



# January 21, 2026

## Meeting Minutes – Concrete Technical Committee

**Location:** MS Teams and Red Granite Conference Room, Truax Office, Madison

**Date:** January 21, 2026

**Time:** 9:00 AM to 12:00 PM

### 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
- Isabelle Holcomb – SE Freeways Project Engineer
- Brent Ferguson – NC Region Independent Assurance
- Devin Harings – NW Region Pavement Engineer
- Matt Bertucci – NE Region Pavement Engineer

#### **FHWA Members –**

- Michelle Gehrke – Transportation Engineer

**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
- Dave Stanke – Kraemer North America
- Brian Borowski – Lafarge/Holcim
- Mark LaLonde – LaLonde Contractors (Alex Burant)
- 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) –**

- Paul Piccione – Construction Oversight and Automation Chief
- Laura Shadewald – BOS Structures Development Chief
- Myungook (MK) Kang – BTS Quality Assurance Supervisor
- Linette Rizos – 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

**Agenda Items**

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

- Incomings:
  - Isabelle Holcomb – SE Freeways Project Engineer
  - Paul Piccione – Construction Oversight and Automation Chief
- Outgoings:

- Eric D Hanson – SE Freeways Project Manager
- 2. Review of Action Items (30 min)
  - **MOTP** (A. Graff): BTS will draft the proposed language for WTM T22 and WTM T97.
    - **Completed.**
    - Proposed updates to WTM T22 and WTM T97 were presented to the committee that included rounding average instead of individual cylinders/beams. These revisions will be shared with the committee.
  - **Research Projects** (A. Graff): Inform A. Graff of any suitable projects in 2026-2027 that could be used for this research.
    - **Completed.**
    - List of projects for the WHRP project “Evaluating Water-Cementitious Material Ratio (w/cm) as Acceptance Parameter for Freshly Placed Concrete” was compiled.
  - **Curb Shear** (P. Kemp):
    - M. Bertucci will send pictures from the test sections at roundabouts in the NE region to T. Mandal.
      - **Completed.**
      - 2022 projects using standard practices showed no distresses. 2023 projects with revised practices also showed no distress. For 2023 projects, multiple practices were combined, issue of what is causing the curb shear cannot be isolated to one practice at this time. Additional investigation is required to determine if poor installation practices or standard practices are contributing to curb shear.
    - Expansion Material Specification/SDD Discussion
      - Expansion material is not manufactured in 1.5-inch thickness. Expansion material of 1 inch or less is used in most applications which is currently manufactured. WisDOT allows for multiple materials of same type to be used and combined to reach 1.5-inch thickness for pavements. SDD allows for any of the 3 options (ASTM D8139, AASHTO M153, or AASHTO M213) to be used for expansion joint in the roadway due to stand alone requirements.
      - Purpose of using flexible expansion material was to replace asphalt-impregnated felt with more durable material to prevent curb shear.
      - Hot sealant melts flexible foam expansion material. Asphalt-impregnated felt shall be used in applications that require hot sealant to be poured.
      - P. Kemp shared a presentation on the expansion material (presentation attached with the meeting minutes).
      - There are a couple of issues currently:

- Interpretation of curb/sidewalk detail drawing 8D-1-24. Is standard 4-inch sidewalk considered a rigid structure? Some engineers require for 1-inch gap to be placed. Note 11 for typical 4-inch sidewalk abutting curb shall be added to use  $\frac{1}{2}$  inch expansion felt instead of 1 inch expansion foam as sidewalk can be interpreted to be rigid structure.
- Material remaining in place as the existing the standard specification does not specify how the expansion material should be fixed in place.

- **Diamond Grinding** (WCPA): WCPA will share the reference material to BTS related to the zero-clearance diamond grinding operation.
  - WCPA will provide update at the next CTC meeting. Similar issues were observed with longitudinal bridge deck grooving.
- **CSA Cement** (A. Graff): B. Bohman will provide BTS with the locations for each day's paving along with strength and ambient temperature data.
  - Completed.
  - Data was shared by B. Bohman and will be analyzed as a part of fast-track task force.

3. Annual Materials Training Update – MK Kang (5 min)
  - Material training will be most likely at the end of March in the same format as last year. Videos will be recorded, and later, live sessions will be scheduled for follow-up questions.
  - Additional details to be provided on a later date.
4. MOTP – A. Albers (5 min)
  - Revisions and comments are due in August for the next MOTP update.
  - **Action Item:** Provide any feedback to A. Albers on the proposed language for WTM T22 and WTM T97 by the next CTC meeting (05/14/2026).
5. WHRP Research Updates – A. Graff/ L. Rizos (15 min)
  - Optimization of Dowel Bars in Concrete Pavements
    - Lab testing in progress, field testing and validation in Spring 2026. Research will be delayed for 6 months.
  - Evaluation of Ride Quality and Tining/Finishing Practices for Concrete Pavements
    - On track, progress meeting scheduled for the end of January.
  - Evaluating Water-Cementitious Material Ratio (w/cm) as Acceptance Parameter for Freshly Placed Concrete
    - On track, progress meeting the same day as January CTC.
6. Task Force Updates – A. Graff (10 min)
  - Fast Track
    - Next meeting will be scheduled in Spring 2026.

- Concrete Strength
  - Next meeting will be scheduled in Spring 2026.
- Curb Shear
  - **Action Item:** BTS will investigate installation practices and consider providing more guidance for which materials are meant to be used in specific applications.
- Task Forces on Hold:
  - Buckling Research
  - PEM Research

7. APL Update – A. Graff (10 min)

- Next round of APL update will include High Performance Dowel Bars, Precast Products, Prestressed Products, Cure and Seal compounds.
- Application is open for new cement and fly ash suppliers. Deadline to apply is March 1<sup>st</sup>.

8. Spec Reorganization/ AWP – E. Lyngdal (5 min)

- Three pilot projects will use the re-organized Standard Specifications (Pilot Specifications) and AASHTO Ware Materials (AWP). Two projects were let in November 2025 and one project that was withdrawn from November let was moved to January let (proposal #54).

9. 715 SPV – T. Mandal (10 min)

- BTS had meetings with industry and FHWA to finalize the 715 SPVs. Documents were sent to FHWA for review and approval.
- Once the SPV is approved by FHWA, pilot projects will be selected.

10. HTCP MDC Class – T. Mandal (5 min)

- Reminder to take the course as it is now required to have the PCC-MDC certification to review and approve concrete mix designs.

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

- January 8, 2026 – Waukesha: **Completed**
- January 22, 2026 – Wisconsin Rapids: **Completed**
- February 19, 2026 – LaCrosse

## Upcoming Meetings

2026		
February 12-13, 2026		WCPA Annual Meeting
May 14, 2026	9:00 am to 12:00 pm	CTC
April 7-9, 2026		National Concrete Consortium
August 13, 2026	9:00 am to 12:00 pm	CTC
November 12, 2026	9:00 am to 12:00 pm	CTC