

Wisconsin Department of Transportation

Date: May 08, 2024

Subject: Agenda for Aggregate Subcommittee Meeting

Location: Galena Conference Room, Truax and Teams

Time: 9:00 AM to 11:30 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
- ☒ Josh Seaman – BTS Aggregate Specialist
- ☒ Mark Kray – BTS Soils and Aggregate Specialist
- ☒ Joe Jeruc – BTS Lab 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:

- ☒ Jack Peterson – Yahara Materials
- ☒ JR Ramthun – Michels Corporation
- ☒ Mark Sander – MTE Services, Inc
- ☐ 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)
2. MOTP – A. Albers (10 min)
 - Sieve calibration procedure
3. Task force updates – T. Mandal/ D. Reid (10 min)

- ASR Testing
 - 47 samples collected and crushed.
 - 8/9 samples tested have failed so far. Some failing in the first 3 days.
 - Look into having another lab test a split to confirm the results.
 - Acquire the FAA/BOA data. Lucas Ward can help us with this.
 - MSE Wall Backfill
 - Meeting in mid summer.
 - Results from deconstruction of MSE wall in MKE will be available.
 1. Prelim results – corroded straps. Deeper in to the wall the straps are in better condition, indicating surface water infiltration.
 2. Geocomp is the contracted lab performing the testing.
4. Aggregate Spec Re-org – A. Albers (20 min)
 - Aggregate source approval process document was presented.
 5. Update/Redefine Material Categories – All (20 min)
 - Look into removing the blended material spec and adjust the other definitions to capture everything
 - Allow materials from the jobsite in the reprocessed category
 - Consider getting rid of blended and having classes/grades of reprocessed
 - Consider testing the final blend and not the component parts.
 - Consider issue with rejecting materials after the bid when those are relied upon.
 6. 310 Open Graded Base Gradation – T. Mandal (5 min)
 - Reminder of the aashto 67 gradation in asp6.
 7. Aggregate Round Robin Update – A. Albers (10 min)
 - Splitting procedure
 - Retesting only if you're a repeat offender
 - August 1 to September 30, complete by Oct 31.
 8. Recycled Concrete Freeze/thaw Update – A. Albers (5 min)
 9. State-wide F/T testing – D. Reid/ T. Mandal/ E. Lyngdal (15 min)
 - APW will check in with their membership about which labs would be impacted by removing the SS test.
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 10. Exclusion of quartzite aggregates from concrete pavement – M. Sander (15 min)
 - Issues concerning CTE and ASR brought on my quartzite mineralogy.
 - Exclusion is for pavement HPC only.

- There is concern over the lack of supporting documentation to explain the agency's conservative approach.
- Should mitigation steps be able to allow the use of it. Similar to ASR.
- Concerns over the spread of this approach to non HPC projects. APW will bring this up to the Chief.

11. E-Ticketing Update – E. Lyngdal (10 min)

- Only for PCC and HMA bid items this year. It is optional and encouraged for aggregate.
- Documentation is still in the draft form.
- APW would like a list of other states that have implemented e-ticketing and real time data uploads.
- 2023 EDC from FHWA recommending e-ticketing, not a mandate.
- Not all trucking firms will allow GPS tracking.
- Wi-Fi, cell and electricity issues in rural, and even urban adjacent sources.

12. Stockpile acceptance sampling – M. Sander (15 min)

- 2 projects sharing a stockpile, sampled twice in the span on 3 days. When explained to the consultant engineer, they disregarded the spec and demanded the sample anyway.
- This issue needs to be brought to BPD to address with the consultant contract.

13. Use of virgin aggregates on top of RAP – JR Ramthun (5 min)

- No updates at this time.

14. Next Meeting

- Full Committee Meeting
 - May 20, 2024: 1 PM to 4 PM
- Subcommittee Meeting
 - August 14th, 2024: 9AM – 11:30AM