

## Wisconsin Department of Transportation

**Date:** March 09, 2022

**Subject:** Agenda for Aggregate Subcommittee Meeting

**Location:** Galena Conference Room, Truax and Teams Meeting

**Time:** 8:30 AM to 9:30 AM

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### Attendees:

#### WisDOT Members:

- Barry Paye – BTS Director
- Erik Lyngdal – BTS Chief Materials Engineer
- Tirupan Mandal – BTS Concrete Materials Lab Supervisor
- Adam Albers – BTS Materials Lab Coordinator
- Dan Reid – BTS Geologist
- Josh Seaman – BTS Aggregate Specialist
- Mark Kray – BTS Soils and Aggregate Specialist

#### 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
- Matt Grove – Wisconsin Transportation Builders Association
- Mike Kleist – James Peterson Sons, Inc
- Erin Longmire – Erin Longmire Consulting, LLC

### Agenda Items:

1. Welcome (**Mandal**)
2. Task Force Updates:
  - ASR Testing (**Mandal**)
    - *DOT central lab to test ~33 quarries for ASR per ASTM 1260 this year.*
    - *Draft spec language for ASR testing presented to the committee.*
    - *Spec language replaces the type of aggregates by eight counties.*

- MSE Wall Backfill (**Reid**)
    - *James Pforr, Dave Staab, and James Lubke were added to the task force.*
    - *The WHRP project on the MSE wall will start this year.*
    - *The task force will have the first meeting in the next couple of weeks.*
    - *The impact of corrosion resistance on the strap needs to be investigated. pH plays into what you use.*
    - *Look at FDM guidance for MSE wall.*
  - Spec Re-org (**Albers**)
    - *AASHTOWare materials group shadowing a project this year as a first trial.*
3. E-ticketing and proposed spec language for 2024 (**Longmire**)
    - *Pilot programs last year related to e-ticketing for concrete and asphalt pavements.*
    - *A meeting was held last Monday for proposed spec language regarding e-ticketing. Per that meeting, e-ticketing will be used by 2026.*
    - *Concerns with electricity at some sites. Cellular and internet data availability is a major issue too.*
    - *Suggest DOT put a document for reasons to put e-ticketing.*
  4. Aggregate Round Robin (**Albers/Mandal**)
    - *23 labs participated in the round robin. Initial results were shown to the group.*
    - *Sample preparation has a large effect on the data.*
    - *2024 round robin samples will be complete quality samples that will need to be fully processed by the lab conducting the tests.*
    - *43% of labs are using a programmable freezer for freeze-thaw soundness tests. Tests done with chest freezers had a higher loss.*
    - *Sodium sulfate loss results had a high coefficient of variation: 52%-62% between the sieve sizes.*
  5. Virgin aggregate on top of RAP (**All**)
    - *DOT is still working on this topic. No update since the last meeting.*
  6. Lucky Strike Extras?
  7. Next meeting:
    - Full committee: **March 22, 2023 (In-person/Hybrid)**
    - Subcommittee meeting?
      - *June 21st: 8:00 AM to 12:00 PM*