

# AASHTO Preservation Management Emulsion Task Force (ETF) Meeting Notes

November 21, 2025

10-1p CST

Teams Meeting

United States: +1 (248) 533-0382

Phone Conference ID: 126 819 992#

Attendees:

Name	Affiliation
Adriana Vargas Nordcbeck	NCAT
Anderson, Tana C.	Marathon
Arlis A Kadrmas	BASF
Awwad, Nathan E.	Indiana DOT
Biehl, Eric	Ohio DOT
Bierl, Patrick	Ohio DOT
Brewster, Stormy R.	Marathon
Charity Cook	Paragon Technical Services
Charmot, Stephane	Ingevity
Dingxin Cheng	CPPC
Dunn, Jeff	HRG
Hazlett, Darren G	Texas A&M
Hollenback, Chris	HRG
ILG Larry D	Oregon DOT
John Malusky	AASHTO Resource
Jones, Nicholas	Michigan Paving and Materials
Kevin McGlumphy	Associated Asphalt Partners
Mark Ishee	Ergon

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Mark Ishee	Ergon
Marla Weigel	Petro Energy
Matt Jeffers	Ergon
Matthew Teto	Indus
Mike Hemsley	Paragon Technical Services
Pfeifer, Brian A	Illinois DOT
Ryan Lynch	Resinall Corp.
Senger, John	Illinois DOT
Senger, Kelly L.	Illinois DOT
Shields, Todd	NCPP
Smith, Stephanie L	Flint Hills Resources
Steven Loeffler	PRI Asphalt Technologies
Voth, Michael (FHWA)	Federal Lands
Walker, Aaron	Ingevity
Welborn, Dave	Ingevity/FP2
Wes Cooper	Asphalt Institute
Williams, Mason	Ohio DOT
Zhai, Dave	Idaho Asphalt

**10:00 a.m. – 10:10 p.m.      Welcome, Introductions/ Roll Call      Senger/Hemsley**

Kelly asked if any interest in member spots – we’ve had a few rotate off.

**10:10 a.m. – 10:15 a.m.      ETF Review of Past Minutes      Senger**  
 Review of Meeting Minutes (June 2025)

<https://ncpp-etf.org/wp-content/uploads/2025/07/Emulsion-Task-Force-Meeting-Notes-June-5-6-2025.pdf>

Oregon and Ohio had trouble opening, everyone else was good.

Kelly will email out.

**10:15 a.m. – 10:30 a.m.      ETF Website, Membership Review, NCPP Updates      Shields/NCPP**  
 See slides

10:30 a.m. – 11:00 a.m.

**AASHTO Committee on Materials & Pavements Update**

**Pfeifer**

a. TS 2a – Emulsified Asphalts

TS 2a ballot in late June

- T 295 (cutback hydrometer), coordinating with TFASH, harmonize with ASTM D3142. Scott Veglahn reviewed comments and incorporated changes, we discussed those at the annual meeting and now it's on the fall COMP ballot, open now, closes 12/17
- T 72 (Saybolt) – Table 2 was updated to add oil as an option for bath media for 21.1° C and 25.0° C. In addition, oil specifications were updated based on equipment manufacturer's suggestions. Passed TS ballot and is now on the COMP ballot.
- T 78 (Distillation of Cutback Asphalt Products) – changed to remove the drip rate requirement below 225° C. Also passed TS ballot and is on the COMP ballot

Annual meeting in August

- NCHRP 09-63 (Calibrated and Validated National Performance-Related Specification for Emulsified Asphalt Binder) update, presented by Mike Anderson, Asphalt Institute
- Continuing work on addressing the variability in recovery procedures, planning an interlaboratory study on recovery and extended aging, as well as moisture content testing, and were looking for volunteer labs for that
- Continuing work on collecting data from the field sections across the country
- Slides are available, I can share those

Since the meeting, Scott Nussbaum, TS 2a co-chair from Utah, coordinated with Delmar Salomon on a survey to COMP members

Survey, prompted by Dr. Delmar Salomon and James Robinson (Maine DOT), to gather information on:

- Use of AASHTO T 361 - Binder Bond Strength for Emulsified Asphalt
- The methods used by agencies to determine asphalt residue and oil distillate from emulsified asphalt.

I can share the results with the ETF

We'll get the ballot results in a few weeks, and will be scheduling our mid-year meeting (typically in late January)

b. TS 2b – Liquid Asphalts

**Biehl**

As was mentioned in the June meeting, but the update to the MSCR test (AASHTO T 350) to incorporate allowing emulsion residue was published July 2025 (T 350-25).

b. TS 5b – Bridge & Pavement Preservation

**Ilg**

Not much happened. Larry not able to attend annual meeting due to state travel restrictions. 15 re-confirmations were successful.

c. TS 5c – Quality Assurance and Environmental

**Turgeon**

I believe this was mentioned in the June meeting, but the update to the MSCR test (AASHTO T 350) to incorporate allowing emulsion residue was published July 2025 (T 350-25).

11:00 a.m. – 11:10 a.m.

**Updates from AASHTO Re:Source**

**Malusky**

**Get update from John.**

Can share data with anyone who requests. Wes Cooper asked to get it. We can add to ETF sharepoint. AASHTO Accreditation Procedural Manual updated recently.

