



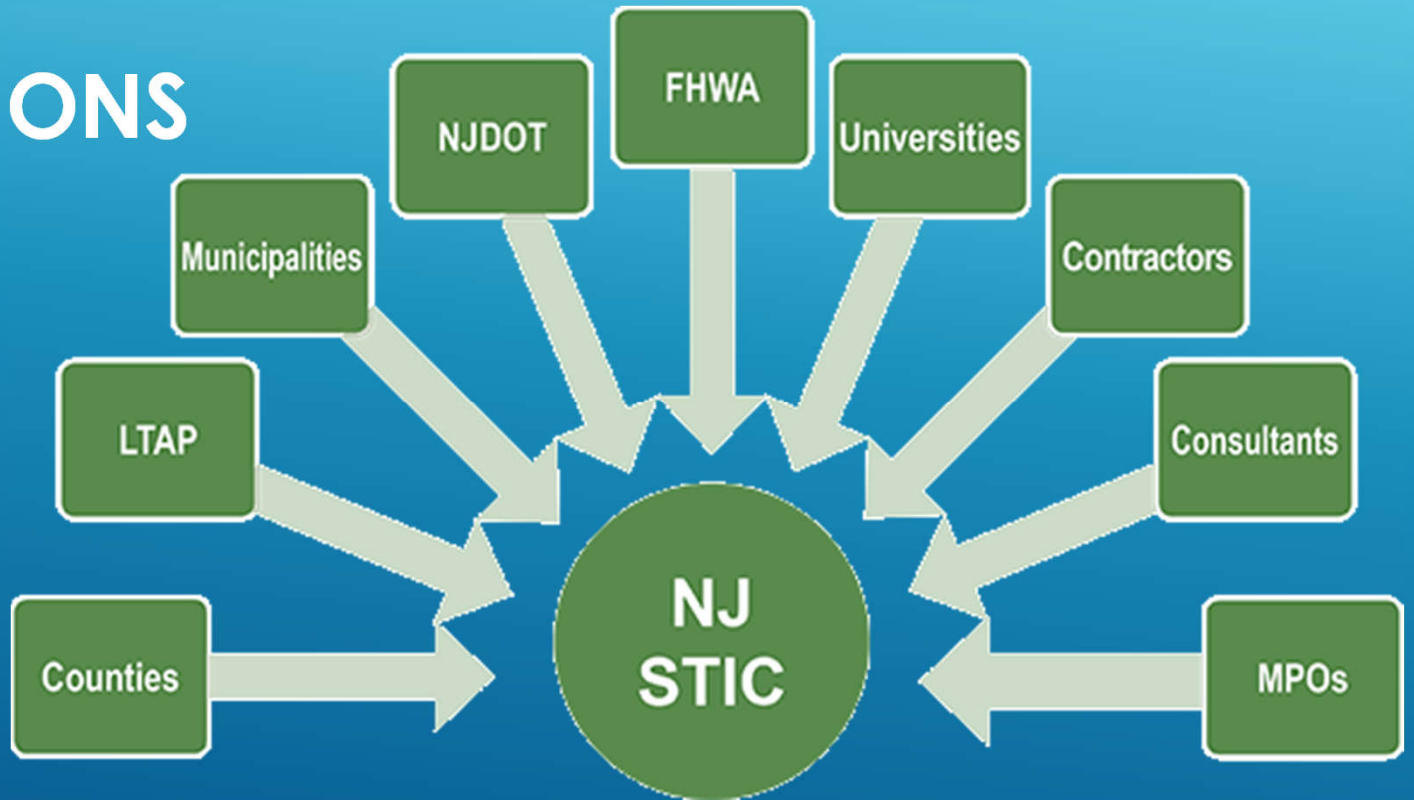
WELCOME & OPENING REMARKS



Mike Russo
Assistant Commissioner
NJDOT Planning, Multimodal & Grant Administration



INTRODUCTIONS





ROUNDTABLE RECAP

Amanda Gendek
Manager
NJDOT Bureau of Research



ROUNDTABLE RECAP

EXPANDING STIC MEMBER LIST TO:

Port Authority

Transcom

Motor Vehicle Commission

NJ Turnpike

I-95 Corridor Coalition

NJ Asphalt Pavement Association

Regional NJDOT reps from NJDOT Cherry Hill & Mt. Arlington

STIC SURVEY RESULTS: Distributed via email on 4/17/2019



- ▶ Identified EDC-5 initiatives & high priority topics for LPAs, lessons learned
 - ▶ Share through future STIC-related presentations, articles, workshops, or peer exchange type events.
- ▶ Examples of implemented innovations will be posted on the “New and Noteworthy” and “Innovative Initiatives” pages of the NJDOT Technology Transfer website
 - ▶ Assist communities in adopting innovation.
- ▶ Identified lack of available funding
 - ▶ Use existing survey mailing list to notify LPAs of upcoming rounds of STIC Incentive Funding to foster non-NJDOT applicants for participation



NJ LTAP offers workshops to Local Public Agencies on EDC initiatives.

