



Kay Ivey  
Governor

## ALABAMA DEPARTMENT OF TRANSPORTATION

Bureau of Research and Development  
1409 Coliseum Boulevard, Montgomery, Alabama 36130-3050  
Phone: (334) 353-6940 FAX: (334) 353-6950  
Internet: <http://www.dot.state.al.us>



John R. Cooper  
Transportation Director

June 15, 2026

Dr. Steven Taylor  
Senior Vice President for Research and Economic Development  
Auburn University  
202 Samford Hall  
Auburn University, AL 36849

Subject: Transportation Pooled Fund Project TPF-5(561)/ALDOT Research Project 931-952P,  
“Consortium for Asphalt Pavement Research and Implementation 2 (CAPRI-2)”  
**Letter of Direction – Update (No. 1)**

Dear Dr. Taylor:

This is your “Letter of Direction” to continue work on the above referenced pooled fund research project. This authorization to continue work is based upon the proposal that was approved by the Alabama Department of Transportation (ALDOT) under General Agreement No. 24-01042 with the National Center for Asphalt Technology (NCAT). The agreement was approved by the Governor of Alabama on July 11, 2024.

This is an updated Letter of Direction that reflects current and previous study participants and obligated funds received to our department as of June 15, 2026.

The researcher, also referred to as the “Principal Investigator (PI)”, should adhere to the proposal and approved budget as his/her guide for conduct to execute the expected project deliverables. This office, with the recommendation of the Technical Advisory Committee (TAC), must approve any deviation(s) to the work plan/scope of work. Any deviation(s) from the proposal/work plan/scope of work must be requested in writing to the ALDOT, Bureau of Research and Development (ATTN.: Ms. Kidada C. Dixon, P.E., State Research and Development Engineer). The TAC, comprised of representatives from FHWA and participating states, was created to monitor the researcher’s progress and to provide technical guidance when required or requested. The PI should occasionally meet with the TAC to update them on project progress and accomplishments. The TAC for this pooled fund study is as follows:

Ms. Kidada Dixon ([dixonk@dot.state.al.us](mailto:dixonk@dot.state.al.us); (334) 353-6940) - Alabama DOT (*Lead State*)  
Mr. Aaron Leavitt ([aaron.leavitt@dot.gov](mailto:aaron.leavitt@dot.gov); (202) 493-3187) - FHWA  
Ms. Kristy Harris ([kristy.harris@dot.gov](mailto:kristy.harris@dot.gov); (334) 274-6361) – FHWA, ALDOT Liaison  
Mr. Vincent Battista ([vincent.battista@state.co.us](mailto:vincent.battista@state.co.us); (303) 398-6576 – Colorado DOT  
Mr. Jacob Walker ([sawalker@dot.ga.gov](mailto:sawalker@dot.ga.gov); (404) 608-4848) – Georgia DOT  
Mr. Casey Abe ([casey.abe@hawaii.gov](mailto:casey.abe@hawaii.gov); (808) 587-2346) - Hawaii DOT  
Mr. John Arambarri ([john.arambarri@itd.idaho.gov](mailto:john.arambarri@itd.idaho.gov); (208) 334-8099) – Idaho DOT  
Mr. Brian Hill ([brian.hill@illinois.gov](mailto:brian.hill@illinois.gov); (217) 558-1628) - Illinois DOT  
Mr. Brian Johnson ([brian.johnson@iowadot.us](mailto:brian.johnson@iowadot.us); (515) 239-1013) – Iowa DOT

