**Wisconsin Department of Transportation**

**Date:** November 4, 2024

**Subject:** Agenda for Aggregate Subcommittee Meeting

**Location:** MS Teams Meeting

**Time:** 10:00 AM to 12:00 PM

**Attendees:**

**WisDOT Members:**

[ ]  Barry Paye – BTS Director

[x]  Erik Lyngdal – BTS Chief Materials Engineer

[x]  Tirupan Mandal – BTS Concrete Materials Unit Supervisor

[x]  Adam Albers – BTS Lab and Aggregate Engineer

[x]  Dan Reid – BTS Geologist

[x]  Josh Seaman – BTS Aggregate Specialist

[ ]  Mark Kray – BTS Soils and Aggregate Specialist

[x]  Carson Walch – BTS Lab and Field Specialist

[x]  Jamie Cynor – NER Concrete & Aggregate IA/QMP Coordinator

[ ]  Chad Hayes – BPD Construction Oversight Engineer

[ ]  Wayne Chase – BPD Local Program and Construction Project Oversight Unit

**FHWA Members:**

[ ]  James Pforr – FHWA Pavement & Materials/Asset Management Engineer

**Industry Members:**

[x]  Jack Peterson – Yahara Materials

[x]  JR Ramthun – Michels Corporation

[x]  Mark Sander – MTE Services, Inc

[x]  Matt Grove – Wisconsin Transportation Builders Association

[ ]  Mike Kleist – James Peterson Sons, Inc

[ ]  Erin Longmire – Erin Longmire Consulting, LLC

**Agenda Items:**

1. Welcome – T. Mandal (5 min)
	* Carson Walch – BTS Lab and Field Specialist
2. MOTP Updates – A. Albers (10 min)
	* No updates currently.
3. Task Force Updates – T. Mandal/ D. Reid (10 min)
	* ASR Testing
		+ More than half of testing is complete, the rest of the quarry sources will be complete by end of January.
		+ **Action Item:** T. Mandal to schedule TF meeting in late Jan/early Feb 2025.
	* MSE Wall Backfill
		+ Task force meeting on 11/12/24.
		+ PI will be presenting their findings from the research project.
		+ WisDOT will decide on recommendations from the findings presented.
	* Backfill Specs – New Task Force
		+ Potential members: Jack Peterson, Mark Sander, Tirupan Mandal, Adam Albers, SE region soils specialist, Dave Staab, a member from BOS, Paul Mannetti
4. 2026 Spec Changes – T. Mandal (5 min)
	* 301 Aggregate Gradation
		1. Removing the requirement for the #200 sieve and referencing the AASHTO #67.
	* Small Quantity QC Testing
		1. Revised language regarding testing.
5. Small Quantity Stockpile Samples – BTS (10 min)
	* How can we adjust the spec to ensure all stockpiles are controlled?
	* Conduct QMP test per each placement. Draft CMM language.
	* The committee revised the proposed CMM language.
	* **Action Item:** Send the proposed CMM language to the MUG for review prior to sending to Agg Tech.
6. Slope Paving Aggregate Testing – A. Albers (15 min)
	* What is the required testing for 604.0500 Slope Paving Crushed Aggregate?
	* SS 604.2 (3) …conforming to coarse concrete aggregate size No.2…at least 75 percent…at least one fractured face.
	* CMM 850 doesn’t specify sampling and testing frequency for fracture faces.
	* Potential language for the CMM, “Submit a certified record of test for gradation and fractured particles before placement.”
	* **Action Item:** Send the proposed CMM language to the MUG for review prior to sending to Agg Tech.
7. Update/Redefine Material Categories – All (20 min)
	* Form a task force to present a proposal to the subcommittee.
	* Potential members: Mike Kleist, JR Ramthun, Matt Grove, Chad Hayes, Tirupan Mandal, Adam Albers, Josh Seaman, Jamie Cynor, Jeff Peterson
8. Placing Virgin Aggregate on Top of RAP – T. Mandal (5 min)
	* A project or set of projects with virgin on top of compacted RAP where the virgin slid on top of the RAP. This triggered spec changes to not allow virgin over RAP.
	* **Action Item:** D. Reid to talk with Russ Frank, Bob Arndorfer, Erik Gwidt, Tom Bucholz, and Ken Hanzel to get some history on past projects (USH 41 and schuering rd may have been one of the projects).
	* **Action Item:** JR Ramthun to send BTS a list of jobs where scarifying was used.
9. Recycled Concrete F/T Timeline Update – A. Albers (10 min)
	* Westwood/WisDOT study is planned to be completed by the end of February and we can report back to the committee with the results of that. The timeline can be adjusted depending on the results of the study.
	* We will assess how much data we’ve gathered and determine if it’s enough to make a decision, or if we need more.
10. State-wide F/T testing – All (10 min)
	* **Action Item:** E. Longmire to send BTS an update from the APW committee meeting.
11. Aggregate Round Robin – A. Albers (10 min)
	* Sampling is taking place on 11/7/24, then the kickoff email will be sent to the aggregate quality labs with instructions.
	* Lab qualification implications with the round robin will be discussed internally and then communicated to the committee.
12. Next Meeting
	* Full Committee Meeting

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| February 19, 2025 | 9:00 am to 12:00 pm |
| June 11, 2025 | 9:00 am to 12:00 pm |
| October 15, 2025 | 9:00 am to 12:00 pm |

* + Subcommittee Meeting
		- 02/12/2025, in-person, 8-10AM