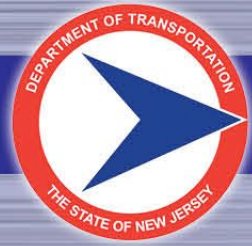


# Connected Corridors

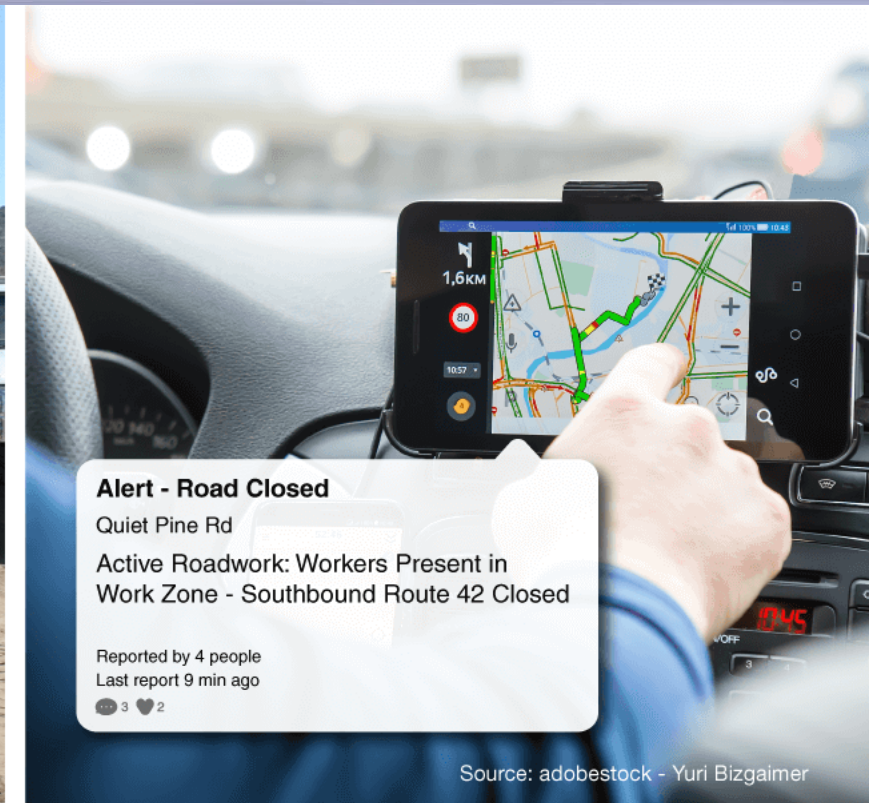


Source: FHWA

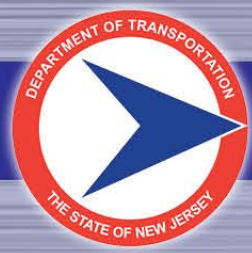
The National Highway System is vital to our economy, safety, and daily travel, but planned and unexpected disruptions can cause significant delays. Transportation workers and travelers need accurate, up-to-date information. Connected Corridors helps states work in a coordinated, shared approach, while ensuring each agency retains control over its own data and platforms. It augments safety and efficiency through actionable insights driven by reliable data sharing and common quality standards and supports further innovation with interoperable services that are nationally scalable.



# Integrated Digital Project Delivery



Integrated Digital Project Delivery helps transportation agencies improve the way they plan, build, and maintain projects by connecting people and information in one system. With shared digital models and easy-to-use online tools, teams can quickly find accurate data, solve problems sooner, and deliver safer and more reliable projects.



# Subsurface Utility Engineering (SUE)



Unexpected utility hits are a major cause of delays, added costs, and safety risks on highway projects. Subsurface Utility Engineering (SUE) helps fix this problem by using proven tools to locate and map utilities early in the planning process. With better information upfront, agencies can avoid surprises and keep projects on schedule.