Ms. Michelle Miller ([millerm81@michigan.gov](mailto:millerm81@michigan.gov); (517) 256-6799) – Michigan DOT  
Mr. Alex Middleton ([amiddleton@mdot.ms.gov](mailto:amiddleton@mdot.ms.gov); (601) 359-7648) – Mississippi DOT  
Mr. Jason Blomberg ([jason.blomberg@modot.mo.gov](mailto:jason.blomberg@modot.mo.gov); (573) 526-4338) – Missouri DOT  
Mr. Matthew Needham ([maneedham@mt.gov](mailto:maneedham@mt.gov); (406) 444-7260) - Montana DOT  
Mr. Can Chen ([can.chen@dot.nm.gov](mailto:can.chen@dot.nm.gov); (505) 946-7042) – New Mexico DOT  
Mr. Thomas Kane ([Thomas.kane@dot.ny.gov](mailto:Thomas.kane@dot.ny.gov); (518) 457-4287) – New York State DOT  
Mr. Tyler Wollmuth ([twollmuth@nd.gov](mailto:twollmuth@nd.gov); (701) 328-2500) – North Dakota DOT  
Ms. Michelle Lucas ([michelle.lucas@dot.ohio.gov](mailto:michelle.lucas@dot.ohio.gov); (614) 644-8135) – Ohio DOT  
Ms. Kimberly Lyons ([lyonsKR@scdot.org](mailto:lyonsKR@scdot.org); (803) 394-4813) – South Carolina DOT  
Ms. Gisel Carrasco ([gisel.carrasco@txdot.gov](mailto:gisel.carrasco@txdot.gov)); (512) 354-5768) – Texas DOT  
Mr. Derek Gaw ([derek.Gaw@tn.gov](mailto:derek.Gaw@tn.gov); (615) 350-4106) – Tennessee DOT  
Mr. Aaron Schwartz ([aaron.schwartz@vermont.gov](mailto:aaron.schwartz@vermont.gov); (802) 272-6862) – Vermont Agency of  
Transportation  
Mr. Hari Nair ([Harikrishnan.nair@vdot.virginia.gov](mailto:Harikrishnan.nair@vdot.virginia.gov); (434) 293-1948) – Virginia DOT  
Mr. Shawn Jack ([shawn.D.jack@wv.gov](mailto:shawn.D.jack@wv.gov); (6304) 414-6605) – West Virginia DOT

The project is a transportation pooled fund project and is funded with State Planning and Research (SP&R) funds. It has been assigned ALDOT Research Project 931-952P in our research series, and TPF-5(561) on the Transportation Pooled Fund (TPF) website (<https://www.pooledfund.org/>). **The performance period of this project will begin on January 1, 2026, and will end on December 31, 2030.**

As of June 15, 2026, the amount of funds received from the participating states and FHWA total \$765,000.00. These funds are from the committed pledges (total \$2,563,000.00) made by the participating states and FHWA on the TPF Website. These commitments were made to this project under TPF project number TPF-5(561) and are detailed in the attached document that was extracted from the TPF website. Updates on additional funds received by participating states and FHWA will be documented and updated in a report that will be provided to the PI assigned to this project. The funding report, detailing the funds received and processed by ALDOT as of June 15, 2026, is attached to this letter. Please note very carefully that no work should ever be performed for any partner on this project if their available funding balance is not enough to cover their costs. The Bureau of Research and Development will at any time, at your request, work with you in determining available funding. Your failure to adhere to this requirement could result in disapproval of invoices.

To ensure compliance with the Department and federal guidelines please adhere to the following requirements:

1. Federal Reporting: A research project template is required for each approved project in ALDOT's Research Work Program. The template is to be completed by the PI. The template is located on the ALDOT website under the 'Research Program' tab or can be accessed at <https://www.dot.state.al.us/programs/ResearchProgram.html>. Note: There are 2 parts to the research template that must be completed and submitted in a timely manner. **Part I is due when the proposal is received by ALDOT for approval consideration (ALDOT will send a confirmation email for the proposal), and Part II is due by October 15th for the Bureau of R&D's End of the Year Work Report. Instructions for completing both parts are provided on the website listed above.**
2. Invoicing Requirements: Invoicing for all on-going ALDOT research projects is required to have at least one charge/invoice for a maximum cycle length of 5 months during the specified performance period of the project. ALDOT is not responsible for delayed invoice payments if the project is not invoiced at least once during a maximum cycle length of 5 months. Adherence to this requirement is essential for maintaining continuous project funding on participating projects.

Please note very carefully that no work should ever be performed for any partner on this project if their available funding balance is not enough to cover their costs. The Department’s Bureau of Research and Development will at any time, at your request, work with you in determining available funding. Your failure to adhere to this requirement could result in disapproval of invoices. To ensure accurate end of the year (i.e., fiscal year) federal reporting that ALDOT must submit in a report, please establish an internal procedure that does not allow the invoice service periods to cross fiscal years. Invoices spanning over two fiscal years must be separated to allow one invoice service period to end on September 30<sup>th</sup> with any remaining service periods (i.e., November and December months) combined on the subsequent invoice.

