

2021.0319 ACEC/WSDOT PD Meeting

Thursday, March 18, 2021

8:43 AM

ATTENDEES

- Lisa Reid/SCJ Alliance Co-Chair
- Mike Fleming/WSDOT
- Kevin Miller/WSDOT Co-Chair
- Suryata Halim/RHC Engineering
- Steve Olling/Parametrix
- Chuck Meade/WSDOT
- Chad Hancock/WSDOT
- Ben Hoppe/JUB Engineers
- Brian White/WSDOT
- John Donahue/WSDOT
- Daniel Babuca/WSP
- Manuel Feliberti/DEA
- Don Sims/HNTB
- Heather Weeks/Jacobs
- Jeff Lavinder/Parsons

Guests

- Van Collins/ACEC President/CEO
 - Steve Larson/SDOT
 - Amir Rasaie/WSDOT NWR (for Cathy)

Not in Attendance

- Alec Williamson/WSDOT
- Larry Larson/WSDOT
- Chris Keifenheim/WSDOT
- Cesar Mayor/WSDOT

NOTES

3 New ACEC Members

- Don Sims/HNTB
- Heather Weeks/Jacobs
- Jeff Lavinder/Parsons

Guests from SDOT-ACEC Committee

- Lisa Reid
- Steve Larson/SDOT
- Van Collins/ACEC President/CEO

Staff Updates

- Executive Team Positions
 - Keith Metcalf retired, Amy Scarton appointed Deputy Secretary to replace him.
 - Patty Rubstello appointed to backfill Amy
 - Julie Meredith Urban Programs and MEGA Programs
- HQ Trainer
 - Aaron Knighton left to ODOT, extended an offer which was accepted.
- Safe Start
- Roadmap for Recovery - Transition back into the workplace. After July 1, start to segue portions of the workforce back in waves, 1st wave ~ 25% of workforce (masks + 6' social distancing), 2nd wave ~ 50% workforce (same social distancing), 3rd wave back to 100% staffing levels (undetermined at this point).
- Space Planning -
 - Expect teleworking to be a greater part of the workforce. Conversations about consolidating work spaces if don't need a space for everyone. Do they look at model where share workspaces, need less raw SF and may consolidate.
 - HQ + ELG could consolidate to one location for example.
 - Transitioned over time.

Regions

1. Chuck - OLR
 - New PE Tom Slimak in Fife promotion in place of Gaius Sanoy (new OLR PM)
 - Tacoma PE Justin ? (previously APE in Fife)
 - Created new position Fish Passage/Tribal Coordinator Cade Roller.
 - Working on GEC contract to help augment staff in OLR design team groups. Published on Consultant Services look-ahead website. Reach out to Chuck if you have questions.
2. Amir - NWR
 - Major remodeling of Dayton building, not occupied for last year. Slowly starting to return (end June). Teleworking big part of how do business.
 - Dave McCormick - ARA for maintenance retiring at end of June. Morgan D will replace?
 - Cathy George retired, not backfilled
 - Adam Emerson new PE, leading DBB office (FP, preservation, safety)
 - Norene Pen move to traffic office.
 - GEC - HNTB utilizing for FP and staff augmentation. Lots of work, reach out to HNTB team.
3. Brian White -
 - Bill Preston left LP, Randy Giles will assume his position
 - Robert Fleming will backfill Randy
 - Need ADE for Bob Hooker's design office
 - E2 hires authorized
 - Interviewing interns
4. Chad Hancock - SWR
 - New acquisition supervisor ROW Joellen Solias
 - Lots of E2/E3 hires
 - 8 new interns this summer

5. Don Sims - HNTB

- Jim Thompson Retiring in May - office leader, regional leader

6. Suraya Halim - SR 520

- 520/I-5 project going into construction this summer and will be looking for multiple positions incl PE level
- Jeff Minor and Mark Russell (pavement engineers) are retiring soon at WSDOT

Design Policy Updates

John Donahue - key time during policy development for reviews. Publish in September. Going over early reviews next week - let John know if you want to join the calls.

