TRANSPORTATION POOLED FUND PROGRAM
QUARTERLY PROGRESS REPORT
for
TPF-5(522) National Partnership to Improve the Quality of Pavement Preservation Treatment Construction & Data Collection Practices (PG3)

Lead Agency: Minnesota Department of Transportation

Transportation Pooled Fund Program Project # TPF-5(522) https://pooledfund.org/Details/Study/754	**Report Period:** 2026 - Quarter 2 April 1 – June 30, 2026

Project Title: National Partnership to Improve the Quality of Pavement Preservation Treatment Construction & Data Collection Practices (PG3)

Project Website being determined (Not fully developed yet add)

This pooled fund is the third pooled fund looking at the effectiveness of preservation treatments. "PG1" led by Alabama DOT and "PG2" led my Minnesota DOTNRRA quarterly reports for Phase-I and Phase-II are being combined because of existing projects in phase-I that are still ongoing and still pertain to the NRRA efforts that are being done in phase-II. Both websites will be updated with the same quarterly report. Individual budgets are attached to this quarterly report for both efforts.

Project Manager(s): Joel Ulring (MnDOT) Debbie Walker (FHWA)	**Phone Number:** 651-366-5432 202-493-3068	**E-Mail** joel.ulring@state.mn.us deborah.walker@dot.gov
Pooled Fund Start Date: January 1, 2024	**Pooled Fund End Date:** December 31, 2028	**Duration:** 5 years
Contracted Contractors: Auburn University National Center Pavement Preservation	**Contract (MnDOT #):** 1055574 1055609	**Contractor Start/End Date:** 3/8/2024 – 12/31/2028 3/15/2024 – 12/31/2028
Auburn University National Center Pavement Preservation	**Number of Extensions:** 0 0	**Extension Date:** NA NA

Project schedule status ☐ On schedule

Phase – 1 TPF-5(522) Overall Project Statistics:

Total Project Budget	Total Costs obligated to Date for Project	Percentage of Time and Funding Completed to Date
Total Funding Expected (based on agency discussion) $4,710,000 **SPR (522) agency obligations** (Pooled Fund Website / MnDOT) $3,810,000 **SPR (375) Rollover (estimated)** $0	**Overall** **$2,823,584.48** **Auburn University** $1,027,417.77/$1,712,362.95 60.0% paid **National Center for Pavement Preservation** $1,659,837.44/$2,506,937.00 (includes Agency Travel) 66.2% paid	**Pooled Fund** 30/60 months = 50.0% **Contracts** 30/48 months = 62.5%

Project Description:
The use of the right pavement preservation (PP) treatment at the right time on the right road can improve the condition level and extend the service life of a pavement structure. When properly applied or constructed, they optimize performance of the pavement. By monitoring the timing, placement, and performance of PM treatments through applied research, the optimal timing for placement can be determined and performance grading specifications developed, improving overall pavement performance.

This pooled-fund study will support state highway agencies (SHAs) and other Local Public Agencies (LPAs) by improving the application and quality of PP treatments on their pavements under live traffic conditions. The study will also provide guidance and funding to SHAs and LPAs in an effort to standardize or harmonize treatment strategies, address implementation efforts, and develop best construction practices utilizing their existing specifications or available AASHTO standards. For the study to be valuable, documentation of pretreatment pavement condition is critical along with monitoring of post treatment performance. The study will use established and proven data collection procedures such as those from the Long-Term Pavement Performance (LTPP) program to monitor the PM treatments. This data will be available to the public through an online system (e.g. LTPP InfoPave™ web portal).

