



PNW BRIDGE INSPECTORS CONFERENCE

2015

APRIL 6 – 8

MONDAY

APRIL 6

6:00 PM **REGISTRATION & DESSERT SOCIAL**

TUESDAY

APRIL 7

7:00 AM **REGISTRATION & MORNING REFRESHMENTS**

8:00 AM **SESSION 1: WELCOME, KEYNOTE, FEATURED, AND DISTINGUISHED PRESENTATIONS**
Pavilion

Moderator: Tim Rogers, FHWA Oregon

Opening Remarks & Welcome
Jeff Swanstrom, ODOT and Tim Rogers, FHWA OR

KEYNOTE
Yesterday, Today and Tomorrow: Bridges and Tunnels in America
Joey Hartman, FHWA HQ

DISTINGUISHED GUEST SPEAKER
23 Metrics: A Current Progress Report
Barry Brecto, FHWA HQ

FEATURED SPEAKER
Inspection to Preservation
Chris Keegan, WSDOT

10:00 AM **EXHIBIT BREAK**
Pavilion Foyer

10:30 AM **SESSION 2: BRIDGE ELEMENTS**
Pavilion

Moderator: Dan Gorley and Jake Legler, ITD

AASHTO Bridge Elements Inventorying Issues
Derek Soden, FHWA Resource Center

Adopting Bridge Inspection by Elements, Challenges & Solutions

Homer Saidi and Mohan Sharma, ADOT

UDOT Transition to Current AASHTO Elements
Joshua Sletten, UDOT

12:00 PM **LUNCH**
Skyline Ballroom @ top of the Hilton

1:00 PM **SESSION 3: DAMAGE & FATIGUE / EMERGING TECHNOLOGIES**
Pavilion

Moderator: Mike Bezner, Clackamas County, OR

Fire Damaged Bridges
Darryl Anderson, Anderson Engineering and Surveying, Inc.

Fatigue in Ancillary Highway Structures
James Wege, WSDOT

Aerial Drones for Bridge Inspection: Pros and Cons
Rich Hovde, David Evans and Associates, Inc.

Imaging of Subsurface Damage in Bridge Decks
Glenn Washer, University of Missouri

3:00 PM **EXHIBIT BREAK**
Pavilion Foyer

3:30 PM **SESSION 4: MOVABLE / COMPLEX INSPECTIONS**
Pavilion

Moderator: Dale Wegner, FHWA NV

Proposed Revisions to AASHTO Movable Bridge Inspection, Evaluation, and Maintenance Manual NCHRP Project 14-32
Scott Snelling, Parsons Brinkerhoff

NEW ELEMENTS IN BRIDGE & TUNNEL INSPECTION

Sitka Harbor and Captain Williams Moore
Bridge Stay Cable Inspections
Christopher Ligozio, KPFF Consulting Engineers

Applications of Variable Speed Drives to
Bascule Bridges, Avoidance of Damage, and
Testing of Dynamic Braking Systems
David Johnson, ODOT

5:00 PM **EXHIBIT & NETWORKING RECEPTION**
Pavilion Foyer

Demonstration of ODOT Software for
Bridge Monitoring & Plans of Action for
Scour Critical Bridges
Allan Carter, ODOT

Unknown Bridge Foundations in Oregon:
A Multi-Disciplinary Approach
Edward Foltyn, ODOT

12:00 PM **LUNCH**
Skyline Ballroom @ top of the Hilton

WEDNESDAY APRIL 8

7:00 AM **REGISTRATION &
MORNING REFRESHMENTS**

8:00 AM **SESSION 5: TUNNELS**
Pavilion

Moderator: Eric Sniezek, WSDOT and Mike Premo, NDOT

FHWA Implementation of National Tunnel
Inspection Standards
Doug Blades, FHWA HQ

Tunnel Inspections Demystified:
Logistics and Considerations
Jamie Schick and Bryan Duevel, Jacobs Assoc.

Pacific NW Tunnel Inspections:
Twelve Years of Lessons Learned Inspecting
Mechanical & Electrical Systems
Mark Vanderee, Parsons Brinkerhoff

National Tunnel Safety Inspection Training
Course Curriculum Development
*Tom Ryan, Michael Baker International and
Brian Leshko, HDR Engineering, Inc.*

10:00 AM **EXHIBIT BREAK**
Pavilion Foyer

10:30 AM **SESSION 6: UNDERWATER/SCOUR**
Pavilion

Moderator: Roman Peralta, WSDOT Local Programs

The Image of an Icon: Underwater
Inspection of the Golden Gate Bridge
*Daniel Stromberg, John Eberle and Wilson Lau,
Collins Engineers, Inc.*

1:00 PM **SESSION 7: INSPECTION
REQUIREMENTS / ACCESS**
Pavilion

*Moderator: Holly Winston, ODOT Local Programs
and Ayodele Akinola, NDOT*

Innovative Access Methods:
Enabling In-depth and Fracture Critical
Inspection of the St. Johns Bridge
Thomas Howell, HDR Engineering, Inc.

Oregon's Bridge Fall Arrest Cable Systems
Jeff Swannstrom, ODOT

ODOT Bridge Inspector Certification Program
Richard King, ODOT

Skagit River Bridge Collapse and Vertical
Clearance Data
George Comstock, WSDOT

3:00 PM **EXHIBIT BREAK**
Pavilion Foyer

3:30 PM **SESSION 8: LOAD RATING**
Pavilion

Moderator: Mark Sodaro, U.S. Forest Service

Posting Bridges for Specialized
Single-Unit Trucks
Bert Hartman, ODOT

Inventory Inspection and Load Rating of
a Historic Vertical Lift Bridge
Matthew Lengyel, David Evans & Associates, Inc.

Closing Remarks, Most Valuable
Presentation Award & Door Prizes
*Harvey Coffman, WSDOT and Debbie
Lehmann, FHWA WA*

5:00 PM **CONFERENCE ADJOURNS**