



**Washington State
Department of Transportation**

ACEC

American Council of Engineering Companies
of Washington

WSDOT/ACEC Bridge & Structures Sub-Committee Report

WSDOT Co-Chair

Jeri Bernstein, PE / SE, WSF

Michael Rosa, PE, WSDOT Presenting

ACEC Co-Chair

Paul Brallier, PE / SE, HNTB Corp.

June 14, 2016



2016 Members

- **Jeff Carpenter**
Team Sponsor – State Design Engineer
- **Jeri Bernstein – PE, SE**
Co-Chair - Bridge Design Office
- **Glen Scroggins, PE, SE**
Bridge Design Office
- **Michael Rosa – PE**
Bridge Design Office
- **Jed Bingle – PE, SE**
Bridge Design Office
- **Luong Tran – PE**
Bridge Design Office
- **Mark Gaines – PE**
Construction Office
- **Bijan Khaleghi – PE, SE**
Team Mentor - Bridge Design Office
- **Lindsay Yamane – PE, PMP**
Team Sponsor – Parsons
- **Paul Brallier – PE, SE**
Co-Chair – HNTB Corp.
- **Bill Elkey – PE, SE**
Parsons
- **Richard Patterson – PE, SE**
COWI Bridge
- **Chester Werts – PE, SE**
HDR, Inc.
- **Paul Guenther – PE, SE**
COWI Marine
- **Matthew Lengyel- PE, SE**
Figg Bridge Engineers, Inc.



2016 Outgoing Co-Chairs

Geoff Swett – PE, SE
Co-Chair - Bridge Design Office

Jim Schettler – PE, SE
Co-Chair - Jacobs

- Committee members for over 8 years
- Co-chairs since 2010
- Re-constituted the committee in 2014 after operations were suspended due to budget cuts in 2012

What we do!

Team Vision:

“PROVIDE A PLATFORM FOR THE EXCHANGE OF STRUCTURAL ENGINEERING IDEAS BETWEEN WSDOT AND THE CONSULTANT COMMUNITY.”

- **Promote cost-effective, constructible, quality projects**
- **Share best practices, lessons learned, and new engineering innovations**
- **Establish design guidelines for all delivery methods**



What We Do!

(continued)

- **Enhance understanding of WSDOT and consultant business**
- **Promote innovation**
- **Maintain awareness of environmental permitting requirements**
- **Provide value to engineering and construction communities**



2015-2017: SUB-COMMITTEE ACTIVITIES

(Continued)

Provide Value to Engineering Communities

- **WEBSITE DEVELOPMENT:**

<http://www.wsdot.wa.gov/bridge/acec/>

- **DESIGN REVIEW SERVICES: “Ask a Question” & “Request a Project Review”**

- **Bridge & Ferry Terminal: Post-earthquake Evaluation Implementation**

2015-2017: SUB-COMMITTEE ACTIVITIES

(Continued)

Share best practices, lessons learned, new engineering innovations and EQ preparedness

- **100 vs 75 Year Design Life Impacts**
- **BDM, Standard Specs & SP's**
- **Evaluate D/B for small jobs**
- **Post-EQ Bridge Evaluation Training Local Agency**
- **WSDOT Project Delivery Method Selection Guide (PDMSG)**
- **Friction Pendulum Bearings**
- **Bridge Deck Cracking Study**



2015-2017: SUB-COMMITTEE ACTIVITIES

(Continued)

Review design guidelines for all delivery methods

- **WSDOT's D/B BDM**
- **DRAFT GC/CM Contract Language**



SUB-COMMITTEE FUTURE TOPICS

- **Practical Design/Practical Solutions**
 - **Incorporate LCCA**
 - **Expansion Joint Design**
- **Succession Planning**