

Wisconsin Department of Transportation

Date: May 20, 2026

Subject: Meeting Minutes for Aggregate Subcommittee Meeting

Location: MS Teams Meeting and Galena Conference Room, Truax

Time: 9:00 AM to 10:55 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
- 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 Construction Oversight Engineer

FHWA Members:

- Michelle Gehrke – Transportation Engineer

Industry Members:

- JR Ramthun – Michels Corporation
- Mark Sander – MTE Services, Inc
- Erik Olson – MTE Services, Inc
- Matt Grove – Wisconsin Transportation Builders Association
- Erin Longmire – Aggregate Producers of Wisconsin
- Brian Wipf – James Peterson Sons, Inc
- Jack Peterson – Walbec Group
- Dustin Tourdot – Yahara Materials
- Kevin Stuart – Yahara Materials

Agenda Items:

1. Welcome – T. Mandal (5 min)
2. MOTP Updates – A. Albers (5 min)
 - Reminder to the committee that the deadline to submit test procedure revisions is **August 1st**.
 - Upcoming changes:
 - WTM R90 – Removing the leftover language from the removal of the horizontal stockpile face method (section 5.8.2.1)
 - WTM T27 – Coarse aggregate minimum weight table in section 6.4 and sampling and drying temperature in section 7.1
 - WTM T103 – Reorganize the table for weighted multipliers in section 9.1.3
 - New language for a test method to sample thin polymer overlays aggregates is being drafted. Will be used in two projects – one in NE region and one in NW region.
3. Task Force Updates – T. Mandal/ J. Bruesewitz (10 min)
 - ASR Testing
 - No updates since the last subcommittee meeting.
 - Once testing is complete (tentative by the end of 2026), the task force will meet to discuss the findings.
 - MSE Wall Backfill
 - No updates since last subcommittee meeting.
 - Internal task force meeting scheduled for June 4, 2026.
4. Priorities – A. Albers/ T. Mandal (20 min)
 - Update/Redefine Material Categories
 - Related issue: Deleterious phyllite sources and spec limits and a method to control its use.
 - M. Sander and E. Olson provided an update on the phyllite study on base aggregate.
 - **Action Item:** BTS will review the study and the proposed 10% by weight limit and draft language for incorporating a deleterious/phyllite specification limit.
 - **Past Action Item:** Review the draft language by February 28, 2026 and send any comments you have to A. Albers and T. Mandal. Based on the comments, separate meetings may be scheduled to have a draft to review at the next subcommittee meeting.
 - Committee supports removing the blended material and incorporated a specification for salvaged aggregate.
 - For the salvaged aggregate, including a specification language that limits testing to certain counties may be considered or including a language to omit testing if historical source approval data indicates a quality source.

- **Action Item:** BTS will provide an update in the next subcommittee meeting.
 - Recycled Concrete F/T
 - Recent data of recycled concrete was presented.
 - Based on the data, subcommittee discussed increasing the freeze-thaw specification limit for recycled concrete to 50%.
 - **Action Item:** BTS will consider this discussion and plan/draft for updating the specification.
 - Placing Virgin Aggregate on Top of RAP
 - Backfill Spec Revisions – M. Sander
 - Per the current spec, ¾ base is an approved substitute for granular/foundation backfill around pipes.
 - Discuss allowing ¾ base as an acceptable substitute for granular backfill in any circumstance.
5. Quality Testing on Processed Salvaged Concrete – B. Wipf (15 min)
- Spec 301.2.4.5 (2)
 - **Past Action Item:** Review the above CMM guidance by the next subcommittee meeting.
 - Proposed CMM Guidance in 834.1.1:

“There are no testing requirements for LA wear and freeze/thaw on crushed concrete and reprocessed material taken from within the project limits (i.e., spatial constraints within which a contractor is permitted to work for that specific project). When the chain of custody of the material is determined to be broken, testing requirements per 301.2.4.5 shall apply. For example, when the material is removed from within the project limits to a nearby site for processing and this material is intended to be used for the same project it was taken from, the engineer shall direct the contractor to test the material per 301.2.4.5.”

 - Based on the discussion on the proposed language, members proposed to remove the ‘example’ portion from this draft.
 - Examples of how chain of custody can be broken can be included in the draft to help guide engineers for when to consider something is outside project limits.
 - Guidance on how offsite operations should be communicated to the project staff will be included as well.
 - To accommodate local projects, using “WisDOT projects” style of language should be avoided. Instead, using state highways, county route, etc. should be used.
 - **Action Item:** An updated draft will be produced and sent out to the subcommittee for review.
6. SS 730 Bid Item Contract Price – E. Lyngdal (10 min)
- Proposal to change language in standard specification 730.5(2). Replace the bid item unit price with an average bid item price.

- **Action Item:** BTS will present the language draft in the next subcommittee meeting.
7. Re-sampling Reprocessed Agg Samples for Quality – A. Albers (10 min)
 - What corrective actions are possible?
 - Screening methods can be changed
 - Different mixes of material can be added
 - The pile can be re-mixed
 - The central office’s aggregate lab will review corrective actions submitted with requests for second and third re-sample very thoroughly.
 8. Breaker Run vs. Select Crushed – T. Mandal (10 min)
 - Bid item price and material availability are the main differences between these two materials.
 - The gradation for breaker run material is very rarely tested.
 9. Next Meeting
 - Full Committee Meeting

2026	
June 10, 2026	9:00 am to 12:00 pm
October 14, 2026	9:00 am to 12:00 pm

- Subcommittee Meeting
 - Next Meeting July 30, 2026 at 9 AM.