



2007 Pacific Northwest

Bridge Inspectors' Conference

"New Developments in Bridge Inspection"

April 3 – April 4, 2007

Sheraton Portland Airport Hotel—Portland, OR

Conference Description

The Bridge Inspectors' Conference will provide a forum for bridge inspectors and managers to share information, innovations, ideas, and best practices. Additional opportunity will be provided for attendees to gain a current federal perspective on implementation requirements of the new National Bridge Inspection Standards.

Continuing Education Units

One Continuing Education Unit is offered by Washington State University for \$5. Please see Dana at the Registration desk to obtain the CEU form.

Presentation CD's

CD's of the Bridge Inspectors' Presentations are available for \$5. You can purchase them at the Registration desk or online at: www.capps.wsu.edu/bridgeinspectors

Evaluation

Please complete the conference evaluation online at:
www.capps.wsu.edu/BridgeInspectors/evaluation

Save the Date

Save the date for the 2008 Pacific Northwest Bridge Maintenance Conference. October 7th and 8th at the Seaside Convention Center, Seaside, Oregon.

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Organized by the Oregon, Washington, Idaho, Alaska, California, Hawaii, and Montana transportation departments, the Federal Highway Administration, and Washington State University—Center for Distance and Professional Education.

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CONFERENCE AGENDA

Tuesday, April 3rd

7:00 – 8:00

REGISTRATION

8:00 – 8:45

WELCOME & INTRODUCTIONS

Moderators: Gary Bowling, ODOT & Tim Rogers, FHWA-OR

Welcome – *Bruce Johnson, Bridge Engineer, ODOT*

Keynote Speaker – *Tom Everett, Bridge Programs Team Leader, FHWA-HQ*

8:45 – 10:15

SESSION 1: UNDERWATER INSPECTIONS

Moderator: Richard Hunt, CalTRANS

8:45 – 9:15

WSDOT Underwater Inspection Program

Shawn Plictha, Senior Lead Underwater Bridge Inspector, WSDOT Bridge Preservation Office

9:15 – 9:45

New NHI Course on Underwater Inspection That Fulfills the NBIS Requirements

Dan Stromberg, Chief Structural Engineer, Collins Engineers

9:45– 10:15

Diver Training Necessary to Successfully Perform as an Underwater Bridge Inspector in the Challenging Conditions of the Pacific Northwest

David Reser, President, Infrastructure Engineers, Inc.

10:15 – 10:45

BREAK

10:45– 12:15

SESSION 2: INSPECTION OF TIMBER STRUCTURES

Moderator: George Comstock, WSDOT

10:45– 11:15

Insects, Splits, and Rot. Oh My!

Benjamin Blegen, Senior Engineer, King County DOT

Margaret Holwegner, Bridge Engineer 1, King County DOT

11:15 – 11:45

Timber Inspections in Washington

James Wege, Bridge Inspector, WSDOT

11:45 – 12:15

Assessment of In-Service Timber Bridges Using the Resistograph

Jeff Swanstrom, Senior Bridge Inspector, ODOT

Erick Cain, Local Agency Bridge Program Coordinator, ODOT

12:15 – 1:30

LUNCH (provided)

1:30 – 3:00

SESSION 3: FRACTURE CRITICAL / SPECIAL INSPECTIONS

Moderator: Domingo Galicinao, FHWA-Hawaii

1:30 – 2:00

Fracture Critical and Fatigue Prone Inspection of the West Fremont Bridge Approach Structures

Mark Libby, Bridge Program Manager, HDR Engineering, Inc.

Terry Ummer, Bridge Inspection Team Leader, HDR Engineering, Inc.

2:00 – 2:30

Fracture Critical Inspections in Alaska

Gary Scarbrough, Bridge Inspection Manager, Alaska DOT&PF

2:30 – 3:00

ODOT's Bridge Hanger and Pin Inspections

Steven Lovejoy, Senior Mechanical and Fracture Control Engineer, ODOT

3:00 – 3:30

BREAK

3:30 – 5:00

SESSION 4: SCOUR MONITORING

Moderator: Chuck Hanson, Montana DOT

3:30 – 4:00

Klineline Bridge Scour

Carolyn Heniges, Bridge Program Manager, Clark County Public Works

Bart Arthur, Civil Engineer, Clark County Public Works

4:00 – 4:30

Caltrans Scour Monitoring Applications

Kevin Flora, CalTRANS

4:30 – 5:00

Alaska's Low Water Inspection Program

Michael Higgs, Underwater Inspection Project Manager, Alaska DOT&PF

CONFERENCE AGENDA

Tuesday, April 3rd (continued)

5:00 – 6:00

HORS D'OEUVRES RECEPTION

6:00 – 7:00

BRIDGE INSPECTION EVENING SESSION

Moderator: Glen Scroggins, WSDOT

Moderator: Ray Keller, Idaho DOT

Alaska's Bridge Inspection and Reporting Systems

John Orbistondo, Engineering Assistant, Alaska DOT&PF

Load Rating of Wood Bridges Using LRFR & ASD

Scott Groenier, Structural Engineer, US Forest Service

Bridge Inspection Report Writing

Roman Peralta, Lead Bridge Inspector, WSDOT

Scour Plans of Action: How Do We Use Them?

John Woodroof, Bridge Hydraulics Engineer, ODOT

Wednesday, April 4th

8:30 – 10:00

SESSION 5: ACCESS AND SIGN STRUCTURES

Moderator: Jeff Swanstrom, ODOT

8:30 – 9:00

Rope Access for Bridge Inspection: Industry Standards & Best Practices

Jan Holan, President, Society of Professional Rope Access Technicians

9:00 – 9:30

Fracture Critical Alaska Ferry Terminal Inspections Using Adapted Climbing Techniques

Dale Poorman, Chief Engineer Bridge Inspection, Burgess & Niple, Inc.

Michael Lukshin, Engineering Manager, Alaska DOT&PF

9:30 – 10:00

Safety Restraint Systems & Difficult Access

Mike Pulzone, Region 4 Bridge Inspector, ODOT

Bob Schmidt, Region 1 Bridge Inspector, ODOT

10:00 – 10:30

BREAK

10:30 – 12:00

SESSION 6: BRIDGE HEALTH MONITORING AND QA / QC PROGRAM

Moderator: Dave Bruce, WSDOT

10:30 – 11:00

Seattle DOT Bridge Long Term Monitoring

John Buswell, Associate Civil Engineer Specialist, Seattle DOT

11:00 – 11:30

Historic Perry Arch Bridge Inspection & Rehabilitation

David McCurry, Jr., Bridge Engineer, Otak

11:30 – 12:00

Measuring Inspector Proficiency

Steve Tuttle, Local Agency Bridge Inspection Coordinator, ODOT

12:15

Conference Adjournment

Moderator: Barry Brecto, FHWA-WA

Moderator: Harvey Coffman, WSDOT

Moderator: Grant Griffin, WSDOT



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