3. Quarterly Progress Reports: The reports provide full and comprehensive details of the work activities completed during the quarter and outline the work activities planned for the upcoming quarter. Quarterly progress reports are to be submitted to the Department’s Bureau of Research and Development via email to Ms. Kidada Dixon ([dixonk@dot.state.al.us](mailto:dixonk@dot.state.al.us)) and Mr. Calvin Smith ([smithcal@dot.state.al.us](mailto:smithcal@dot.state.al.us)) by the 30<sup>th</sup> of December, March, June and September until the work is completed and regardless of when the project began.
4. Draft Final Report: A draft final report is required to be submitted to Department’s Bureau of Research and Development via email to Ms. Kidada Dixon ([dixonk@dot.state.al.us](mailto:dixonk@dot.state.al.us)) and Mr. Calvin Smith ([smithcal@dot.state.al.us](mailto:smithcal@dot.state.al.us)) at least 30 days before the completion of the project and must include implementation recommendations.

For pooled fund projects (led by ALDOT only), reports can be made available on the Transportation Pooled Fund Program’s website (<https://www.pooledfund.org/>) to ensure and uphold the terms of the Transportation Pooled Fund Program. The terms for product distribution, and report and summary distribution are outlined in the TPF Procedures Manual which can be found on the TPF website or on the following link:  
<https://pooledfund.org/StaticDocuments/Reports/TPF%20Financial%20Procedures%20Manual%20March%202023%20-%20New.pdf>.

All publications by NCAT which are derived from the study will contain the following statement applicable in the credit sheet:

“The contents of this report reflect the views of the author(s) who is (are) responsible for the facts and the accuracy of the data presented herein. The contents do not necessarily reflect the official views or policies of the State of Alabama Department of Transportation or the Federal Highway Administration. This report does not constitute a standard, specification, or regulation. Comments contained in this paper related to specific testing equipment and materials are not considered an endorsement of any commercial product(s) and/or service(s): no such endorsement is intended or implied.”

5. Final Report: A final report will be requested by the Department’s Bureau of Research and Development after the Draft Final Report is thoroughly reviewed by the TAC and any concerns identified are properly addressed. Distribution of all research project reports and request for publication or documentation is handled through the Department’s Bureau of Research and Development.

Note: The ALDOT disclaimer statement mentioned above must be included in the Final Report publication and distribution.

6. Other Project Requests: All requests should be formally submitted by the PI directly to the Department's Bureau of Research and Development via email to Ms. Kidada Dixon ([dixonk@dot.state.al.us](mailto:dixonk@dot.state.al.us)) and Mr. Calvin Smith ([smithcal@dot.state.al.us](mailto:smithcal@dot.state.al.us)). All requests must be submitted in a timely manner to allow sufficient time for review, approval and processing. Requests made less than 30 days before the completion date of the project may be denied.

If you have any questions concerning this updated Letter of Direction, please contact me at (334) 353-6940 or via email at [dixonk@dot.state.al.us](mailto:dixonk@dot.state.al.us).

Sincerely,



Kidada C. Dixon, P.E.  
State Research and Development Engineer & ALDOT Research Advisory Committee Chair

KCD/sj

Attachments:

Contribution Spreadsheet as of June 15, 2026  
TPF Website - Participating Partner(s) (Extracted) Commitment Summary – June 15, 2026

c: Dr. Randy West, P.E. – NCAT  
Ms. Anita Robinson - NCAT  
Ms. Kristy Harris – FHWA, ALDOT Liaison (via email)  
Ms. Shontrill Lowe – FHWA, Community Planner (via email)  
Ms. Kadian Hollenquest – FHWA, Financial Manager (via email)  
TPF Technical Advisory Committee (TAC) (via email)  
Mr. Jimmy Carroll - ALDOT, Bureau of Office Engineer  
Mr. Shane Missildine - ALDOT, Bureau of Office Engineer  
Ms. DeAnna M. Russell – ALDOT, Bureau of R&D  
File (ALDOT No. 931-952P)

TPF-5(561)/ALDOT Research Project 931-952P  
 "Consortium for Asphalt Pavement Research and Implementation 2 (CAPRI-2)"

