



# August 14, 2025

## Meeting Minutes – Concrete Technical Committee

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**Location:** MS Teams and State Patrol Conference Room, Truax Office, Madison  
**Date:** August 14, 2025  
**Time:** 9:00 AM to 12:00 PM

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### Attendance

#### *Bureau of Technical Services (BTS):*

- ☐ Barry Paye – Director
- ☒ Erik Lyngdal – Chief Materials and Pavements Engineer
- ☒ Tirupan Mandal – Concrete Materials Unit Supervisor
- ☐ Peter Kemp – Pavement Unit Supervisor
- ☒ Aleksandra Graff – Concrete Engineer
- ☒ Adam Albers – Concrete Materials Lab Engineer
- ☒ Adam Johnson – Independent Assurance Program Coordinator
- ☒ Jeff Bruesewitz – Geologist

#### *Bureau of Project Development (BPD):*

- ☐ Mark Zander – Construction Standards Engineer
- ☒ Craig Pringle – Construction Oversight Engineer

#### *Bureau of Structures (BOS):*

- ☐ Aaron Bonk – Chief Structures Design Engineer

#### *Bureau of Aeronautics (BOA):*

- ☒ Lucas Ward – Chief Airport Construction Standards

#### *Regional Representatives:*

- ☐ *Vacant* – NE Region TSS Chief – Management Liaison
- ☐ Travis Mikshowsky – SW TSS Supervisor – TSS Liaison
- ☒ Matt Smith – SW Region Independent Assurance
- ☒ Bryton Meyer – SW Region Soils and Materials Engineer
- ☒ Nicole Roberts – SE Region Materials Engineer
- ☐ Eric D Hanson – SE Freeways Project Manager
- ☒ Brent Ferguson – NC Region Independent Assurance
- ☐ Devin Harings – NW Region Pavement Engineer
- ☒ Matt Bertucci – NE Region Pavement Engineer

#### ***FHWA Members –***

- ☐ Nick Perna – Acting Deputy Division Administrator



**Industry Members –**

- ☒ Sam Martinez – American Council of Engineering Companies Liaison
- ☐ Connor McMahon – A.W. Oakes
- ☐ Jason Andrews – A.W. Oakes
- ☐ Brian Luchene – BARD Materials
- ☐ Signe Reichelt – Behnke Materials
- ☒ Paul Mathe – Carew Concrete
- ☒ Barry Bohman – Chippewa Concrete Services
- ☐ David Meyer – Continental Cement Company
- ☐ ~~Nicholas Bowers – Continental Cement Company~~
- ☒ Dave Stanke – Kraemer North America
- ☐ Brian Borowski – Lafarge/Holcim
- ☐ Mark LaLonde – LaLonde Contractors
- ☐ Brad Diener – Lunda Construction
- ☐ John McConahy – Mapei
- ☒ Tim Hendrickson – MCC Inc
- ☐ Travis Kurey – MCC Inc
- ☒ Scott Grams – Michels Road & Stone
- ☐ Tom Ptaschinski – Ptaschinski Construction Company
- ☒ Andrea Breen – Schmitz Ready Mix
- ☐ Anna Romenesko – Sommers Construction
- ☒ James Palmer – St. Mary's Cement Company
- ☐ Benny Walker – Todds Redi-Mix Concrete
- ☐ Kevin Newmier – Trierweiler Construction Company
- ☒ Heath Schopf – Vinton Construction Company
- ☒ Jackie Spoor – Wisconsin Concrete Pavement Association
- ☒ Leslie Ashauer – Wisconsin Concrete Pavement Association
- ☒ Cherish Schwenn – Wisconsin Ready Mixed Concrete Association
- ☒ Matt Grove – Wisconsin Transportation Builders Association
- ☒ Jeff Zignego – Zignego Company

**Resource Members (as needed) –**

- ☐ Brian Boothby – BPD Construction Oversight and Automation Chief
- ☒ Laura Shadewald – BOS Structures Development Chief
- ☒ Myungook (MK) Kang – BTS Quality Assurance Supervisor
- ☒ Linette Rizo – BTS Quality Assurance and Sustainability Engineer
- ☐ Chad Hayes – BPD Construction Oversight Engineer
- ☐ Zach Dittberner – Michels Road & Stone
- ☐ Matt Trierweiler – Trierweiler Construction Company
- ☐ Tom Sand – Vinton Concrete Construction

**Guests –**

- ☐ Michael Dickey – BTS New Products Engineer
- ☒ Jhuma Saha – BTS Pavement Engineer
- ☒ Michelle Gehrke – FHWA
- ☒ Keena Spencer-Dobson – NE Region Materials Engineer



## Agenda Items

1. Welcome and Introductions – T. Mandal (5 min)

2. MOTP – A. Albers (10 min)

- Presented MOTP updates to procedures relevant to the CTC.
- Summary of updates:

Wisconsin Test Modified	Summary of Revision
T11	Clarified drying procedure.
T27	Clarified drying procedure.
T97	Specified reporting requirements.
T255	Clarified drying procedure.
T121	Section numbers were updated after new version.
T358	Updated section, note, and table labels from new version. Clarified curing procedure and reporting.
E3209	Added clarifying language to the calculations section.

