



NEW JERSEY STATE TRANSPORTATION INNOVATION COUNCIL

2018 Spring Meeting
April 4, 2018



WELCOME & INTRODUCTIONS

Michael Russo
Assistant Commissioner, NJDOT

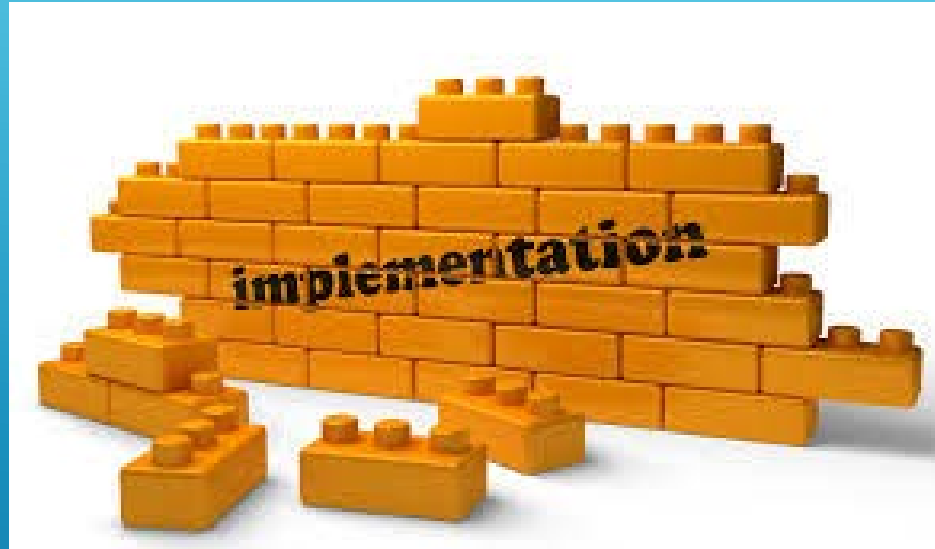


OPENING REMARKS

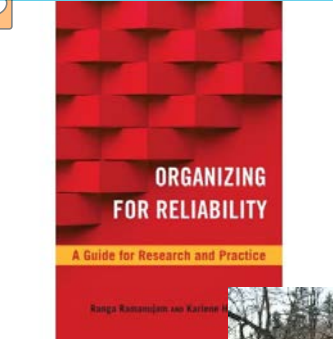
Diane Gutierrez-Scaccetti
Acting Commissioner, NJDOT

Robert Clark
Division Administrator, FHWA

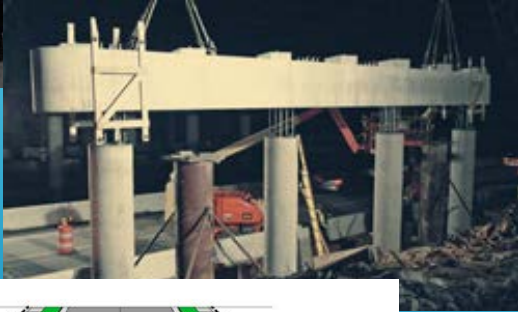
NJ STIC IMPLEMENTATION STATUS



Mike Russo
Asst. Commissioner, NJDOT



- **Organizing for Reliability** – evaluated TSM using the US Department of Defense “Capability Maturity Model”
- SHRP 2 Traffic Incident Management **Responder Training** – 12,000 first responders trained
- **Regional Models of Cooperation** – established multi-agency program meetings (DOT/MPO)
- **Data Models and Tools** – developed MAP-21 performance measure platform
- **Smarter Work Zones** – deployed queue warning and variable speed technology



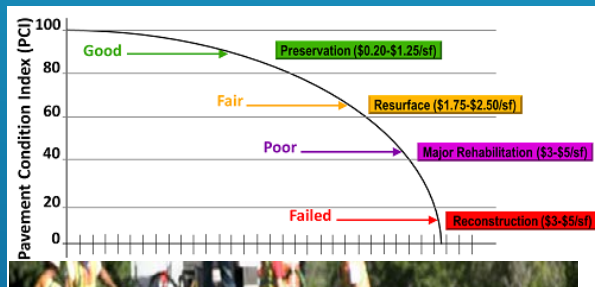
- **Planning and Environmental Linkages (PEL)** – encourage the use of information developed in planning to inform the environmental NEPA process
- **Prefabricated Bridge Elements and Systems** – reduce onsite construction time and mobility impact time when building, rehabbing, or replacing existing bridges.
- **Flexibilities in Right-of-Way (ROW)** – improve coordination of ROW activities with other key project development actions in preliminary design; land acquisition, relocation, utilities accommodation and to certify ROW for a project
- **Locally Administered Local Aid Projects: Stakeholder Partnering** – provide a forum for the exchange of information between NJDOT, FHWA and the LPA's to assist in the delivery of federal aid programs and projects.
- **Road Diets** – offer high-value improvements at a low cost when applied to traditional four-lane undivided highways, enhance safety, mobility and access for all road users.



- **e-Construction** – tablets are being used to collect, review, approve, and distribute highway construction contract documents in paperless environment



- **Ultra-High Performance Concrete** Connections for Prefabricated Bridge Elements – investigated new application of UHPC (overlying bridge decks) on a pilot project (Rt. 17 over Central Avenue bridge)



- **Pavement Preservation** (When and Where) - developed comprehensive pavement strategy (preservation programs) that includes evaluating different pavement treatments, projecting anticipated life cycle and value information, and developing guidance to help determine appropriate treatment selection at project level