Progress this Quarter
(includes meetings, work plan status, contract status, significant progress, etc.):

NCPP

Task 1 –
- ✓ Provided project overview and expectations for Missouri DOT on June 16
- ✓ Held project nomination technical meeting with Washington DOT on April 13 and May 21
- ✓ Held project nomination technical meeting with Michigan DOT on April 14
- ✓ Held project nomination technical meeting with New Mexico DOT on April 20 and June 9
- ✓ Reviewed and provided feedback for Michigan DOT enhanced friction micro surfacing specification
- ✓ Reviewed and provided feedback for New Mexico DOT chip seal in house maintenance guidelines
- ✓ Conducted training for Alaska DOT on April 15
- ✓ Conducted training for Alabama DOT on April 21
- ✓ Weekly “Touch Point” meetings were conducted with MnDOT leads and NCAT PI on April 10, April 24, May 15, May 22, June 5, June 12 and June 26, respectively

Task 2 –
- ✓ Provided on site project support for Alabama project on April 28

Task 4 –
- ✓ Pavement Preservation Journal article for Fall 2026 edition was drafted
- ✓ PG3 Website updates to include NEPPP TAP meeting information

Task 5 –
- ✓ Held in person TAP meeting May 7 in conjunction with the Northeast Pavement Preservation Partnership Meeting

Task 6 –
- ✓ Secured meeting space for Fall 2026 TAP Meeting in Minneapolis, MN

- ✓ Notified Fall 2026 TAP Meeting attendees of meeting date, time and location.
- ✓ Finalized and paid expenses for the May 7 TAP Meeting
- ✓ Prepared miscellaneous and associated correspondence

NCAT

Task 1 –
- ✓ Continued data collection and analysis of existing sections.

Task 2 –
- ✓ Performed testing on pretreatment cores received from Alabama and Alaska DOT.

Task 5 –
- ✓ Assisted with planning and attended in-person TAP meeting (May 2026).
- ✓ Presented research findings at RMAUPG Spring Meeting and ASCE T&DI International Airfield and Highway Pavements Conference.
- ✓ Assisted with reviewing article for the Pavement Preservation Journal Summer Issue.

Anticipated work next quarter:
The following is expected to be completed for next quarter.

NCPP

- ✓ Task 1 – Continue development of project data forms as needed based on project submittals
- ✓ Task 1 – Project nominations will be compiled and reviewed as they are submitted
- ✓ Task 1 – Spec review, technical consultations, and training will take place.
- ✓ Task 1 – Training for Washington DOT scheduled for July 7
- ✓ Task 2 – Potential on site support for Washington, New Mexico and Michigan DOT projects
- ✓ Task 3 – Continue to work with states to fill in project treatments and schedules.
- ✓ Task 3 – Work with states to provide technical support for post construction activities.
- ✓ Task 4 – finalize and submit Pavement Preservation Journal Article for Fall 2026 issue
- ✓ Task 5 – Prepare for in person TAP meeting on October 6-7 in Minneapolis

NCAT
- ✓ Task 1 – Continue data collection and analysis of existing sections.
- ✓ Task 2 – Perform testing on pretreatment cores from New Mexico DOT. Continue to review nominations and provide technical assistance as needed.
- ✓ Task 4 – Incorporate performance data from new sections into the research database.
- ✓ Task 5 – Assist with planning and participate in TAP meetings (online and in-person). Assist with drafting article for the Pavement Preservation Journal Fall Issue. Prepare and submit TRB paper documenting Idaho TD's RAP chip seal project.

Significant Results:

NCPP

- ✓ Maintained and updated PG3 Project Website and SharePoint site.

- ✓ Provided direct support to Alabama DOT, Washington DOT, New Mexico DOT and Alaska DOT for spec review, training and project support.
- ✓ Completed logistical tasks to procure space for the Fall 2026 TAP Meeting in Minneapolis, MN

NCAT

- ✓ In coordination with MnDOT and NCPP, continued development of implementation phase activities through data analysis, technical support, and outreach.

Potential Implementation:

NCPP

- ✓ Participating states can continue uploading nominating projects. Project support and implementation will follow as necessary.

NCAT

- ✓ NCAT will continue to help review project nominations, provide support prior to construction, and assist NCPP with onsite visits as needed. NCAT will conduct material testing of samples collected during construction.