ALDOT Processed Funding Report

State	Contributions							Total
	FY2026	FY2027	FY2028	FY2029	FY2030	FY2031		
Alabama DOT	\$ 60,000.00	-	-	-	-	-	-	\$ 60,000.00
FHWA	\$ 50,000.00	-	-	-	-	-	-	\$ 50,000.00
Colorado DOT	\$ 10,000.00							\$ 10,000.00
Georgia DOT	\$ 18,000.00	-	-	-	-	-	-	\$ 18,000.00
Hawaii DOT	\$ 10,000.00	-	-	-	-	-	-	\$ 10,000.00
Idaho DOT	\$ 50,000.00	-	-	-	-	-	-	\$ 50,000.00
Illinois DOT	\$ 18,000.00	-	-	-	-	-	-	\$ 18,000.00
Iowa DOT	\$ 10,000.00	-	-	-	-	-	-	\$ 10,000.00
Michigan DOT	\$ 14,000.00	-	-	-	-	-	-	\$ 14,000.00
Mississippi DOT	\$ 200,000.00	-	-	-	-	-	-	\$ 200,000.00
Missouri DOT	\$ 14,000.00	-	-	-	-	-	-	\$ 14,000.00
Montana DOT	\$ 14,000.00	-	-	-	-	-	-	\$ 14,000.00
New Mexico DOT	\$ 10,000.00	-	-	-	-	-	-	\$ 10,000.00
New York State DOT	\$ 10,000.00	-	-	-	-	-	-	\$ 10,000.00
North Dakota DOT	\$ 10,000.00	-	-	-	-	-	-	\$ 10,000.00
Ohio DOT	\$ 14,000.00	-	-	-	-	-	-	\$ 14,000.00
South Carolina DOT	\$ 25,000.00	-	-	-	-	-	-	\$ 25,000.00
Texas DOT	\$ 10,000.00	-	-	-	-	-	-	\$ 10,000.00
Tennessee DOT	\$ 110,000.00	-	-	-	-	-	-	\$ 110,000.00
Vermont Agency of Transportation	\$ 10,000.00	-	-	-	-	-	-	\$ 10,000.00
Virginia DOT	\$ 14,000.00	-	-	-	-	-	-	\$ 14,000.00
West Virginia DOT	\$ 84,000.00	-	-	-	-	-	-	\$ 84,000.00
<b>Grand Total*</b>	<b>\$ 765,000.00</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 765,000.00</b>

Notes: \*The Grand Total noted above reflects the amount of funds received for the study as of June 15, 2026.  
 This table does not reflect any expenses charged for work performed.

## Consortium for Asphalt Pavement Research and Implementation 2 (CAPRI-2)

### General Information

Study Number:	TPF-5(561)
Lead Organization:	Alabama Department of Transportation
Contract Start Date:	Jan 01, 2026
Solicitation Number:	1642
Partners:	AL, CO, FL, GADOT, HI, IADOT, ID, IL, IN, MA, MI, MN, MO, MS, MT, NC, ND, NE, NM, NV, NY, OH, OK, PR, SC, TN, TX, VA, VIDPW, VT, WI, WV
Status:	Cleared by FHWA
Est. Completion Date:	Dec 31, 2030
Contract/Other Number:	
Last Updated:	Dec 31, 2025
Contract End Date:	

### Financial Summary

Contract Amount:	
Total Commitments Received:	\$2,563,000.00
100% SP&R Approval:	

### Contact Information

Lead Study Contact(s):	Kidada Dixon <a href="mailto:dixonk@dot.state.al.us">dixonk@dot.state.al.us</a> Phone: 334.353.6940
FHWA Technical Liaison(s):	Aaron Leavitt <a href="mailto:aaron.leavitt@dot.gov">aaron.leavitt@dot.gov</a> Phone: 202-493-3187

### Commitments by Organizations

Organization	Year	Commitments	Technical Contact Name	Funding Contact Name	Contact Number	Email Address
Alabama Department of Transportation	2026	\$10,000.00	Kidada Dixon	Kidada Dixon	334.353.6940	<a href="mailto:dixonk@dot.state.al.us">dixonk@dot.state.al.us</a>
Alabama Department of Transportation	2027	\$10,000.00	Kidada Dixon	Kidada Dixon	334.353.6940	<a href="mailto:dixonk@dot.state.al.us">dixonk@dot.state.al.us</a>
Alabama Department of Transportation	2028	\$10,000.00	Kidada Dixon	Kidada Dixon	334.353.6940	<a href="mailto:dixonk@dot.state.al.us">dixonk@dot.state.al.us</a>
Alabama Department of Transportation	2029	\$10,000.00	Kidada Dixon	Kidada Dixon	334.353.6940	<a href="mailto:dixonk@dot.state.al.us">dixonk@dot.state.al.us</a>
Alabama Department of Transportation	2030	\$10,000.00	Kidada Dixon	Kidada Dixon	334.353.6940	<a href="mailto:dixonk@dot.state.al.us">dixonk@dot.state.al.us</a>
Alabama Department of Transportation	2031	\$10,000.00	Kidada Dixon	Kidada Dixon	334.353.6940	<a href="mailto:dixonk@dot.state.al.us">dixonk@dot.state.al.us</a>
Colorado Department of Transportation	2026	\$10,000.00	Vincent Battista	Thien Tran		<a href="mailto:thien.tran@state.co.us">thien.tran@state.co.us</a>
Colorado Department of Transportation	2027	\$10,000.00	Vincent Battista	Thien Tran		<a href="mailto:thien.tran@state.co.us">thien.tran@state.co.us</a>