Summary of 2021 topics

HQ Design - 2021 Policy Work Plan (DRAFT FOR DISCUSSION 1/29/2021)				
Chapter	Lead Author (ASDE)	Category	Suggested Change	Task Notes
550	Scott Zeller (Jim Mahugh)	Access	WAC 468 58 080 allows <u>direct bus access</u> .	Update manual based on WAC revision
1330	Kevin Miller (Rick Keniston)	ADA	Section 1330.04(4)(a) - review policy sources (ADA memo, transition plan, other policies) on when to address APS and revise as needed.	
1500's	Jay Wells (Scott Zeller)	ADA	Various ADA updates	Still being scoped
740	John Donahue (Dean Moon)	Barrier	MASH implementation removing noise wall integrated traffic barrier - 740.02(2)	Driven by MASH compliant approach to barrier and noise wall
1600	Donahue (TBA)	Barrier	<u>Median protection update (width/ADT/type)</u> . Consider risk based approach (NCHRP 15-65 and/or NCHRP 22-31), state of the practice review.	Priority is test level selection for rural <u>median barrier conversion</u> (current)
1610	Donahue (TBA)	Barrier	<u>Cable barrier in narrow medians</u> . Mods to GSP, DM guidance at a minimum.	Providing an alternative to median barrier types where occupant risk, cost are a factor. State of the practice review (ODOT US26, PennDOT)
1610, GSP	Donahue (TBA)	Barrier	Add bullet 1610.04(4): Using steel posts in "fire prone areas". Will also require a GSP	Consult ESO about what is a fire prone area and/or what makes the median standpoint.
Std Spec	Donahue (TBA)	Barrier	Stricter standards on <u>pressure treating wood</u> posts.	See WSU report on wood post decay and consensus recommendation
Multi Chapters	Kevin Miller	Design	Adding references to <u>TSMO</u> to key locations in the manual	Possible Chapters so far: - DM 1010 and Glossary (traffic) - DM 550.05 and 550.05(2) (travel demand management). - DM 1100, DM 1104, multimodal requirements
110	Dean Moon (Dean Moon)	Design Build	<u>Design Build</u> update by Dean Moon	
1130	Chris Schroedel (Scott Zeller)	Dev. Serv.	Prepare new chapter 1130 Development Services.	Provide policy in the DM and Prepare guidance documents to supplement awareness on Development procedures and retire the Development Services
300	Juli Hartwig (Jim Mahugh)	Documentation	Resource conservation area <u>clarification</u> (DM Exhibit 300-3)	RCAs are not mentioned right now, and roadside policy manual needs
300	Jim Mahugh (Jim Mahugh)	Documentation	Move information from Exhibit 300-4 to Exhibit 300-3 and delete Exhibit 300-4 (<u>organizational change</u>)	Eliminating the distinction between "approvals" (Exhibit 300-3) and "pro
300	Scott Zeller (Jim Mahugh)	Documentation	300.04(1) - Currently refers to design approval <u>locking "design policy"</u> in general (other manuals and disciplines).	Change from "Design Policy" to "Design Manual version". Other policy to design approval.
321	Donahue (Keniston)	Documentation	Stipulate conditions when a Collision Analysis Report (CAR) and Intersection Control Evaluation (ICE) will eliminate the need to complete a Basis of Design.	Still being scoped. May need to be elevated to make it go on the Traffic programmatic projects so must include CPDM and their expectations.
720	John Tevis (Kevin Miller)	Documentation	Terminology standardization (minor): 720.03(13) " <u>Screening</u> " Highway Structures called "Protective Screening" elsewhere	720.03(13), 1510.14(1), 1515.04, 560.02(4). Note glare screening is a places.
1100	John Donahue (Scott Zeller)	Documentation	Provide better guidance on how and when to evaluate whether to change an element. This should mainly be a more consistent reference to mode, function, performance process.	<u>Strike a balance</u> between "bringing everything up to standards" and setting (like a narrow shoulder) because it matches existing
1239	John Donahue (Jim Mahugh)	Documentation	Flexibility in using corridor consistency and other factors in <u>shoulder width decision</u> .	Fish passage projects are driving this improvement.
1102	John Donahue (Scott Zeller)	Documentation	Update CMAR and guidance behind it to reflect interests and observations made by modal division input (Trevor Davis court, Brian Wood)	May involve updates context determination procedures and data. Multimodal drive content. Also consider progress made by FDOT, ODOT in their focus on speed management, design treatments, and associated design
1100s	John Tevis (Scott Zeller)	Documentation	BOD exemptions in 1100.10(1)(a)	Making this section so you do not have to go to 1105 and 1120 to find an exemption
Single-Issue - Multiple Chapters	Donahue (TBA)	Documentation	Approvals and <u>region designees</u> . SET ASIDE ALREADY ADDRESSED OUTSIDE THE MANUAL	Clarify how region delegated decisions are made where approvals are a Determine if we can describe a global rule on delegation, providing occ