Attachment – A (PG3) – 08/03/2026 Income Summary Report

State/Agency Participation -- TPF-5 (522)

National Partnership to Improve the Quality of Pavement Preservation Treatment Construction & Data Collection Practices (PG Phase III)

Agency		FY23	FY24	FY25	FY26	FY27	FY28	Totals
Alabama	Commitment	$50,000	$50,000	$50,000				$150,000
	Contribution		$100,000	$50,000				$150,000
Alaska	Commitment		$50,000	$50,000	$50,000			$150,000
	Contribution		$50,000	$50,000	$50,000			$150,000
Arkansas	Commitment			$50,000	$50,000	$50,000		$150,000
	Contribution			$50,000	$50,000			$100,000
Colorado	Commitment		$50,000	$50,000	$50,000			$150,000
	Contribution		$50,000	$50,000	$50,000			$150,000
Delaware	Commitment			$20,000	$20,000	$20,000		$60,000
	Contribution			$20,000	$20,000			$40,000
FHWA	Commitment			$60,000				$60,000
	Contribution			$60,000				$60,000
Idaho	Commitment	$150,000	$50,000	$50,000				$250,000
	Contribution	$150,000	$50,000	$50,000				$250,000
Illinois	Commitment		$50,000	$50,000	$50,000	$50,000	$50,000	$250,000
	Contribution		$50,000	$50,000	$50,000			$150,000
Kansas	Commitment				$50,000	$50,000		$100,000
	Contribution							$0
Maryland	Commitment		$50,000	$50,000	$50,000	$50,000		$200,000
	Contribution		$50,000	$50,000	$50,000			$150,000
Michigan	Commitment		$50,000	$50,000	$50,000	$50,000		$200,000
	Contribution		$50,000	$50,000	$50,000			$150,000
Minnesota	Commitment	$50,000	$50,000	$50,000	$50,000	$50,000		$250,000
	Contribution	$50,000	$50,000	$65,000	$50,000			$215,000
Mississippi	Commitment		$50,000	$50,000	$130,000	$50,000		$280,000
	Contribution		$50,000	$50,000	$130,000			$230,000
Missouri	Commitment				$50,000	$50,000	$50,000	$150,000
	Contribution				$50,000			$50,000
New Mexico	Commitment			$50,000	$50,000	$50,000		$150,000
	Contribution			$50,000	$50,000			$100,000
New York	Commitment		$50,000	$50,000	$50,000	$50,000		$200,000
	Contribution		$50,000	$50,000	$50,000			$150,000
North Carolina	Commitment		$50,000	$50,000	$50,000	$50,000	$50,000	$250,000
	Contribution		$50,000	$50,000	$50,000			$150,000
North Dakota	Commitment	$250,000						$250,000
	Contribution	$250,000						$250,000
South Carolina	Commitment		$50,000	$50,000	$50,000	$50,000		$200,000
	Contribution		$50,000	$50,000	$50,000			$150,000
Texas	Commitment		$50,000	$50,000	$50,000	$50,000	$50,000	$250,000
	Contribution		$50,000	$50,000	$50,000			$150,000
Washington	Commitment		$20,000	$20,000	$20,000	$20,000		$80,000
	Contribution		$20,000	$20,000	$20,000			$60,000
Wisconsin	Commitment		$50,000					$50,000
	Contribution		$50,000					$50,000
Totals	Commitment	$500,000	$720,000	$850,000	$870,000	$690,000	$200,000	**$3,830,000**
	Contribution	$450,000	$770,000	$865,000	$820,000	$0	$0	**$2,905,000**

Attachment – B (PG3) – 08/03/2026 Financial Summary Report

TPF-5(522) - Improving the Quality of Preventive Maintenance Construction and Data Collection Practices - Continuation of TPF-5(345) - TPF-5(522)

Expenditures:

	Encumbrances	**Actual Paid**
TPF-5(522)	$ 2,905,000.00	
NCPP Tasks Expenses		$1,634,695.57
NCPP Travel Expenses		$ 161,471.14
NCAT Task Expenses		$1,027,417.77
Totals	$ 2,905,000.00	$2,823,584.48
Available Balance		**$ 81,415.52**