Organization	Year	Commitments	Technical Contact Name	Funding Contact Name	Contact Number	Email Address
Colorado Department of Transportation	2028	\$10,000.00	Vincent Battista	Thien Tran		<a href="mailto:thien.tran@state.co.us">thien.tran@state.co.us</a>
Colorado Department of Transportation	2029	\$10,000.00	Vincent Battista	Thien Tran		<a href="mailto:thien.tran@state.co.us">thien.tran@state.co.us</a>
Colorado Department of Transportation	2030	\$10,000.00	Vincent Battista	Thien Tran		<a href="mailto:thien.tran@state.co.us">thien.tran@state.co.us</a>
Georgia Department of Transportation	2026	\$18,000.00	Jacob Walker	Brennan Roney	404-347-0595	<a href="mailto:broney@dot.ga.gov">broney@dot.ga.gov</a>
Georgia Department of Transportation	2027	\$18,000.00	Jacob Walker	Brennan Roney	404-347-0595	<a href="mailto:broney@dot.ga.gov">broney@dot.ga.gov</a>
Georgia Department of Transportation	2028	\$18,000.00	Jacob Walker	Brennan Roney	404-347-0595	<a href="mailto:broney@dot.ga.gov">broney@dot.ga.gov</a>
Georgia Department of Transportation	2029	\$18,000.00	Jacob Walker	Brennan Roney	404-347-0595	<a href="mailto:broney@dot.ga.gov">broney@dot.ga.gov</a>
Georgia Department of Transportation	2030	\$18,000.00	Jacob Walker	Brennan Roney	404-347-0595	<a href="mailto:broney@dot.ga.gov">broney@dot.ga.gov</a>
Georgia Department of Transportation	2031	\$18,000.00	Jacob Walker	Brennan Roney	404-347-0595	<a href="mailto:broney@dot.ga.gov">broney@dot.ga.gov</a>
Hawaii Department of Transportation	2026	\$10,000.00	Casey Abe	Christine Yamasaki	(808)587-2226	<a href="mailto:christine.yamasaki@hawaii.gov">christine.yamasaki@hawaii.gov</a>
Idaho Department of Transportation	2026	\$10,000.00	John Arambarri	Amanda Laib	208-334-8181	<a href="mailto:amanda.laib@itd.idaho.gov">amanda.laib@itd.idaho.gov</a>
Idaho Department of Transportation	2027	\$10,000.00	John Arambarri	Amanda Laib	208-334-8181	<a href="mailto:amanda.laib@itd.idaho.gov">amanda.laib@itd.idaho.gov</a>
Idaho Department of Transportation	2028	\$10,000.00	John Arambarri	Amanda Laib	208-334-8181	<a href="mailto:amanda.laib@itd.idaho.gov">amanda.laib@itd.idaho.gov</a>
Idaho Department of Transportation	2029	\$10,000.00	John Arambarri	Amanda Laib	208-334-8181	<a href="mailto:amanda.laib@itd.idaho.gov">amanda.laib@itd.idaho.gov</a>
Idaho Department of Transportation	2030	\$10,000.00	John Arambarri	Amanda Laib	208-334-8181	<a href="mailto:amanda.laib@itd.idaho.gov">amanda.laib@itd.idaho.gov</a>
Illinois Department of Transportation	2026	\$18,000.00	Brian Hill	John Senger	217-782-8582	<a href="mailto:John.Senger@Illinois.gov">John.Senger@Illinois.gov</a>
Illinois Department of Transportation	2027	\$18,000.00	Brian Hill	John Senger	217-782-8582	<a href="mailto:John.Senger@Illinois.gov">John.Senger@Illinois.gov</a>
Illinois Department of Transportation	2028	\$18,000.00	Brian Hill	John Senger	217-782-8582	<a href="mailto:John.Senger@Illinois.gov">John.Senger@Illinois.gov</a>
Illinois Department of Transportation	2029	\$18,000.00	Brian Hill	John Senger	217-782-8582	<a href="mailto:John.Senger@Illinois.gov">John.Senger@Illinois.gov</a>
Illinois Department of Transportation	2030	\$18,000.00	Brian Hill	John Senger	217-782-8582	<a href="mailto:John.Senger@Illinois.gov">John.Senger@Illinois.gov</a>
Indiana Department of Transportation	2026	\$10,000.00	Matt Beeson	Tommy Nantung	765-463-1521 ext 248	<a href="mailto:tnantung@indot.in.gov">tnantung@indot.in.gov</a>
Indiana Department of Transportation	2027	\$10,000.00	Matt Beeson	Tommy Nantung	765-463-1521 ext 248	<a href="mailto:tnantung@indot.in.gov">tnantung@indot.in.gov</a>
Indiana Department of Transportation	2028	\$10,000.00	Matt Beeson	Tommy Nantung	765-463-1521 ext 248	<a href="mailto:tnantung@indot.in.gov">tnantung@indot.in.gov</a>
Iowa Department of Transportation	2026	\$10,000.00	Brian Johnson	Transfer Research		<a href="mailto:Transfer.Research@iowadot.us">Transfer.Research@iowadot.us</a>
Iowa Department of Transportation	2027	\$10,000.00	Brian Johnson	Transfer Research		<a href="mailto:Transfer.Research@iowadot.us">Transfer.Research@iowadot.us</a>
Iowa Department of Transportation	2028	\$10,000.00	Brian Johnson	Transfer Research		<a href="mailto:Transfer.Research@iowadot.us">Transfer.Research@iowadot.us</a>
Iowa Department of Transportation	2029	\$10,000.00	Brian Johnson	Transfer Research		<a href="mailto:Transfer.Research@iowadot.us">Transfer.Research@iowadot.us</a>

