

North Central States Consortium

11/4/2019-11/6/2019

Amway Grand Plaza Hotel

187 Monroe Northwest, Grand Rapids, MI, 49503, US, TEL: 866-238-4218

Chairman: Peter Jansson, PE - Michigan DOT

Co-Chairmen: Matt Filcek, PE - Michigan DOT (fabrication)

Brad Wagner, PE - Michigan DOT (design)

Conference Coordinators: Melissa Caruso - Michael Baker International

Sarah Wedley - Michigan DOT

Monday, November 4, 2019:

6:00 to 8:00 pm

Monday Night Conference Kick-Off Welcome Reception:

Vandenberg Room

Sponsored by: Valmont Coatings, Bureau Veritas, TUV Rheinland Industrial Solutions, Atema, National Steel Bridge Alliance, Farr and Faron Associates, and Valmont Structures

Tuesday, November 5, 2019:

7:00 – 8:00 am

Breakfast: Complimentary continental breakfast

Sponsored by: Modjeski & Masters, OHM, KTA, Cardinal Fabricating, and Transystems

Vandenberg Room

8:00 – 8:30

Call to order – Peter Jansson, Conference Chair, MDOT

Opening Remarks – Carl Hunt, HRV Conformance Verification Associates
Imperial Ballroom (fabrication track)

Gold Sponsor: HRV Conformance Verification Associates

8:30 – 9:15

Press-Brake-Formed Steel Tub Girders

Guy Nelson, PE, SE, TEG Engineering, LLC

8:30 – 4:45

Design Track (DOT Staff only)

Lyon Room

9:15 – 10:10

Online Design Tools: eSPAN140 Demonstration & Design Example (Steel Bridge Economy & Case Studies)

Karl Barth, Ph.D., University of West Virginia

10:10 – 10:30

Coffee Break: Sponsored by St. Louis Screw & Bolt, Fishbeck, Thompson, Carr, & Huber, and Pennoni

10:30 – 11:00

Coatings Warranty Inspections in MDOT Metro Region

Tiffany Vorhies, NACE CIP-2, Senior Project Manager, SME

- 11:00 – 11:15 **MDOT Update**
Tony Kratofil, PE, MDOT Chief Operations Officer
- 11:15 – 12:00 **Incorporating Steel Repairs into Large Scale Bridge Painting Projects**
Paul J. Forte, PE, PCS, GPI
- 12:00 – 1:00** ***Grand Burger Bar Luncheon: Sponsored by SME, SSPC, and DOTQS***
Vandenberg Room
- 1:00 – 2:00 **Steel Bridge Topics – Design, Costs, & Construction**
Anthony Peterson P.E., Bridge Steel Specialist, NSBA Central Market &
Vin Bartucca, Bridge Steel Specialist, NSBA Northeast Market
- 2:00 – 2:30 **Uncommon Encountered Deficiencies & Solutions During Fabrication of
Signature Bridges**
Miguel Diaz, P.E., Project Manager, Bureau Veritas
- 2:30 - 3:05** ***Break: Sponsored by St. Louis Screw & Bolt, Fishbeck, Thompson, Carr, &
Huber, and Pennoni***
- 3:05 – 3:45 **Steel Bridge Rehabilitation Case Studies**
John Belcher PE, MDOT
Peter Jansson PE, MDOT
- 3:45 – 4:45 **Ancillary Structures: AASHTO, LRFD, & Mitigation Devices**
Carl Machiatto PE, Vice President of Product and Market Development,
Valmont Industries
- 5:30 – 8:00** ***Happy Hour Reception at The Knickerbocker – New Holland Brewing Co.
Sponsored by: D.S. Brown, GPI, and ConStruct***

Wednesday, November 6, 2019:

- 7:00 – 8:00 am** ***Breakfast: Complimentary continental breakfast***
***Sponsored by: Modjeski & Masters, OHM, KTA, Cardinal Fabricating, and
Transystems***
Vandenberg Room
- 8:00 – 8:45 **I94/2nd Ave network arch bridge update**
Mike LaViolette, PE, SE, HDR Inc.
- 8:00- 11:50** ***Design Track (DOT Staff only)***
Lyon Room
- 8:45 – 9:15 **AISC & Certification Updates**
Todd A. Alwood, Director of Certification, AISC
- 9:15 – 9:45 **Phased Array Ultrasonic Testing of Pins Used in Steel Girder Linkplate
Assemblies**
Shawn Johnson, CWI, ASNT Level III, SME
- 9:45 – 10:15** ***Coffee Break: Sponsored by St. Louis Screw & Bolt, Fishbeck, Thompson,
Carr, & Huber, and Pennoni***

- 10:15 – 10:45 **SSPC QP program and updates**
Kevin LaRue, Director of Technical Services, SSPC
- 10:45 – 11:30 **Rehabilitation of MDOT’s Houghton/Hancock Vertical Lift Bridge**
Reid Hoffman, PE, Modjeski and Masters
- 11:30 – 12:00 **State DOT Report Session**
One representative from each State DOT will provide a short report on the status of present and planned projects in their respective state. Illinois; Wisconsin; Missouri; Kansas; Nebraska; Minnesota; North Dakota; South Dakota; Michigan; Iowa; City of Chicago; Ohio; Indiana, *others?*
- 12:00 - 12:20 **Wrap up – Summary Remarks, Acknowledgements, 2020 Meeting Location, Meeting Adjournment**
Peter Jansson, PE, MDOT

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NCSC 2019



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