

Event Meeting Agenda 2024 – November 12-14 – Chicago, IL

PRELIMINARY AGENDA DRAFT!!!

Times, descriptions, and presenters may change.

DAY 1 EVENING RECEPTION & REGISTRATION

(Tuesday) November 12th 2024 - 5:00PM – 7:00PM

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

DAY 2 (Wednesday) : November 13th 2024

7:00 - 8:00

A continental breakfast will be available in the main meeting area for all attendees.

7:45 - 8:15

A special welcome from Mark Sheffer and Frank Sharpe

8:15-8:45

Presentation – IDOT Project Review – Fabrication and Construction



8:45 - 9:15

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9:15 – 10:10

Jason Fischer will present on the Akron Ohio Bridge, the replacement of the SR-8 bridges using field erected framing system in a launching pit and incremental launch installation span by span. It will also include a project summary, introduction of team members, design of the launching nose, design changes to the structural steel to accommodate the launching method, unforeseen challenges, and plenty of photos and videos.



10:10-10:30

MORNING BREAK
Lakeshore ballroom foyer

10:30 a.m.-11:45 p.m.

Presentation –Engineering in times of crisis
Francesco Russo PhD PE, Founder and Principal, Russo Structural Services, will present and highlight examples from the emergency response and repair of major steel bridges. Projects included rapid response engineering, fabrication, construction, and NDT services from providers nationwide to rapidly assess and repair major steel lifeline bridges. The engineering and construction challenges for several major projects are highlighted.



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12:00-1:00

Lunch Break
Lakeshore ballroom foyer

1:10 - 1:30

Presentation and welcome from Jayme Schiff Bureau Chief, Bureau of Bridges and Structures Illinois DOT.

1:30-2:30

Presentation- Blackhawk Bridge, Iowa D.O.T.
Fabrication and assembly of the steel truss for this signature bridge crossing over the Mississippi River that connects Iowa Highway 9 in Allamakee County, Iowa to Wisconsin Highway 82 in rural Crawford County, Wisconsin. An overall length of 1352 feet and 5440 tons of steel.
General Contractor Kraemer North America Steel Truss Fabricator Industrial Steel Construction, Gary Indiana.



2:30 - 3:00

Presentation - AISC update
Todd Alwood, VP Membership & Certification, American Institute of Steel Construction, will discuss AISC's workforce development initiative, fabricator education, certification developments, and the updated coating standard.



3:00 - 3:30

Presentation – FHWA Illinois Division
Frank Sharpe will deliver a welcome from the FHWA Illinois Division. Frank will review what a local division's involvement is and how to better interact with your own state's "local" FHWA division.

3:30 - 4:00

Afternoon Break
Lakeshore ballroom foyer

4:00 – 4:15

NCSC Community Discussion Board
The North Central States Consortium is a way for the Departments of Transportation in the upper Midwest to come together to talk about issues in bridge and highway structures design, fabrication, and construction. The goal is to make the job of the State Engineer and Technician easier because they learn how other states manage problems, find solutions, and improve their programs and projects.

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4:15 - 4:45

Presentation - UT Examination of Anisotropic Steel

Ray Momsen of Bureau Veritas will present and discuss Anisotropic Steel. In this special steel, the grains are more elongated than non-anisotropic steel. A special procedure is necessary to examine the steel using UT.

What is anisotropic?

During deformation, the grains can both elongate and rotate. They can align based on the direction of the stress applied by the rollers during deformation. As a result, the properties of the metal change as the direction of the component is changed. The direction of the microstructure affects mechanical properties, magnetic properties, electrical conductivity, and corrosion resistance, and this variability in properties based on direction is called anisotropy.

4:45 - 5:15

Presentation -

5:15 - 5:45

Future Work! States discuss their future lettings and plans.

5:30

End of Scheduled Day

Evening on your own

DAY 3 (Thursday): November 14, 2024

Continental Breakfast - "grab and go" Available from 6:00 - 7:30am

- Breakfast sandwiches and beverages packaged to travel will be available on Thursday morning. Plan to eat it on the way or early before you depart.

Fabrication Shop Tour – Arrive before

Where: ISC Gary Facility - 86 North Bridge St, Gary, IN 46404

Conference Organization -Website -Discussion Board Sponsor