Organization	Year	Commitments	Technical Contact Name	Funding Contact Name	Contact Number	Email Address
Iowa Department of Transportation	2030	\$10,000.00	Brian Johnson	Transfer Research		<a href="mailto:Transfer.Research@iowadot.us">Transfer.Research@iowadot.us</a>
Massachusetts Department of Transportation	2026	\$50,000.00	Hao Yin	Hao Yin	814-360-6988	<a href="mailto:hao.m.yin@dot.state.ma.us">hao.m.yin@dot.state.ma.us</a>
Massachusetts Department of Transportation	2027	\$100,000.00	Hao Yin	Hao Yin	814-360-6988	<a href="mailto:hao.m.yin@dot.state.ma.us">hao.m.yin@dot.state.ma.us</a>
Massachusetts Department of Transportation	2028	\$100,000.00	Hao Yin	Hao Yin	814-360-6988	<a href="mailto:hao.m.yin@dot.state.ma.us">hao.m.yin@dot.state.ma.us</a>
Massachusetts Department of Transportation	2029	\$100,000.00	Hao Yin	Hao Yin	814-360-6988	<a href="mailto:hao.m.yin@dot.state.ma.us">hao.m.yin@dot.state.ma.us</a>
Massachusetts Department of Transportation	2030	\$100,000.00	Hao Yin	Hao Yin	814-360-6988	<a href="mailto:hao.m.yin@dot.state.ma.us">hao.m.yin@dot.state.ma.us</a>
Massachusetts Department of Transportation	2031	\$100,000.00	Hao Yin	Hao Yin	814-360-6988	<a href="mailto:hao.m.yin@dot.state.ma.us">hao.m.yin@dot.state.ma.us</a>
Michigan Department of Transportation	2026	\$14,000.00	Michelle Miller	Andre' Clover	517-749-9001	<a href="mailto:clovera@michigan.gov">clovera@michigan.gov</a>
Michigan Department of Transportation	2027	\$14,000.00	Michelle Miller	Andre' Clover	517-749-9001	<a href="mailto:clovera@michigan.gov">clovera@michigan.gov</a>
Michigan Department of Transportation	2028	\$14,000.00	Michelle Miller	Andre' Clover	517-749-9001	<a href="mailto:clovera@michigan.gov">clovera@michigan.gov</a>
Michigan Department of Transportation	2029	\$14,000.00	Michelle Miller	Andre' Clover	517-749-9001	<a href="mailto:clovera@michigan.gov">clovera@michigan.gov</a>
Michigan Department of Transportation	2030	\$14,000.00	Michelle Miller	Andre' Clover	517-749-9001	<a href="mailto:clovera@michigan.gov">clovera@michigan.gov</a>
Minnesota Department of Transportation	2026	\$14,000.00	Eyoab Zegeye	Tina Skala		<a href="mailto:tina.skala@state.mn.us">tina.skala@state.mn.us</a>