John Tevis & Dale Severson (Kevin Miller)	Driveways	Rearrange Section 1340.03 for clarity (just organization)	Just reorganizing disjointed content for clarity
John Tevis (Dean Moon)	Geometrics	<u>Ramp width issue</u> (DM Exhibit 1239-6 and DM 1360): Lane and shoulder width consistent with AASHTO.	Concern that our guidance will result in ramps that are not wide enough using AASHTO.
Michael Rosa Bridge Office (Kevin Miller) (Jim Mahugh)	Geometrics	Current policy requires vertical curve. Interest in providing <u>maximum grade break</u> vs speed. Driven by bridge approach slab questions.	TTI, TxDOT, OhioDOT, others are being reviewed. Note 1 Standard Plan A-60.30 specifies max 1" in 40' at approach.
Geo Tech Tony Allan (Dean Moon)	Geotech	<u>Well decommissioning</u> guidance (legal requirement)	AWV after action
John Donahue & Dean Moon (Scott Zeller)	Preservation	Verify intent for roadside safety hardware work in <u>P2 projects</u> .	Possible splitting up Preservation row in <u>Exhibit 1105-1</u> into P1 and P2/P3 with different in
Donahue (TBA)	Preservation	Address what preservation means with respect to bringing things up to <u>previous standard vs. new standard</u> .	Still being scoped. Communicate cost implications.
Donahue (TBA)	Preservation	Clarify that 1120 content is only instruction for <u>P projects</u> , and 1600, 1610 are only content for <u>I projects</u> . Provide cross references as needed.	Driven by CPDM is now allowing rumble strip work in P1 projects using preservation dollar guidance is in 1600.
John Tevis (Scott Zeller)	Safety	<u>Terminology adjustment</u> , 1600.05(1)(a) Change "Roadway Rumble Strips" to "Transverse Rumble Strips"	Terminology update and confirming <u>traffic office</u> contact
Donahue (TBA)	Safety	<u>Clear zone refinements</u> : includes to left across the centerline line, introduce "intended lane of travel", address clear zone for part time use	Review state of practice.
Donahue (TBA)	Safety	DM 1600.02 and clear zone inventory form. Clarify that <u>clear zone include new features</u> (those constructed by the project).	
Donahue (TBA)	Safety	Remove <u>measuring rumble strips</u> in rehab (1120.03(7) and 1600.05). Use pavement van or standardize on one chip seal then rehab.	Also increase standard rumble depth where they immediately are chip sealed.
John Donahue (Dean Moon) (Scott Zeller)	Safety	<u>Fall protection update</u> . Reference new cable rail, chain link options. Expand beyond the walls chapter.	Review revised WAC and bring into compliance. Bring additional provisions per NWR (eg for steep slopes)
Jim M? (Rick Keniston)	Traffic	1010.04(1) Transportation Management Plan - TMP and the mitigations replace the function of a formal design analysis.	DA's not used for <u>construction period modifications</u> , but the manual doesn't say that.
Donahue (TBA)	Traffic	Introduce results of NCHRP 17-76 for <u>setting target speed</u> by context classification and roadway type.	Need to consult with Traffic Office on path forward here.

