

WSDOT/ACEC Structures/Geotechnical Team

MEETING MINUTES

May 19, 2023 -- 9:00 AM – 12:00 PM

MS Teams Meeting

	Name	Organization	Present
	Evan Grimm, PE/SE	WSDOT – Bridge Design (co-chair)	Y
	Katie Olleman, PE	WSDOT - Bridge Design	Y
	Doug Olson, PE	WSDOT – Bridge Design	Y
	Richard Brice, PE	WSDOT – Bridge Design	Y
	Scott Sargent, PE	WSDOT – Bridge Design	N
	Jeri Bernstein, PE/SE	Washington State Ferries	N
	Julie Heilman, PE	WSDOT – Hydraulic Office	N
	Andrew Fiske, PE	WSDOT – Geotechnical Office	Y
	Amy Leland, PE/SE	WSDOT – Bridge Design (guest)	Y
ACEC	Joan Zhong-Brisbois, PE/SE	Jacobs (co-chair)	Y
	Lee Andrews, PE/SE	HDR	Y
	Matt Barber, PE	WSP	N
	Matt Baughman, PE/SE	COWI	Y
	Stan Boyle, PE	Shannon & Wilson	N
	Brice Exley, PE	Haley & Aldrich	Y
	Eric Herzstein, PE/SE	Parsons	N
	Yang Jiang, PE/SE	HNTB	N
	Scott Phelan, PE/SE	CapRock Engineering	Y
	Reza Sehhati, PE	Conсор	Y

1. Review meeting agenda (5 minutes) – All
Agenda reviewed; no additional agenda items proposed.
2. Review minutes from March 17 meeting (5 minutes) – All
Minutes accepted
3. Update on Scour Design (20 minutes) – Amy Leland
Amy presented the latest development by WSDOT on scour, which included BDM 7.1.7, Roadside Manual 830, Design Manual 720 and more. We had a good discussion related to significant coordination, schedule/cost risk in incorporating maintenance, and pre-design process.
4. Project highlight: Spokane River Crossing Project (30 minutes) – Doug Olson

Doug presented overview, case study and challenges in this project, and highlighted some of the solutions to address existing conditions (retaining wall, excessive scour, poor soil).

---**Break** (10 minutes)---

5. Question of the month (25 minutes) – How significant would automation impact consulting engineers’ skillset and workflow?

Joan led the discussion. The group provided good insight into digital delivery, Building Information Modeling, the future of structural design work functions, quality control and AI checking. Rick Brice provided specific input related to this topic and to open industry standards. Scott Phelan concerns about engineer/firm liability and risks that the owners may need to help address.

6. WSDOT/ACEC Annual Meeting input (15 minutes) – Evan/Joan

a) June 29 Annual Meeting. What input from this group on what we should report out?

- i. Scour design policy changes and associated impacts
- ii. Project highlights
- iii. Policy and research topics – UHPC

b) Future topics for this subcommittee:

Alternate contract delivery - P3 and progressive design-build

- i. Is it possible by current WA law?
- ii. Is there an alternative delivery?
- iii. What about progressive design-build?
- iv. Maybe have key managers or decision-makers from other groups within WSDOT speak to our group.

7. Group membership and meeting dates for 2023-2024 (10 minutes) – All

(a) At the end of the committee year, we can give people the opportunity to rotate out. That gives us the chance to rotate others in. Evan will reach out to the group for membership status update.

(b) Evan to block out the below dates for future meetings.

8. Adjourned at 11:20am

Have a great summer!

Future meeting dates:

September 15, 2023

November 17, 2023

January 19, 2024

March 15, 2024

May 17, 2024