COMING SOON:

Focused EDC curriculum, starting with EDC Round 6

- Master EDC class - overview of the next round of innovations.
- Survey will be performed early during each EDC rollout to assess what is feasible at the local level and identify constraints to implementation. Then several additional innovation-specific workshops can then be tailored to the LPAs needs.

NJLTAP EDC Supporting Activities 2016-2019		
Newsletter	Article title	EDC Innovation
February 2016	EDC Innovation of the Month: Smarter Work Zones	EDC-3 Smarter Work Zones
February 2016	Smarter Work Zone Webinar Series Features Project Co	EDC-3 Smarter Work Zones
February 2016	Alternative Uses of Highway Right of Way: 3 Renewabl	EDC-1 Flexibilities in Right-of-Way
April 2016	New Jersey Makes Progress in Implementing EDC-3 Initi	EDC-3
April 2016	First Responder Facts	EDC-2 National Traffic Incident Management Responder Training
June 2016	State DOTs Using Drones to Improve Safety, Collect Da	EDC-5 Unmanned Aerial Systems (UAS)
August 2016	Using Portable Traffic Monitoring Devices (PTMDs) in	EDC-3 Smarter Work Zones
October 2016	Paving the Way with High Friction Surface Treatment	EDC-2 High Friction Surface Treatments (HFST)
October 2016	Every Day Counts Traffic Incident Management Deploye	EDC-2 National Traffic Incident Management Responder Training
October 2016	EDC-2 National Traffic Incident Management Responde	EDC-3 Road Diets (Roadway Reconfiguration)
October 2016	Find Out More: EDC-4	EDC-4
October 2016	Ultra-High Performance Concrete Connections for PBES	EDC-3 Ultra-High Performance Concrete Connections for Prefabricated Bridge Elements
December 2016	Road Diets: Safer Roads, Safer Communities	EDC-3 Road Diets (Roadway Reconfiguration)
February 2017	Championing Safety on Local Roads	EDC-3 Locally Administered Federal-Aid Projects: Stakeholder Partnering
February 2017	Winter Weather: Plan, Equip, Train	EDC-5 Weather-Responsive Management Strategies
April 2017	Working Smarter, Together	EDC-3 Locally Administered Federal-Aid Projects: Stakeholder Partnering
April 2017	Stakeholder Partnering Supported by Every Day Counts	EDC-3 Locally Administered Federal-Aid Projects: Stakeholder Partnering
April 2017	Pavement Preservation Decision Making	EDC-4 Pavement Preservation
April 2017	Data-Driven Safety Analysis: A Health Check Up on Your	EDC-3 Data-Driven Safety Analysis
June 2017	Traffic Incident Management Course Available Online	EDC-2 National Traffic Incident Management Responder Training
August 2017	Data Driven Safety Analysis: Adding a Local Focus in ED	EDC-4 Data-Driven Safety Analysis
August 2017	e-Construction Speeding up Projects for State DOTs	EDC-3 e-Construction
August 2017	Safe Transportation for Every Pedestrian (STEP) Webin	EDC-5 Safe Transportation for Every Pedestrian (STEP)
October 2017	ITS is Changing the World	EDC-4 Automated Traffic Signal Performance Measures (ATSPMs)
October 2017	Safe Transportation for Every Pedestrian (STEP) highlig	EDC-5 Safe Transportation for Every Pedestrian (STEP)
October 2017	FHWA Launches the Strategic Highway Safety Plan Data	EDC-3 Data-Driven Safety Analysis
December 2017	Call for EDC-5 Innovations Open	EDC-5
December 2017	Roundabouts Coming Full Circle	EDC-2 Intersection and Interchange Geometrics
December 2017	Can Self-Driving Equipment Make a Work Zone Safer?	EDC-3 Smarter Work Zones
December 2017	TIM Program Reaches New Milestone	EDC-2 National Traffic Incident Management Responder Training
February 2018	Building Connections that Last	EDC-3 Ultra-High Performance Concrete Connections for Prefabricated Bridge Elements
February 2018	Watch EDC Innovations On-Demand Webinars	EDC
February 2018	Local Safety Data Peer Exchange Recap	EDC-2 Locally Administered Federal-Aid Projects
February 2018	Getting through the Green: Smarter Traffic Management	EDC-1 Adaptive Signal Control Technology
February 2018	Ultra-laser imaging for pavement surface analysis	EDC-2 HFST, EDC-4 Pavement Preservation
April 2018	Reducing Rural Roadway Departures	EDC-5 Reducing Rural Roadway Departures
April 2018	New Work Zone ITS Implementation Tool Available	EDC-3 Smarter Work Zones
April 2018	New FHWA Pedestrian Countermeasure Tech Sheets Nov	EDC-5 Safe Transportation for Every Pedestrian (STEP)
April 2018	NJDOT Launches Facebook Page to Share Innovative Pr	EDC-5 Virtual Public Involvement
April 2018	On-Demand EDC Webinars from CAI	EDC
June 2018	Rolling Out Pavement Technologies	EDC-3 Ultra-High Performance Concrete Connections
June 2018	Every Day Counts round five initiatives announced	EDC-5
June 2018	USDOT Announces Competition Advancing Innovative V	EDC-3 Data-Driven Safety Analysis
August 2018	Pavement Preservation: When, Where, and How?	EDC-4 Pavement Preservation
August 2018	Can a Sleeve and a Gateway Improve Pedestrian Safety?	EDC-5 Safe Transportation for Every Pedestrian (STEP)
October 2018	Two safety innovations take the stage in EDC-5	EDC-5
October 2018	A New View for Bridge Inspectors	EDC-5 Unmanned Aerial Systems (UAS)
October 2018	New Guide: Helps Local and Regional Practitioners Achie	EDC-3 Locally Administered Federal-Aid Projects: Stakeholder Partnering
October 2018	NJDOT Receives Grant for Pilot Road Weather Manag	EDC-5 Weather-Responsive Management Strategies
February 2019	Reducing Rural Roadway Departures Primer	EDC-5 Reducing Rural Roadway Departures
February 2019	Roundabouts: An Informational Guide	EDC-2 Intersection and Interchange Geometrics
April 2019	Renewable Roadside	EDC-1 Flexibilities in Right-of-Way
June 2019	NJLTAP to Work with Stakeholders on Developing Inter	EDC-2 Intersection and Interchange Geometrics
June 2019	Arc Your Roads Weather Savvy?	EDC-4 Road Weather Management - Weather-Savvy Roads
	Technical Briefs	EDC Innovation
	Asphalt Maintenance Factsheet	EDC-1 Warm Mix Asphalt, EDC-4 Pavement Preservation

