

TEAM CHARTER
Aggregate Technical Committee
2024-2026

Team Purpose: The Aggregate Technical Committee’s (ATC) purpose is to collaborate with Wisconsin aggregate producers and contractors to resolve statewide aggregate issues, create improvements to construction quality programs for aggregates, and share new initiatives to improve the quality of Wisconsin construction projects. This purpose does not involve intervening in individual project issues; this is the role of the construction administrative staff. The focus of the ATC is broader statewide policy and programs. Specific objectives of the ATC will be defined and discussed at regularly scheduled meetings organized by the committee chair. Pursuit of any objective will be done in good faith that ATC members are acting in the best interest of all stakeholders affected by aggregate specifications and policies.

Products of the committee include:

- Reduce conflicts by improving the department and industry’s understanding of how construction specifications, details, and methods should be interpreted and enforced.
- Improvements and clarifications to specifications and construction details
- Reduction in contract administration claims resulting from the industry having a better understanding of department expectations
- Improve communication between WisDOT and the industry
- Implementation of practice-ready aggregate research

Duration and Time Commitment: The ATC typically meets three times a year (January, June, and October) provided there are enough agenda items for a meeting. The meeting is typically held at least once face-to-face (with option for Teams meeting) in the Truax building. The meetings are scheduled for 2-4 hours.

Member Names and Organization:

Name	Team Role	Agency / Organization	Specifics
Tirupan Mandal	Chair	Wisconsin DOT - BTS	Assemble agenda, Schedule meetings, facilitate meeting, track follow-up and resolutions of issues
Erin Longmire	Industry representative	APW representative	Outreach to the aggregate producers
Matt Grove	Industry representative	WTBA representative	Outreach representative to Wisconsin contractors
Leslie Ashauer	Industry representative	WCPA representative	Outreach representative to the concrete industry

Debbie Schwerman	Industry representative	WAPA representative	Outreach representative to asphalt industry
Michelle Gehrke	FHWA representative	FHWA Wisconsin Division representative	James monitors the Wisconsin Pavements and Materials Programs
WisDOT Bureau Staff	Technical Experts	Various statewide bureaus including BTS and BPD (as needed based on agenda items)	WisDOT business area experts in specifications, materials, contract administration, policy and standards
WisDOT Regional DOT Staff	Technical Experts	WisDOT design and construction	Expertise and insight to various construction related needs and issues
Industry members (Distribution list attached)	Contractors, suppliers, fabricators, and engineering consultants	Various	Industry representatives and contributors to agenda content and sub-committee participation.

Team 2024-2026 Goals:

- Discuss and resolve policy and specification issues related to aggregate quality:
 - Continue to draft/modify specifications for aggregates based on spec re-org
 - Update Freeze/Thaw testing standards to improve test result consistency
 - Develop a range/band for temperature data
 - Finish ruggedness study
 - Continue round robin
 - Consider Statewide Freeze/Thaw implementation
 - Redefine base material categories
 - Revise backfill specifications
 - Update CMM source sampling guidance as needed
 - Improve specifications for quality approval of recycled concrete for base aggregate applications
 - Framework for statewide ASR testing
 - Using virgin aggregates on top of RAP
 - AASHTOWare implementation
- Share aggregate program initiatives and program implementation
 - Upcoming lettings with significant aggregate quantities
 - Statewide implementation of WTM T103
 - Development of training materials for aggregate-related specifications and construction guidance
 - Internal research on recycled concrete freeze-thaw material properties

Support or Resources Needed:

Staff time to prepare, attend, and follow up on action items. State Patrol conference room up to three times a year.

Reporting Plans:

Distribution of meeting minutes; revised copies of FDM, CMM, and Standard specification; documentation of initiative progress including but not limited to data analysis, photographs, and research.

Desired Outcomes: The desired outcomes of the Aggregate Technical Committee include:

- Reduce construction project conflicts by improving understanding and expectations of the department construction specifications, guidance, details, and methods.
- Improvements and clarifications to specifications, guidance, and construction details.
- Reduction in contract administration claims resulting from the industry having a better understanding of department expectations.
- Assignment of issues and tasks to various sub-committees for resolution.
- New and updates to specifications for material acceptance and construction.
- Improved understanding by the department of concerns and issues that the industry has related to material acceptance and construction.
- Improve communication between WisDOT and the industry.

Document Storage Location: Meeting minutes are located at:

<https://wisconsindot.gov/Pages/doing-bus/contractors/tech-teams/materials.aspx>

Aggregate Technical Committee Member List (updated: 05/2026)

WisDOT Representatives			
First	Last Name	Title/ Company	Email Address
Bureau of Technical Services (BTS)			
Barry	Paye	BTS Director	barry.paye@dot.wi.gov
Erik	Lyngdal	BTS Chief Materials and Pavements Engineer	erik.lyngdal@dot.wi.gov
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WisDOT Regional Representatives			
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Industry Representatives			
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Task Force Membership (updated: 05/2026)

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Tirupan	Mandal	BTS Concrete Materials Unit Supervisor	tirupan.mandal@dot.wi.gov
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Aggregate Specification Reorganization – CONCLUDED 02/2024

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