- **Action Item:** Please review the MOTP changes sent by A. Albers on 08/13/2025 and provide any feedback by COB 08/22/2025.

3. WHRP Research Updates – T. Mandal/ A. Graff (15 min)

- Recently Completed Projects:
  - Final project reports and 2-page research brief for each project can be found in: <https://wisconsindot.gov/Pages/about-wisdot/research/rigid-pave.aspx>
  - Field Investigation of Dowel and Tie Bar Placement
    - Results align with current WisDOT specifications, and no follow-up required to revise specifications.
  - Timely and Uniform Application of Curing Materials
    - Results align with current WisDOT specifications, and no follow-up required to revise specifications.
  - Chemistry and Performance of Supplementary Cementitious Materials for Wisconsin Concrete Pavement
    - Recommendations provided from the research includes testing framework for blended SCMs and ASCMs. WisDOT intends to create a task force to review research and implement specification changes, if needed.
- Alternative Conditioning Method to Calculate Formation Factor for Wisconsin Concrete Pavement
  - Closeout presentation (COP) on 8/14/25, final report will be out in a few months.
- Proactive Prevention of Pavement Buckling
  - Research team is developing a model that can provide the probability of buckling based on key characteristics. COP on 09/04/25, final report will be out in a few months after the COP.
- Optimization of Dowel Bars in Concrete Pavements

- Currently in modeling phase. Lab and field testing to follow.
  - Research topics include testing different configurations and type of dowel bars.
  - Evaluation of Ride Quality and Tining/Finishing Practices for Concrete Pavements
    - Project started in August 2025.
  - Evaluating Water-Cementitious Material Ratio (w/cm) as Acceptance Parameter for Freshly Placed Concrete
    - Project will start in October 2025.
4. Task Force Updates – A. Graff (15 min)
- Fast Track
    - Task force has not met since last meeting. Task force has been split into three working groups to investigate HES/SHES and concrete mix designs.
    - WisDOT intends to meet in the fall to create a winter work plan.
  - Concrete Strength
    - Task force is investigating 56-day strength testing, correlating the 6"x12" and 4"x8" cylinders, and possible elimination of flexural strength.
  - Task Forces on Hold:
    - Curb Shear
    - Buckling Research
    - PEM Research
5. Spec Reorganization – E. Lyngdal (10 min)
- Specification reorganization and implementation of AASHTOWare materials program (AWP) in tandem. Pilot projects have been shared with the committee. One of them is intentionally selected for a concrete project. Projects will be awarded in November 2025.
  - The pilot specification will be posted on the HCCI webpage as early as possible, so stakeholders have time to familiarize themselves with it. Mandatory training for AASHTOWare Materials in winter of 2026/2026.
6. 715 SPV – T. Mandal (15 min)
- BTS will be creating two SPV's – one for structures and one for pavements. Barriers have been removed from the initial draft of the SPV.
  - Industry concerns on the SPV are being addressed. This SPV will be used in at least one project next year.
  - **Action Item:** WisDOT would like feedback on the following items by COB 08/22/2025:
    - Transitioning to one air content specification limits (for example, 5% to 8.5%) for pavements both slip-form and non-slipform.
    - Transitioning to one unit (square yards) for lots and sublots for pavements.



## 7. HTCP MDC Class – T. Mandal (5 min)

- Reminder to register for HTCP PCC MDC class next year as through the ASP-6, all concrete mix design reviewers and approvers are required to have this certification.
- Discussions on why fly ash and admixture mill certs are being asked to be submitted when there is an APL process in place. These certs were always required and are used to verify the data. WisDOT will review the specification and the APL for inconsistencies to address them in the future.

## 8. PCC Ride Subcommittee Meeting – M. Kang/ L. Rizos (10 min)

- Next ride committee meeting will be near the end of summer. CMM updates have been sent out for review by various committees.
- Question about whether data entry training can be provided. L. Rizos has said that HTCP has added this topic to the applicable course.

## 9. Centerline Joint Repair – P. Kemp/ J. Saha (15 min)

- Longitudinal joint repair SDD was presented. Saw cutting is required for removal of the distressed pavement, and the patch width will be determined through a table included in the SDD.
- Guidance regarding sawing beyond the limits of the intended repair, that is provided in 690.3.3, was requested to be inserted in the SDD.

## 10. Diamond Grinding – E. Lyngdal (10 min)

- 420.3.2.2: Question from a project related to this spec. They can provide diamond grinding equipment that will produce the same quality but has different physical measurements than what is in the specification. Technology and diamond grinding equipment may have improved beyond what this specification is requiring.
- **Action Item:** WCPA will check with IGGA about this topic and will return to the next meeting with an update.

## 11. 2026 Concrete Pavement Construction Inspection Training – BTS/ WCPA (5 min)

- January 8, 2026 – Waukesha
- January 22, 2026 – Wisconsin Rapids
- February 19, 2026 – LaCrosse
  - Discussed the dates for the inspection training.

## Upcoming Meetings

2025		
September 9-11, 2025		National Concrete Consortium
November 13, 2025	9:00 am to 12:00 pm	CTC