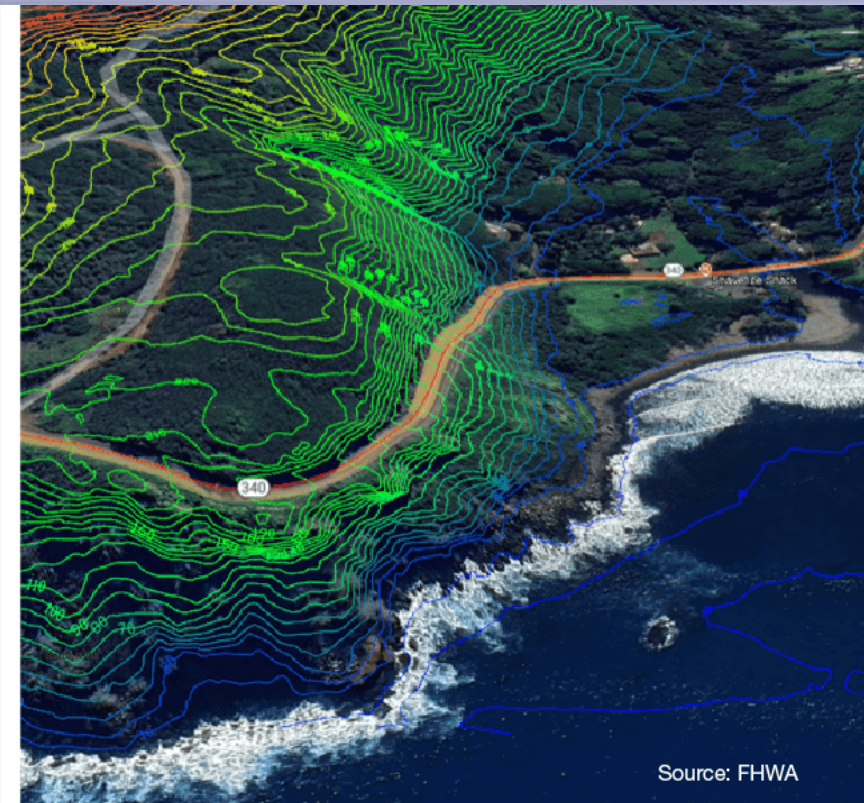
# UAS 2.0: Innovative Infrastructure Management



Source: adobestock.com - Gorodenkoff

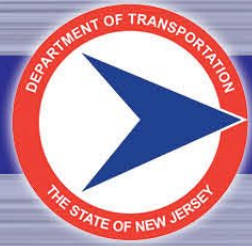


Source: FHWA



Source: FHWA

Unmanned Aircraft Systems (UAS) 2.0: Innovative Infrastructure Management offers transportation agencies new opportunities to improve how they inspect and maintain critical infrastructure. Building on the nationwide success of earlier UAS adoption, these next-generation tools help agencies work more safely, efficiently, and consistently. This innovation supports better decisions and stronger infrastructure management over time.



# Mentimeter

Mentimeter

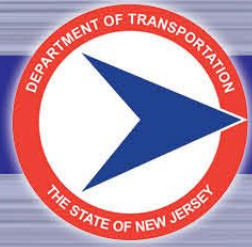


1st Triannual STIC  
Meeting 2026



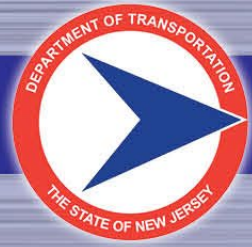
menti.com  
9581 2366

Waiting for participants



# Reminders & Announcements

- Update- NJSEA STIC incentive project
- Build A Better Mousetrap Competition- submission are due this Friday, May 1<sup>st</sup> to be entered for national recognition. We are accepting submissions until August for the Research Showcase!



## Next Meeting

NJ STIC 2026 2<sup>nd</sup> Triannual Meeting- Wednesday August 12<sup>th</sup> at 10:00 am – 12:00 pm

# Thank you