

Preliminary Agenda – 2 June 2025

Times, descriptions, and presenters may change.

Confirmed Speakers & Topics

Presentation – Engineering in times of crisis

The presentation highlights examples from the emergency response and repair of major steel bridges including the Sherman Minton Bridge in Louisville, KY, the PA NJ Turnpike Connector Bridge near Bristol, PA, and the Hernando De Soto Bridge in Memphis, TN. Each of these projects was an emergency response where engineers, NDT personnel, fabricators, and contractors were called upon to respond to a field emergency, each the result of an inspection finding. In the case of the Sherman Minton Bridge, a significant number of internal weld defects were found during an in-depth inspection and the project eventually grew in scope to an emergency closure and strengthening of the bridge. In the case of the PA NJ Turnpike Connector Bridge, a full fracture was discovered by a painting crew, leading to immediate closure, emergency inspection of hundreds of welds, and bridge repair. And for the Hernando De Soto Bridge, bridge inspectors discovered a partial fracture of the main tie girder carrying the main span over the Mississippi River. This required an immediate bridge closure, inspection of all similar welds in the bridge, and emergency repair. The engineering and construction challenges for these projects are highlighted. The collaboration of all parties was notable in restoring these critical lifeline bridges in record time.



Francesco Russo PhD PE, Founder and Principal, Russo Structural Services.

Presentation – Combined Method of Pre-Tensioning

The combined method of pretensioning has been approved in the latest editions of the RCSC Specification for Structural Joints Using High-Strength Bolts and the AISC Specification for Structural Steel Buildings. Learn about the history and concepts behind the new pretensioning method, how it differs from existing practices, and most importantly, how it improves upon them. We'll take a deep dive into the science of the combined method, demonstrate how it can improve reliability, and how it brings quality and efficiency to bolting. And we'll peek at what bolting might look like in the next 5 years.



Chad Larson, Senior Bolting Officer LeJeune Bolt Company

Presentation – Rehabilitation of a Historical Bridge



Frank Artmont, PE, Modjeski & Masters

Confirmed Events – 2 June 2025

NCSC Council Meeting

Wednesday, November 5th

4:45pm – 5:45pm

Closed meeting for State and Authority representatives

Evening Reception & Registration



Wednesday, November 5th

6:00pm – 8:00pm

This is the first opportunity to network with new industry partner providers and new and existing contacts with industry professionals.

Opening Remarks & Gold Meeting Sponsor



Thursday, November 6th

8:00am – 8:30am

Welcome and introduction from Anna Petroski, President, DOT Quality Services
A short presentation from our Gold Meeting Sponsor.

Morning & Afternoon Break, Catered Lunch



Thursday, November 6th

Catered breaks and lunch to promote conversation and networking amongst attendees.

Closing Remarks

Thursday, November 6th

11:45am – 12:00pm

Closing remarks and thanks from Anna Petroski.

Conference Organization – Website – Discussion Board Sponsor

