

Wisconsin Department of Transportation

Date: September 17, 2025

Subject: Meeting Minutes for Aggregate Subcommittee Meeting

Location: MS Teams Meeting and ASL Conference Room, Truax

Time: 9:00 AM to 11:00 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 Local Program and Construction Project Oversight Unit

FHWA Members:

- ☐ Nick Perna – Acting Deputy Division Administrator
- ☒ Michelle Gehrke

Industry Members:

- ☒ JR Ramthun – Michels Corporation
- ☒ Mark Sander – MTE Services, Inc
- ☐ Erik Olson – MTE Services, Inc
- ☒ Matt Grove – Wisconsin Transportation Builders Association
- ☒ Erin Longmire – Erin Longmire Consulting, LLC
- ☒ 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)
 - [Newer version of MOTP is online:
https://wisconsin.gov/Documents/doing-bus/eng-consultants/cnslt-rsrcs/tools/qmp/motp.pdf](https://wisconsin.gov/Documents/doing-bus/eng-consultants/cnslt-rsrcs/tools/qmp/motp.pdf)
3. Task Force Updates – T. Mandal/ J. Bruesewitz (10 min)
 - ASR Testing
 - Testing on the quarry sources are complete.
 - Collecting pit samples and will test them in 2026.
 - MSE Wall Backfill
 - WHRP study is complete.
 - Task force will meet in November/December 2025 to discuss the findings.
4. Priorities – T. Mandal/ A. Albers (10 min)
 - Update/Redefine Material Categories
 - No updates for this meeting. BTS will have a draft to discuss in the next meeting.
 - Recycled Concrete F/T
 - 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. Slope Paving Aggregate Testing – A. Albers (15 min)
 - SS 604.2 (3): conforming to coarse concrete aggregate size No.2, at least 75 percent, at least one fractured face. CMM 850 doesn't specify sampling and testing frequency for fractured faces.
 - A single production test record with gradation and fracture is all that is required. The #200 spec limit of 1.5 may be removed if data analysis of past project data supports the adjustment.
 - J. Cynor provided some information regarding slope paving projects from the NER.

- In all cases, no testing was performed and material was accepted because it was from a source on the APL.

Bid Tab Analysis Search

Item: 604.0500	From: 11/01/2019	Date Range: 08/01/2019 - 08/01/2025
Description: <input checked="" type="checkbox"/> Smart Item Search	Quantity Range: <input type="text"/>	
Proposal Items: <input type="text"/>	Price Range: <input type="text"/>	
County: Brown, Calumet, Door, Fond du Lac, Kewaunee, Manitowish, Marinette, Oconto, Outagamie, Sheboygan, Winnebago		
Unit: <input type="text"/>		
Low Bidders: <input type="text"/>		

Item	Description	Average	High	Low	Unit	Bid Count
604.0500	Slope Paving Crushed Aggregate	\$38.56	\$75.00	\$22.50	SY	16 Bids

Letting Date	Proposal	County	Proposal Average	Proposal High	Proposal Low	Quantity	Proposal Bid Count
04/13/2021	011 - 20210413001	Outagamie	\$28.50	\$31.50	\$27.50	1,160,000.00 SY	4 Bids
03/09/2021	011 - 20210309011	Fond Du Lac	\$50.00	\$50.00	\$50.00	21,000,000 SY	3 Bids
	012 - 20210309012	Marinette	\$59.50	\$75.00	\$44.00	12,000,000 SY	2 Bids
09/15/2020	011 - 20200915011	Brown	\$37.80	\$42.00	\$35.00	678,000.00 SY	5 Bids
03/10/2020	018 - 20200310018	Fond Du Lac	\$22.50	\$22.50	\$22.50	855,000.00 SY	2 Bids
		Total Quantity:	2,726,000.00 SY				

- **Action Item:** M. Grove will investigate past slope paving projects from a contractor perspective to report their testing information and practices. BTS will ask the materials engineers on the department side.

6. Reclaimed Asphalt in Dense Base – A. Albers (10 min)

- Spec 305.2.2.2
 - The contractor may use reclaimed asphalt with 100 percent passing a 1 1/4-inch sieve as 1 1/4-inch base. The engineer will assess gradation primarily by visual inspection but may test questionable material.
 - Regional materials engineers have reported overly fine material.
 - Committee states that the product is suitable the way it is and shouldn't be changed.
 - **Action Item:** BTS will ask internally what impact overly fine reclaimed asphalt has on the performance of the intended use and learn more about the frequency of seeing the issue.

7. Quality Testing on Processed Salvaged Concrete – B. Wipf (10 min)

- Spec 301.2.4.5 (2)
 - Communication and documentation with project staff (PMs, PLs, MEs) to have some assurance that the chain of custody is intact for the piles.
 - Job clustering: industry term used to define when multiple project limit sources can be stockpiled into a single location.
 - **Action Item:** BTS will investigate CMM guidance about how/when to communicate chain of custody information and logistical coordination with project staff.

8. Aggregate Round Robin – A. Albers (10 min)

- Round robin samples have been acquired and WisDOT will send invitation to participate emails to qualified labs in October.

- 2025/2026 aggregate quality round robin samples will be available for pickup in Green Bay, Eau Claire, and Madison.

9. State-wide F/T testing – A. Albers (5 min)

- Memo drafted and shared with Agg Tech Committee.

10. Next Meeting

- Full Committee Meeting

October 15, 2025	9:00 am to 12:00 pm
------------------	---------------------

- Subcommittee Meeting

- Next Meeting: February 4th, 2025