

## Wisconsin Department of Transportation

**Date:** March 22, 2023

**Subject:** Agenda for Aggregate Technical Committee Meeting

**Location:** State Patrol Conference Room, Truax and Teams Meeting

**Time:** 9:00 AM to 11:30 AM

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**Attendees:**

**WisDOT Members:**

- Barry Paye – BTS Director
- Erik Lyngdal – BTS Chief Materials Engineer
- Tirupan Mandal – BTS Concrete Materials Supervisor
- Adam Albers – BTS Materials Lab Coordinator
- Dan Reid – BTS Geologist
- Josh Seaman – BTS Aggregate Specialist
- Mark Kray – BTS Soils and Aggregate Specialist
- Vacant** – BTS Concrete Quality Assurance Engineer
- Adam Johnson – BTS IA Program Coordinator
- Craig Smits – NCR TSS Chief
- Rebecca Rooyakkers – NER TSS Supervisor
- Andrew Zimmer – SER TSS Supervisor
- Greg Brecka – SWR PDS Project Manager
- Jaime Cynor – NER Concrete & Aggregate IA/QMP Coordinator
- Orville King – NWR Materials 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
- Paul Mathe – MCC, Inc (No longer with MCC)
- Matt Grove – Wisconsin Transportation Builders Association
- Mike Kleist – James Peterson Sons, Inc
- Erin Longmire – Erin Longmire Consulting, LLC
- Jeremy Barron – Walbec Group
- Bruce Brown – USGS subject matter expert

- David Hose – MTE Services, Inc
- Erik Olson – MTE Services, Inc
- Neal Atanasoff – Walbec Group
- Paul Eggen – Westwood
- Jason Weiker – Milestone Materials
- Deb Schwerman – Wisconsin Asphalt Pavement Association
- Kevin McMullen – Wisconsin Concrete Pavement Association
- Leslie Hidde – Wisconsin Concrete Pavement Association
- Paul Minneti – Lannon Stone Products
- Steve Bloedow – Rock Road Companies, Inc.
- Tod Pauly – Aggrecon Ltd
- Travis Kurey – MCC, Inc

**Agenda Items:**

1. Welcome (**Mandal**)
  - WCPA – Leslie Hidde replacing Jackie Spoor for Agg Tech
2. Lucky Strike Extras? (**All**)
3. Task Force Updates:
  - ASR Testing (**Mandal**)
    - i. Draft changes made to 501 for ASR. Counties will be used instead of geologic descriptions for testing (ASTM C1260) requirement.
    - ii. Baseline testing in 2023 and then submit spec changes for the 2025 spec.
  - MSE Wall Backfill (**Reid**)
    - i. Geotech TOC has selected a researcher. MSE wall in MKE co will be inspected for a number of properties, primarily corrosion.
  - Spec Re-org (**Albers**)
4. Aggregate Round Robin (**Albers/Mandal**)
  - Round robin results were presented.
  - 2024 agg quality round robin will use full size quality samples to be processed by participating labs.
5. Virgin aggregate on top of RAP (**All**)
  - No updates.
6. Small Quantity Testing (**Minneti**)

- Spec is unclear if these production or stockpile tests should be taken randomly or not. (730.3.4.1).
- Difficult to produce a random number that captures a representative sample of a small quantity is likely the logic behind the current spec language.
- ACTION: Tirupan will look into this and report back to the tech team.

#### 7. Aggregate Certification Process (**McMullen**)

- Recycled agg specifically.
- Significant variability in test results with the current spec can lead to more disqualified material. Looking for suggestions on how to improve the rcc acceptance program.
- Need more data (inside/outside project limits) to analyze and potentially revisit the current reference spec.
- ACTION: This issue will be moved to the subcommittee.

#### 8. Minimum on-site stockpile quantity for taking a sample (**Hide**)

- Difficult to obtain a representative sample from a smaller stockpile at the point of placement. The material has been manipulated during transport from the production facility.
  - Concrete with mobile mixer
  - Any backfill material
- ACTION: Move to subcommittee for more discussion.
  - Sampling at the source is a possible solution.

#### 9. Resource Reallocation (**Lyngdal**)

- Concrete topics managed by Jim Parry will shift to Tirupan upon Jim's retirement.

#### 10. Next meeting

- Placeholder: 7/19/2023