Minnesota Department of Transportation	2027	\$14,000.00	Eyoab Zegeye	Tina Skala		<a href="mailto:tina.skala@state.mn.us">tina.skala@state.mn.us</a>
Minnesota Department of Transportation	2028	\$14,000.00	Eyoab Zegeye	Tina Skala		<a href="mailto:tina.skala@state.mn.us">tina.skala@state.mn.us</a>
Minnesota Department of Transportation	2029	\$14,000.00	Eyoab Zegeye	Tina Skala		<a href="mailto:tina.skala@state.mn.us">tina.skala@state.mn.us</a>
Minnesota Department of Transportation	2030	\$14,000.00	Eyoab Zegeye	Tina Skala		<a href="mailto:tina.skala@state.mn.us">tina.skala@state.mn.us</a>
Mississippi Department of Transportation	2026	\$200,000.00	Alex Middleton	Robert Vance		<a href="mailto:RVance@mdot.ms.gov">RVance@mdot.ms.gov</a>
Missouri Department of Transportation	2026	\$14,000.00	Jason Blomberg	Jennifer Harper	573-526-3636	<a href="mailto:Jennifer.Harper@modot.mo.gov">Jennifer.Harper@modot.mo.gov</a>
Missouri Department of Transportation	2027	\$14,000.00	Jason Blomberg	Jennifer Harper	573-526-3636	<a href="mailto:Jennifer.Harper@modot.mo.gov">Jennifer.Harper@modot.mo.gov</a>
Missouri Department of Transportation	2028	\$14,000.00	Jason Blomberg	Jennifer Harper	573-526-3636	<a href="mailto:Jennifer.Harper@modot.mo.gov">Jennifer.Harper@modot.mo.gov</a>
Missouri Department of Transportation	2029	\$14,000.00	Jason Blomberg	Jennifer Harper	573-526-3636	<a href="mailto:Jennifer.Harper@modot.mo.gov">Jennifer.Harper@modot.mo.gov</a>
Missouri Department of Transportation	2030	\$14,000.00	Jason Blomberg	Jennifer Harper	573-526-3636	<a href="mailto:Jennifer.Harper@modot.mo.gov">Jennifer.Harper@modot.mo.gov</a>
Montana Department of Transportation	2026	\$14,000.00	Matthew Needham	Tamuna Cullison		<a href="mailto:tcullison@mt.gov">tcullison@mt.gov</a>
Montana Department of Transportation	2027	\$14,000.00	Matthew Needham	Tamuna Cullison		<a href="mailto:tcullison@mt.gov">tcullison@mt.gov</a>
Montana Department of Transportation	2028	\$14,000.00	Matthew Needham	Tamuna Cullison		<a href="mailto:tcullison@mt.gov">tcullison@mt.gov</a>
Montana Department of Transportation	2029	\$14,000.00	Matthew Needham	Tamuna Cullison		<a href="mailto:tcullison@mt.gov">tcullison@mt.gov</a>

