

Wisconsin Department of Transportation

Date: February 12, 2025

Subject: Meeting Minutes for Aggregate Subcommittee Meeting

Location: MS Teams Meeting

Time: 8:00 AM to 10:00 AM

Attendees:

WisDOT Members:

- ☐ Barry Paye – BTS Director
- ☒ Erik Lyngdal – BTS Chief Materials Engineer
- ☒ Tirupan Mandal – BTS Concrete Materials Unit Supervisor
- ☒ Adam Albers – BTS Lab and Aggregate Engineer
- ☒ Dan Reid – BTS Geologist
- ☒ Jeffrey Bruesewitz – BTS Geologist
- ☒ Josh Seaman – BTS Aggregate Specialist
- ☒ Mark Kray – BTS Soils and Aggregate Specialist
- ☒ Carson Walch – BTS Lab and Field Specialist
- ☒ 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:

- ☒ JR Ramthun – Michels Corporation
- ☒ Mark Sander – MTE Services, Inc
- ☒ Matt Grove – Wisconsin Transportation Builders Association
- ☒ Erin Longmire – Erin Longmire Consulting, LLC
- ☐ Brian Wipf – James Peterson Sons, Inc
- ☒ Dustin Tourdot – Yahara Materials
- ☐ Kevin Stuart – Yahara Materials

Agenda Items:

1. Welcome – T. Mandal (5 min)

- Incomings:
 - Jeffrey Bruesewitz – BTS Geologist
 - Brian Wipf – James Peterson Sons, Inc
 - Dustin Tourdot – Yahara Materials
 - Kevin Stuart – Yahara Materials
- Outgoings:
 - Mike Kleist – James Peterson Sons, Inc
 - Jack Peterson – Yahara Materials

2. MOTP Updates – A. Albers (5 min)

- Changes due: August 1

3. Task Force Updates – T. Mandal/ D. Reid (10 min)

- ASR Testing
 - ASR testing is complete on 46 quarries. A few tests have failed and BTS will verify these failures. Once the testing is complete the task force will resume to consider the results.
 - Instead of identifying testing based on geologic properties, we will specify which counties will require ASR testing as part of source approval.
 - The task force will determine testing frequency and how this will fold into the source approval program.
- MSE Wall Backfill
 - Study is expected to finish in 2025. The complete report will be discussed with the task force and aggregate technical team.
 - Jeff B. will lead the task force.

4. Spec Changes – T. Mandal (20 min)

- There will not be a standard specification book published in 2026, all specification changes will be made through an ASP-6.
- SS 310: Aggregate Gradation
- SS 701: Material Placement Notification
 - Material sometimes changes day to day, or multiple times during the day to meet project needs. Industry is concerned about not being able to communicate material changes to project staff in a timely manner. Industry is concerned about production stoppages due to failure to notify project staff of material changes.
 - Missed department tests due to material changes without notice risks federal funding on those projects. FHWA conducts QA audits identifying missed tests. As of right now, there has not been an FHWA QA audit for base aggregate.
- SS 730: Small Quantity QC Testing
 - Minor change made to the phrasing because of a suggestion made by the committee.

- CMM 834: Aggregate Sampling
5. Priorities – T. Mandal (20 min)
- Update/Redefine Material Categories
 - Recycled Concrete F/T
 - Placing Virgin Aggregate on Top of 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).
 - Notes from Russ and Bob: reiterated the permeability and sliding issue between the layers.
 - **Action Item:** JR Ramthun to send BTS a list of jobs where scarifying was used.
 - Backfill Spec Revisions
6. State-wide F/T testing – All (10 min)
- WisDOT presented the state-wide FT policy change to the APW board.
 - Aggregate suppliers and labs will be notified through a memo, so they have enough notice to prepare.
 - **Action Item:** Draft a memo for notice of this by the next meeting.
 - MTE and Yahara have recent experiences purchasing Thermotron chambers. Lead time can be over a year for delivery.
7. Aggregate Round Robin – A. Albers (5 min)
- Currently underway. No updates to report.
8. Lucky Strike
- WisDOT learned from the Ready-Mix Association that combined aggregate gradations for concrete mix designs are difficult to produce than the optimized gradation.
 - i. Optimized gradation can be more flexibility with the sand.
 - ii. The committee will investigate this issue further.
9. Next Meeting
- Full Committee Meeting

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
 - May 21st, 9:00AM