

# WSDOT 2015 ABC Workshop

Bridge & Structures Office

7345 Linderson Way SW Tumwater WA  
Room 1028

Presentations



Panel Discussion



EXPLORE  
**ABC**



Academia &  
Research



FHWA

WSDOT

Precast  
Industry



Construction  
Industry



Consulting  
Engineers



Wednesday April 1st, 2015  
7:30am- 4:30pm

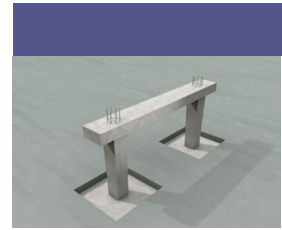
ABC = ACCELERATED BRIDGE CONSTRUCTION



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AGENDA



Moderator: John Stanton, University of Washington

## Morning

### Registration

Time: 7:30 -8:00 am

### Welcome and Introductions:

Time: 8:00 -8:15 am

Tom Baker, WSDOT  
Debbie Lehman, FHWA

### Session 1 Presentations: Big Picture for ABC

Time: 8:15-10:00 am

- Ben Beerman, FHWA – “ABC National Perspective”
- Mary Lou Ralls, Ralls Newman, LLC – “Resources Available through the ABC University Transportation Center”
- Chuck Prussack, Old Castle – “Overview of ABC Projects in the PNW”
- Bijan Khaleghi, WSDOT – “New Developments in Accelerated Bridge Design and Construction in Washington State”

### Morning Break

Time: 10:00-10:15

### Session 2 Presentations: Research & Development

Time: 10:15- 12:00

- John Stanton, University of Washington – “A Bridge Bent System Deigned for Rapid Construction and Superior Seismic Performance”
- Atorod Azizinamini, Florida International University – “ABC-UTC Research Activities for Development of Steel Bridge Systems for Seismic Areas”
- Saiid Saiidi, University of Nevada at Reno – “Novel Materials and Concepts for ABC in Moderate and High Seismic Zones”
- George Ghusn, Structural Component Systems – “Rapid Column Systems Overview and Design Guide”

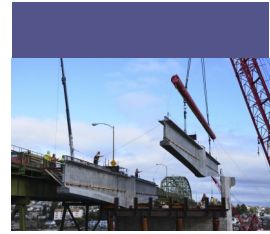
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## Lunch

### Lunch & Presentation:

Patrick Gallagher, WSDOT Bridge Design – *“Update on WSDOT ABC Chapter for the Bridge Design Manual”*

Time: 12:00-1:00

## Afternoon

### Session 3 Presentations: Case Studies

Time: 1:00–2:45 pm

- Bala Sivakumar, HNTB – *“Using the SHRP2 ABC Toolkit”*
- Dusan Radojevic, Buckland & Taylor – *“Accelerated Deck Replacement for the MacDonald Bridge”*
- Kevin Dusenberry, Jacobs – *“Lateral Slide of Historic Bridge in Washington State”*
- Greg Banks, BergerABAM – *“Washington Highways for LIFE project and Recent Applications”*

### Afternoon Break

Time: 2:45–3:00

### Panel Discussion – Viewpoints for Implementing ABC:

Time: 3:00 – 4:20 pm

Moderators: Lee Marsh and Mark Gaines

- Steve Seguirant – Precast Concrete Industry, CTC
- Saiid Saiidi – Research, UNR
- Mary Lou Ralls – National ABC, Ralls Newman
- Geoff Swett – Owner, WSDOT
- Jim Guarre – Design, BergerABAM
- Charlie DeGapolis – Contractor, Atkinson

### Next Steps and Closing Remarks:

Time: 4:20 pm

Tom Baker, WSDOT

### Adjourn

Time: 4:30 pm