



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, ITD

AASHTO Bridge Elements Inventorying Issues

Sonny Jadun, 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 Sniezak, 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 Nancy Kennedy, 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**