Update on WSDOT/ACEC Executive Team Meeting

- Annual Meeting June 16, 2021
- Two breakout Sessions
- Let Lisa know if you want more specific information
- Legislative Session & Revenue Forecast

Focus Area Review/Discussion

- Design Build Design Approval
 - ~~Conceptual Design Approval (DA)~~ — **Completed with DM Publishing**
 - ~~DA Package at Proposal Stage in DB Manual~~ — **Completed with DM Publishing**
- Project Delivery Tools
 - ~~Project Delivery Method Selection Guidance revisions~~ — **Complete**
- Design Build
 - ~~Pre-procurement DB Manual Updates~~ — **Complete**
 - DB Template Section 2 Elements Update — **In Progress – verify**
 - DB Selection Process — **Not Started (keep)**
- Policy Updates
 - Design Manual Chapter Reviews — **Ongoing**

➤ Delivery Process Improvement

- Evaluation of SHRP2 C19 Expediting Project Delivery strategies —
~~Completed (No Action)~~
- Measuring Quality – Not Started (Keep, WSDOT Team working on)
- Antiquated Documentation Requirements – Not Started (keep)

➤ CEVP/CRA/VE

- Best Practices and Applications – Not Started (Keep)
- Policy/Guidance Review and Updates – Not Started (keep)

➤ Electronic Files For Bidding Purposes – In Progress (pilots going) No Issues thus far. Looking to codify into policy.

➤ Consultant Evaluation Process Update – Complete – Final
Next up is CSO Manual appendices. Ask CSO to complete, us review

➤ Best Practices For Remote/Virtual Delivery

- Measuring Quality: Quality Group Led by Mark Gable, will invite to the next meeting.
- Best Practices for Remote and Virtual Delivery - how do we want to approach this as a group? What is working for you and your agency? How can we capitalize on that and where should we take this?
 - BlueBeam
 - Manuel - noticed at DEA using BlueBeam REVU to do reviews and is a tool that is powerful and easy to use. Noticed that he still catches conflicts better with the plans in front of him.
 - Jeff said they're using on the Federal Way Link Extension - still like old school.
 - Daniel - using more on 167, had crash course
 - Brain White - using since C-19 pandemic, matter of getting enough licenses
 - Lisa - Seal and Sign document
 - Chuck - using in some offices, making QA/QC more efficient
 - Chad - haven't been and will look into it
 - Amir - transitioning to BlueBeam
 - Electronic Signatures
 - Brian - electronic signature transition is quickly helping.
 - Kevin - electronic signatures is expediting approvals quickly. File size issues with applying digital signatures. Apply image of signature over them and then certifying the document is working better with big plan sets.
 - Suraya - definite learning curve but useful tool
 - For our team - white paper of best practices
 - Suryata - 520 Design Team - The logistics of coordination. Working with lots of introverts, big learning curve for team to coordinate with calls and video calls has been important and challenging.

Legislative Session and Revenue Forecast

- Multiple versions of a new funding package are being contemplated. Currently assuming no new revenue package and operating under the current Governor's budget.
- The new revenue forecast as of 3/22 (post 3/19 ACEC meeting, earlier indications were more positive for transportation), is actually less than projected from the November forecast. This

means that revenue recovery will likely be longer than previously projected. There are indications of a recovery trend, primarily with vehicular volumes. Volumes steadily increasing - we're at about 94% of 2019 highway volumes. However, ferries, Amtrak are lower, but steadily increasing. Toll corridors lagging significantly. WSF at about 66%. Transit 50% ridership is slow to increase. Amtrak at 13%. SeaTac 73%.

- Van
 - Legislature is getting ready to break loose, current revenue budgets due out early next week. Will know what house and senate chairs are looking at.
 - Another bills to watch: Low carbon fuel standard bill - relates to fuel cost; cap and vest S5126 with proposed substitute bill coming that may have a link to transportation in the enforcement section, not enforceable until new transportation revenue is in place (\$500m per year or biennium).
 - Is there momentum and willingness to find votes to put a funding package together
 - ACEC - if partisan only packages move forward - what will that do to future cooperation? Hoping to see a non-partisan approach to solidify future years.
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