



2026 USDOT Industry Day Expo

Advancing Bridge Safety, Assessment and Management



The 2026 USDOT Industry Day Expo will showcase deployable technologies and practical pathways to implementation for improving bridge safety, assessment, and management while addressing adoption barriers. Presentations will include a mix of emerging and existing technologies without widespread penetration among bridge owners in the United States.

Organized by: The U.S. Department of Transportation, Rutgers University CAIT, and research partners as part of the Advanced Bridge Technology Clearinghouse (ABTC) project.

Purpose: To help accelerate the deployment of implementable bridge technologies beyond isolated pilot projects across federal, state, and local transportation agencies.

National forum: Industry Day will convene and enable critical stakeholders to align technology readiness with agency needs, clarify pathways to implementation, and reinforce ABTC's role as the nation's clearinghouse for advancing bridge innovations.

Expo Overview

>> Date

Wednesday
October 28th, 2026

>> Venue

Rutgers University
Piscataway, NJ

>> Intended Audience

USDOT, State DOT Bridge and Asset Management Engineers, Local Agencies, Industry, Academia

Agenda

Session I – Framing the Opportunities & Challenges

7:30-8:30am	Breakfast & Registration Opens
8:30-8:45am	Welcoming & Opening Remarks <i>Introduction: Dr. Ali Maher, Director, Rutgers CAIT</i> <i>Dr. Firas Ibrahim, Director, Office of Research, Development and Technology, USDOT</i>
8:45-9:15am	Keynote Presentation: Deploying Innovations for Safer and Smarter Transportation <i>The Honorable Seval Oz, Assistant Secretary of Transportation, USDOT</i>
9:15-9:45am	Safety, Technology and Management of the Nation's Bridges – from Innovation to Implementation <i>Michael Johnson, President, Michael B. Johnson P.E.</i>
9:45-10:00am	Overview of the Advanced Bridge Technology Clearinghouse (ABTC) Project <i>Dr. Nenad Gucunski, Professor, Rutgers University</i>
10:00-10:30am	Break & Networking

Session II – Interactive Technology Showcase: Proven & Emerging Solutions

10:30-11:30am	Interactive Technology Showcase <i>Hands-on interaction with technologies and exhibitor demos in the areas of Safety and Resilience; Assessment, Monitoring and Data Integration; and Decision Support</i>
11:30-12:30pm	Moderated Panel Discussion <i>Needs, Opportunities and Strategies for the Successful Implementation of New Technologies</i>
12:30-1:30pm	Lunch & Continued Networking

Session III – Agency Success Stories, Implementation Strategies & Future Perspectives

1:30-4:00pm	Case Studies, Successes & Challenges
1:30-2:10pm	<i>Technologies for Improved Bridge Safety</i> <i>Bridge Scour Dynamic Monitoring - Case Study</i> <i>Bridge Collision Prevention Technology - Case Study</i>
2:10-2:50pm	<i>Technologies for Improved Bridge Assessment</i> <i>Application of NDE & SHM - Case Study</i> <i>Innovative Bridge Condition Assessment Tools - Case Study</i>
2:50-3:20pm	Break & Networking
3:20-4:00pm	<i>Modern Bridge Management Systems (BMS)</i> <i>Application of BMS Software for Decision Making - Case Study</i> <i>Application of Field Inspection Collection Software - Case Study</i>
4:00-4:30pm	Key Takeaways, Next Steps & Closing Remarks
4:30-5:30pm	Tour of CAIT's Bridge Evaluation & Accelerated Structural Testing Lab