<http://cait.Rutgers.edu/cait/training>

ROUNDTABLE RECAP



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NJDOT LOCAL AID RESOURCE CENTER
ENRICHING NEW JERSEY
THROUGH TRANSPORTATION

NJDOTlocalaidRC.com



FHWA UPDATES



Helene Roberts, P.E.
Innovation Coordinator & Performance Manager
FHWA, NJ Division Office

Not Implementing	not currently using the innovation anywhere in the State and is not interested in pursuing the innovation
Development	collecting guidance and best practices, building support with partners and stakeholders, and developing an implementation process
Demonstration	testing and piloting the innovation
Assessment	assessing the performance of and process for carrying out the innovation and making adjustments to prepare for full deployment
Institutionalized	adopted the innovation as a standard process or practice and uses it regularly on projects

STAGES OF INNOVATION

- ▶ **Advanced Geotechnical Exploration Methods (A-GaME) – Demonstration**
- ▶ **Collaborative Hydraulics (CHANGE) – Demonstration**
- ▶ **Project Bundling - Institutionalized**

**PROGRESS REPORT #1
INFRASTRUCTURE CIA**

- ▶ **Reducing Rural Roadway Departures (RwD) - Development**
- ▶ **Safe Transportation for Every Pedestrian (STEP) - Assessment**

PROGRESS REPORT #1
SAFETY CIA

- ▶ **Unmanned Aerial Systems (UAS) - Institutionalized**
- ▶ **Use of Crowdsourcing to Advance Operations - Institutionalized**
- ▶ **Weather-Responsive Management Strategies (WRMS)- Development**

PROGRESS REPORT #1
MOBILITY CIA

- ▶ **Four completed projects:**
 - **Local Safety Peer Exchanges**
 - **Construction Devices – pilot program**
 - **Safety Analyst**
 - **Local Aid Mobile Devices – pilot program**
- ▶ **Two ongoing projects:**
 - **iCone ITS Beacon**
 - **UAS – Phase 1**

STIC INCENTIVE FUNDING PROGRAM