



PNW BRIDGE INSPECTORS CONFERENCE

2013
APR. 23 – 25

TUESDAY APR. 23

11:00 AM REGISTRATION

Plaza Foyer

1:00 PM SESSION 1: WELCOME, KEYNOTE, FEATURED, AND DISTINGUISHED PRESENTATIONS

Pavilion Ballroom

Moderator: Barry Brecto, FHWA HQ

Opening Remarks & Welcome

Barry Brecto, FHWA HQ and Bruce Johnson, ODOT

National Bridge Inspection Program: Commendable Practices

Keynote Speaker: Larry O'Donnell, FHWA Chicago Resource Center

FHWA Status Report

Tom Everett, FHWA HQ

Risk Based Inspection Frequencies

Glenn Washer, University of Missouri

3:10 PM BREAK

Plaza Foyer

3:30 PM SESSION 2: NATIONAL INSPECTION TOPICS

Pavilion Ballroom

Moderator: Mike Premo, Nevada DOT

Technical Committee 18 Bridge Management Evaluation and Rehabilitation

Matt Farrar, Idaho DOT

Summary of Critical Findings Reviews for the National Bridge Inspection Program

Brian Leshko, HDR Engineering

Non-Destructive Testing to Identify Concrete Bridge Deck Deterioration

Nenad Gucunski, Rutgers University

5:00 PM ICE BREAKER RECEPTION

Alexander's @ top of the Hilton

WEDNESDAY APR. 24

7:00 AM BREAKFAST AND EXHIBITOR DISPLAY

Plaza Foyer

8:00 AM SESSION 3: NON-DESTRUCTIVE TESTING AND EVALUATION

Pavilion Ballroom

Moderator: Matt Farrar, Idaho DOT

Using Thermography for Inspection

Glenn Washer, University of Missouri

Practical Applications and Experiences with FLIR

Steven Lovejoy, ODOT

Nondestructive Evaluation Methods for Structures

Dan Stromberg and Matthew Donahue, Collins Engineers, Inc.

Bridge Assessment Methods Using Image Processing and Infrared Thermography Technology

Masato Matsumoto, NEXCO-West USA, Inc.

MAXIMIZING YOUR BRIDGE INSPECTION PROGRAM

10:00 AM BREAK

Plaza Foyer

Emerging Technology in Field Data
Collection and Management

*Brendan Prendeville and Nathan Cottrill,
Burgess & Niple*

**10:30 AM SESSION 4: UNDERWATER
AND SCOUR**

Pavilion Ballroom

Moderator: *Holly Winston, ODOT*

Underwater Inspection Using ROV

Michael Smith and Loren Wilson, WSDOT

Case Studies of Bridge Scour Inspection

Edward Foltyn, ODOT

Investigation of Unknown Bridge
Foundations in Oregon

Jan Six, ODOT

12:00 PM LUNCH (PROVIDED)

Grand Ballroom (Basement Level)

**1:00 PM SESSION 5: INSPECTION
CHALLENGES**

Pavilion Ballroom

Moderator: *Tim Rogers, FHWA Oregon
Division*

How Do You Inspect Something You
Can't See? Destructive Testing and PT
Ducts in Oregon

Marie Kennedy, ODOT

Ultrasonic Inspection of Steel Pins
Protected with Cover Plates

Roman Peralta, WSDOT

In-Depth Inspection of the Historic
Wheeling Suspension Bridge

Terry Ummer, HDR Engineering

Methods Used to Obtain Measurements
of a Large Truss Bridge with No Plans

Jon Rooper, ODOT

3:00 PM BREAK

Plaza Foyer

3:30 PM SESSION 6: DATA MANAGEMENT

Pavilion Ballroom

Moderator: *Glen Scroggins, WSDOT*

WSDOT Bridge Inspection Integrated
Information System

Steven Kollmansberger, WSDOT

iPad Mobile Inspection App

Kuan Go, HNTB Corp.

THURSDAY APR. 25

**7:00 AM BREAKFAST AND
EXHIBITOR DISPLAY**

Plaza Foyer

8:00 AM SESSION 7: CONCRETE INSPECTION

Pavilion Ballroom

Moderator: *Debbie Lehmann, FHWA
Washington Division*

Unexpected and Difficult-to-Observe
Failure of Reinforced Concrete Bridges
Terrence Paret, Wiss, Janney, Elstner Assoc.

Precast Concrete Girder Fire Damage
Inspection with Schmidt Hammer
*Amanda Blankenship, David Evans and
Associates*

Eldridge Avenue Pipeline Crossing:
Lessons Learned

Kash Nikzad, Trantech Engineering LLC

Inventory Inspection and Load Rating of
a Complex Segmental Concrete Bridge

Matthew Lengyel, David Evans and Associates

10:00 AM BREAK

Plaza Foyer

10:30 AM SESSION 8: TUNNEL INSPECTIONS

Pavilion Ballroom

Moderator: *Roman Peralta, WSDOT*

Inspection of the Robertson Tunnel
Matthew Miller, Parsons Brinckerhoff

ODOT Tunnel Management and
Rehabilitation Program

Jamie Schick, Jacobs & Associates

Closing Remarks: Door Prizes and Best
Presentation Award

*Jeff Swanstrom, ODOT and Tim Rogers,
FHWA Oregon Division*