



BRIDGE & TUNNEL INSPECTORS' CONFERENCE

04/04/2017

1:00 pm - 1:15 pm

1:15 pm - 2:00 pm

2:00 pm - 2:30 pm

2:30 pm - 3:00 pm

3:00 pm - 3:30 pm

3:30 pm - 4:00 pm

4:00 pm - 4:30 pm

4:30 pm - 5:00 pm

Welcome & Opening Remarks

Harvey Coffman, Washington State DOT

Debbie Lehmann, FHWA - WA Division

Keynote Speaker: Tunnel Inspection -- The Future is Now

Shay Burrows, Principal Bridge Engineer - Office of Bridges and Structures, FHWA HQ

Distinguished Guest Speaker--AASHTO Technical T-18 Committee "Bridge Management, Evaluation, and Rehabilitation" Update

Matt Farrar, Bridge Engineer, Idaho Transportation Department

The Front Line On Bridge Scour – You Are The Forward Observer

Dave Henderson, Hydraulic Engineer, FHWA

BREAK

MassDOT Tunnel Inspection Program Overview

Reed Brockman, Associate Vice President, AECOM

Eisenhower-Johnson Memorial Tunnel Inspections – Lessons Learned

Nick Cioffredi, Senior Structures Engineer, Stantec

Moving into Tunnels – Lessons Learned from Applying a Movable Bridge

5:00 pm

04/05/2017

8:00 am - 8:30 am

8:30 am - 9:00 am

9:00 am - 9:30 am

9:30 am - 10:00 am

10:00 am - 10:30 am

10:30 am - 11:00 am

11:00 am - 11:30 am

11:30 am - 12:00 pm

12:00 pm - 1:00 pm

1:00 pm - 1:30 pm

1:30 pm - 2:00 pm

2:00 pm - 2:30 pm

2:30 pm - 3:00 pm

3:00 pm - 3:30 pm

Inspection Program to Complex Tunnels

Ben Clements, Senior Lead Mechanical Inspector, WSDOT Bridge Preservation Office
Spencer Hand, Senior Lead Electrical Inspector, Washington State DOT

ICE BREAKER

HDOT Implementation of Air and Water Drones

Richard Luster, CEIII/SE, Hawaii DOT

Emerging Technology: Unmanned Aircraft Systems (UAS) for Bridge Inspection

Dan Gillins, Assistant Professor, Oregon State University

Risk-Based Inspection Method for Long Span, Complex Bridges

Brett Canimore, Vice President & Senior Project Manager, AECOM

FRP Inspection

John Adkins, Senior Bridge Systems Engineer, Oregon DOT

BREAK

1910 Port of Astoria Pier 2 Inspection Using Lidar/MicroStation & an In-depth Inspection of the 1910 Port of Astoria Pier 2 Facility

Eugene Leon, CAD Drafting Technician, Oregon DOT

Erick Cain, Bridge Inventory Coordinator, Oregon DOT

Jeff Swanstrom, Senior Bridge Inspector, Oregon DOT

Lloyd Bledsoe, Remote Sensing Specialist, ODOT

Culvert and Storm Drain System Inspection Manual

Matthew Richie, Senior Structural Engineer II, Simpson Gumpertz & Heger

White Pass & Yukon Route - Historic Narrow Gauge Railroad Bridge Inspections

Elizabeth Greer, Senior Engineer, AECOM

LUNCH

Implementation Status of NTIS by FHWA

Douglas Blades, Structural Engineer, FHWA

Inspection and Rehabilitation of Heroes Highway Tunnel in Connecticut

Larry Murphy, Vice President & Senior Transportation Engineer, CDM Smith

Overview of Maryland Transportation Authority's Bridge and Tunnel Inspection Program

Tekeste Amare, Bridge Condition Program Manager, Maryland Transportation Authority

Recent Tunnel Inspection Case Studies and Lessons Learned Performing Initial NTIS Inspections for Several Tunnel Owners

Brian Leshko, Vice President, HDR Engineering, Inc.

BREAK

3:30 pm - 4:00 pm

4:00 pm - 4:30 pm

4:30 pm - 5:00 pm

5:00 pm

04/06/2017

8:00 am - 8:30 am

8:30 am - 9:00 am

9:00 am - 9:30 am

9:30 am - 10:00 am

10:00 am - 10:30 am

10:30 am - 11:00 am

11:00 am - 11:30 am

11:30 am - 12:00 pm

12:00 pm

Structural Testing and Monitoring of the I-15 Virgin River Bridges

Mark Bernhardt, Exhibitor, Burgess & Niple, Inc.

Comprehensive Nondestructive Evaluation of Las Vegas Viaduct Deck for Rehabilitation Design

Nick Cioffredi, Senior Structures Engineer, Stantec

Michael Premo, Bridge Inspection Manager, Nevada Department of Transportation

Ultrasonic Testing Technology in Bridge Inspection

Joseph Krajewski, Senior Technical Advisor, HNTB

ADJOURN

Case Study: Encoded Phased Array Ultrasonic Testing and Monitoring of Northport Bridge Tension Anchor Bolts

Paul Knaebel, Senior Lead Mechanical Inspector, WSDOT Bridge Preservation Office

Post-Tensioned Bridges: Diagnosing & Remediating Corrosive Conditions

Dallas Montgomery, Senior Project Manager, Burgess & Niple, Inc.

Sivaraman Venugopalan, Principle Engineer, Siva Corrosion Services, Inc. (SCS)

Failure of Deck/Prestressed Girder Connection on 2 Montana Interstate Bridges

Amanda Jackson, Bridge Conditions and Operations Engineer, Montana DOT

Out of the Woods: An Introduction to the Forest Service and Federal Land Management Agencies

Kathy Van Hecke, Regional Structures Engineer, USDA - Forest Service

BREAK

A Lot "Hinges" on the Rating

Ed Cinadr, Project Manager, Burgess & Niple, Inc.

Lessons Learned on the Inspection and Testing of the US 82 Bridge over the Mississippi River

Ryan Nataluk, Bridge Inspection Program Manager, Stantec

Closing Remarks | Award: Best Presentation | Door Prizes

Jeff Swanstrom, Senior Bridge Inspector, Oregon DOT

Tim Rogers, FHWA - OR Division

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