**How best to better store emulsions (stability),** have trouble with settlement.

One helpful comment is to ship samples with “hot hands” to keep from freezing in winter time. Also periodic rolling of sample containers in storage helps.

**11:10 a.m. – 11:30 a.m.**

**Research Project Updates**

**Hazlett**

See slides for update.

- a. NCHRP 9-62 Rapid Tests and Specifications for Construction of Asphalt-Treated Cold Recycled Pavements  
AASHTO TP 146 long-pin & TP 147 short-pin
- b. NCHRP 14-43 Construction Guide Specifications for Cold Central Plant Recycling and Cold In-Place Recycling  
AASHTO R 123 QA for CCPR & R 124 QA for CIR
- c. NCHRP 14-44 Construction Guide Specifications for Slurry Seals, Scrub Seals, and Tack Coats  
QA guides submitted for TS ballot before COMP Annual Meeting...Not sure how the voting went and wasn't able to attend mid-year meeting at the end of October. We submitted the chip seal QA guide too as I don't believe it made it through all the balloting in 2020/2021 (slurry systems QA guide was in that same balloting as well). Thanks Jody for the help!
- d. NCHRP 14-48 Construction Guide Specifications for Pavement Treatments - Sand Seals and Ultra-thin Bonded Surface Treatments  
QA guides still need done. Need to review comments provided by the ETF.
- e. NCHRP 10-114 Developing Performance and Safety Specifications for Rejuvenating Seals (Presentation)
- f. NCHRP 10-124 Development of Field Test to Determine Actual Percent Embedment of Chip Seal Aggregate
- g. NCHRP 10-134 Performance-Based Tests for Asphalt Emulsion Treatments as part of Agency Acceptance and Incentive Programs
- h. NCHRP 10-145 Asphalt Emulsion-Based High Friction Surface Treatments
- i. NCHRP 17-138 Pavement Marking Selection for Bridge and Pavement Preservation Treatments

**11:30 p.m. – 12:00 p.m.**

**Stakeholder Updates**

**Hemsley**

- a. FP<sup>2</sup>

Dave Welborn – PG3 pooled fund technical support, 5 completed projects this year.

- b. AEMA

Stormy Brewster – Emulsion PCR has been out for public comment, in process of addressing. Will then get into EPD, first quarter 2026.

AEMA website updated.

Started marketing campaign this year, addressing state/local agencies on pavement management. 1 day training available. Focus on network level thinking. Reach out to AEMA rep if interested.

Arlis Kdrmas - PPRA technical session on February 19, asphalt emulsion manuals being updated, 5<sup>th</sup> edition coming. Other research initiative updates.

LEAP program looking to start new class.

- c. ARRA

Mike Hemsley – updating Road Resource website. Creating short video clips about each recycling treatment.

Developed 1 page flyers on recycling treatments.

Ongoing discussions about terminology, i.e. "recycling agent" to "stabilizing agent".

Asphalt Pavement Recycling Technologies Implementation Workshop – Free, from FHWA delivered in person or virtually.

d. ISSA

Chris Hollenback – Strategic Plan 2025-2027 – innovation through preservation. Focusing on engagement campaigns. Establish more international membership and involvement. Looking to produce webinars describing member benefits. Developing LCA's and EPD's for all pavement preservation treatments. Expand on awards to promote treatments. Expand on use of recycled materials in treatments.

e. FHWA (PPTFG)

Not much to update, Antonio Nieves has left FHWA. Jason Dietz is on temporary reassignment. Mike Voth added that with ongoing reorganization efforts there will not be much in the short term from this group.

**12:00 p.m. – 12:45 p.m. SUBCOMMITTEE UPDATES**

**#1 Emulsion Treatments (B/O)**

**Senger/Weigel**

Has not met since June. Working on CIR/CCPR best practices document. Charity Cook went over comments. Gyratory is more representative of field compaction than Marshall hammer.

Update what is posted on ETF website.

**#2 QA, Education & Certification Subcommittee (B/O)**

**Teto/Biehl**

QA guides still out for comments.

**#3 Messaging & Implementation Subcommittee (B/O)**

**Betsold/Brewster**

Submitted implementation proposal to NCHRP CIR/CCPR, Bonded Wearing Course, Sand Seal, Slurry Seal. Potentially looking for some more help.

Kelly will reach out to AASHTO to get update on status of 20-44 program (implementation).

Will look to do some messaging on updated CCPR/CIR best practices guide.

**#4 Research**

**Hazlett/Braham**

See slides

**#5 Asphalt Emulsion Binders (B/O)**

**Voth**

Looking at trackless tack specs, best practices for shipping and handling asphalt emulsion samples.

**12:45 p.m. – 1:00 p.m. INDUSTRY CONCERNS**

**Hemsley**

Current supply chain issues still an issue from time to time, but no major shortages projected. However, skilled labor is an issue. Keep up on training.

**1:00 p.m.**

**ADJOURN**

**Senger**

**Next meeting**

HRG willing to continue to host at The Center. Group interested in going there.

ASTM D04 meets June 2-4

AAPT March 23-26

Group interested in doing earlier, maybe March or early May. Things start getting busy in April. HRG will get availability in those times and we can send out a poll.

**Action items?**

Add ASTM/TFASH updates for future meetings.

DRAFT