

Wisconsin Department of Transportation

Date: September 21st, 2022

Subject: Agenda for Aggregate Technical Committee Meeting

Location: Teams Meeting

Time: 8:00 AM to 10:00 AM

Attendees:

WisDOT Members:

- | | |
|-------------------------------------|---|
| <input type="checkbox"/> | Barry Paye – BTS Director |
| <input checked="" type="checkbox"/> | Erik Lyngdal – BTS Chief Materials Engineer |
| <input type="checkbox"/> | James Parry – BTS Quality Assurance Supervisor |
| <input checked="" type="checkbox"/> | Tirupan Mandal – BTS Concrete Materials Lab Supervisor |
| <input checked="" type="checkbox"/> | Adam Albers – BTS Materials Lab Coordinator |
| <input type="checkbox"/> | Leslie Hidde – BTS Concrete Quality Assurance Engineer |
| <input checked="" type="checkbox"/> | Dan Reid – BTS Hydrogeologist |
| <input type="checkbox"/> | Adam Johnson – BTS IA Program Coordinator |
| <input checked="" type="checkbox"/> | Mark Finnell – BTS Concrete Engineer Consultant (Behnke Materials) |
| <input checked="" type="checkbox"/> | Josh Seaman – BTS Aggregate Specialist |
| <input type="checkbox"/> | Craig Smits – NCR TSS Chief |
| <input checked="" type="checkbox"/> | Rebecca Rooyakkers – NER TSS Supervisor |
| <input checked="" type="checkbox"/> | Andrew Zimmer – SER TSS Supervisor |
| <input checked="" type="checkbox"/> | Greg Brecka – SWR PDS Project Manager |
| <input checked="" type="checkbox"/> | Jaime Cynor – NER Concrete & Aggregate IA/QMP Coordinator |
| <input checked="" type="checkbox"/> | Orville King – NWR Materials Engineer |
| <input type="checkbox"/> | Wayne Chase – BPD Local Program and Construction Project Oversight Unit |

FHWA Members:

- | | |
|-------------------------------------|---|
| <input checked="" type="checkbox"/> | James Pforr – FHWA Pavement & Materials/Asset Management Engineer |
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Industry Members:

- | | |
|-------------------------------------|--|
| <input checked="" type="checkbox"/> | Jack Peterson – Yahara Materials |
| <input checked="" type="checkbox"/> | JR Ramthun – Michels Corporation |
| <input checked="" type="checkbox"/> | Mark Sander – MTE Services, Inc |
| <input type="checkbox"/> | Paul Mathe – MCC, Inc |
| <input checked="" type="checkbox"/> | Matt Grove – Wisconsin Transportation Builders Association |
| <input checked="" type="checkbox"/> | Mike Kleist – James Peterson Sons, Inc |
| <input type="checkbox"/> | Erin Longmire – Erin Longmire Consulting, LLC |
| <input type="checkbox"/> | Jeremy Barron – Walbec Group |
| <input type="checkbox"/> | Bruce Brown – USGS subject matter expert |
| <input type="checkbox"/> | David Hose – MTE Services, Inc |

<input checked="" type="checkbox"/>	Erik Olson – MTE Services, Inc
<input checked="" type="checkbox"/>	Neal Atanasoff – Walbec Group
<input type="checkbox"/>	Paul Eggen – Westwood
<input type="checkbox"/>	Jason Weiker – Milestone Materials
<input type="checkbox"/>	Deb Schwerman – Wisconsin Asphalt Pavement Association
<input type="checkbox"/>	Kevin McMullen – Wisconsin Concrete Pavement Association
<input type="checkbox"/>	Jackie Spoor – Wisconsin Concrete Pavement Association
<input checked="" type="checkbox"/>	Paul Minneti – Lannon Stone Products
<input checked="" type="checkbox"/>	Steve Bloedow – Rock Road Companies, Inc.
<input type="checkbox"/>	Tod Pauly – Aggrecon Ltd
<input checked="" type="checkbox"/>	Travis Kurey – MCC, Inc

Agenda Items:

1. Welcome and Introductions (Erik Lyngdal, **10 mins**)
2. QMP Base Compaction FDM Edits (Erik Lyngdal, **10 mins**)
 - a. Explanation and background of the I-43 segment of project 1229-04-74.
Applying the compaction spec from FDM 5.2.1 is unnecessary for frontage and side roads, and will be applied only to mainline HMA pavements.
 - b. New FDM 5.2.1 language, “This standard special provision shall be used for mainline HMA pavements and not for frontage and side roads.”
3. Recycled Concrete (Adam Albers, **20 mins**)
 - a. Presented current data of within project limit recycled concrete. Limited amount of data at this time, but preliminary analysis shows no clear trends and massive spread in test results.
 - b. Projects that had high loss material will be monitored for long term performance.
 - c. Efforts to collect more data will continue.
4. Optimized Gradation (Mark Finnell, **25 mins**)

- a. Explanation of optimized aggregate gradation (OAG) and its potential effect on the aggregate industry. Explanation of WisDOT specifications that have changed in 2022 with the implementation of OAG.
 - b. OAG should lead to finer aggregates used in the mix, increasing the demand for fine aggregates from producers.
5. Increasing Demand of Finer Gradation (Erik Lyngdal, **15 mins**)
- a. Along with AOG implementation, trends indicate increased use of finer aggregates. This will contribute to more wear on producer's equipment, and more waste fines created.
 - b. At the moment there aren't many channels for producers to use the waste fines.
6. Agg Quality Round Robin (Adam Albers, **5 mins**)
- a. Samples are being assembled and the round robin is on schedule for this fall.
7. Spec Re-org (Adam Albers, **15 mins**)
- a. Presentation of the current draft of the outline for the reorganized chapter
 - 7. General discussion about the theory and concept of the spec re-org.
8. Tech Team Charter Update (Erik Lyngdal, **15 mins**)
- a. Updates to team members and team goals for the next calendar year.
9. Others
- a. Next meeting will be in December. A formal invite will be sent.