Organization	Year	Commitments	Technical Contact Name	Funding Contact Name	Contact Number	Email Address
Montana Department of Transportation	2030	\$14,000.00	Matthew Needham	Tamuna Cullison		<a href="mailto:tcullison@mt.gov">tcullison@mt.gov</a>
Nebraska Department of Transportation	2026	\$10,000.00	Robert Rea	Mark Fischer	(402) 479-3163	<a href="mailto:Mark.fischer@nebraska.gov">Mark.fischer@nebraska.gov</a>
Nevada Department of Transportation	2027	\$56,000.00	Nathan Morian	Lucy Koury	(775) 888-7223	<a href="mailto:lkoury@dot.nv.gov">lkoury@dot.nv.gov</a>
New Mexico Department of Transportation	2026	\$10,000.00	Can Chen	Angelo Armijo	(505)372-8757	<a href="mailto:Angelo.Armijo@dot.nm.gov">Angelo.Armijo@dot.nm.gov</a>
New York State Department of Transportation	2026	\$10,000.00	Thomas Kane	Gail Carpenter	518-457-8083	<a href="mailto:Gail.Carpenter@dot.ny.gov">Gail.Carpenter@dot.ny.gov</a>
New York State Department of Transportation	2027	\$10,000.00	Thomas Kane	Gail Carpenter	518-457-8083	<a href="mailto:Gail.Carpenter@dot.ny.gov">Gail.Carpenter@dot.ny.gov</a>
New York State Department of Transportation	2028	\$10,000.00	Thomas Kane	Gail Carpenter	518-457-8083	<a href="mailto:Gail.Carpenter@dot.ny.gov">Gail.Carpenter@dot.ny.gov</a>
New York State Department of Transportation	2029	\$10,000.00	Thomas Kane	Gail Carpenter	518-457-8083	<a href="mailto:Gail.Carpenter@dot.ny.gov">Gail.Carpenter@dot.ny.gov</a>
New York State Department of Transportation	2030	\$10,000.00	Thomas Kane	Gail Carpenter	518-457-8083	<a href="mailto:Gail.Carpenter@dot.ny.gov">Gail.Carpenter@dot.ny.gov</a>
North Carolina Department of Transportation	2027	\$14,000.00	Tony Collins	Curtis Bradley	919-707-6661	<a href="mailto:cbradley8@ncdot.gov">cbradley8@ncdot.gov</a>
North Carolina Department of Transportation	2028	\$14,000.00	Tony Collins	Curtis Bradley	919-707-6661	<a href="mailto:cbradley8@ncdot.gov">cbradley8@ncdot.gov</a>
North Carolina Department of Transportation	2029	\$14,000.00	Tony Collins	Curtis Bradley	919-707-6661	<a href="mailto:cbradley8@ncdot.gov">cbradley8@ncdot.gov</a>
North Carolina Department of Transportation	2030	\$14,000.00	Tony Collins	Curtis Bradley	919-707-6661	<a href="mailto:cbradley8@ncdot.gov">cbradley8@ncdot.gov</a>
North Carolina Department of Transportation	2031	\$14,000.00	Tony Collins	Curtis Bradley	919-707-6661	<a href="mailto:cbradley8@ncdot.gov">cbradley8@ncdot.gov</a>
North Dakota Department of Transportation	2026	\$10,000.00	Tyler Wollmuth	TJ Murphy	701-328-6910	<a href="mailto:tjmurphy@nd.gov">tjmurphy@nd.gov</a>
North Dakota Department of Transportation	2027	\$10,000.00	Tyler Wollmuth	TJ Murphy	701-328-6910	<a href="mailto:tjmurphy@nd.gov">tjmurphy@nd.gov</a>
North Dakota Department of Transportation	2028	\$10,000.00	Tyler Wollmuth	TJ Murphy	701-328-6910	<a href="mailto:tjmurphy@nd.gov">tjmurphy@nd.gov</a>
North Dakota Department of Transportation	2029	\$10,000.00	Tyler Wollmuth	TJ Murphy	701-328-6910	<a href="mailto:tjmurphy@nd.gov">tjmurphy@nd.gov</a>
North Dakota Department of Transportation	2030	\$10,000.00	Tyler Wollmuth	TJ Murphy	701-328-6910	<a href="mailto:tjmurphy@nd.gov">tjmurphy@nd.gov</a>
Ohio Department of Transportation	2026	\$14,000.00	Michelle Lucas	Eric Biehl	614-275-1380	<a href="mailto:eric.biehl@dot.ohio.gov">eric.biehl@dot.ohio.gov</a>
Ohio Department of Transportation	2027	\$14,000.00	Michelle Lucas	Eric Biehl	614-275-1380	<a href="mailto:eric.biehl@dot.ohio.gov">eric.biehl@dot.ohio.gov</a>
Ohio Department of Transportation	2028	\$14,000.00	Michelle Lucas	Eric Biehl	614-275-1380	<a href="mailto:eric.biehl@dot.ohio.gov">eric.biehl@dot.ohio.gov</a>
Ohio Department of Transportation	2029	\$14,000.00	Michelle Lucas	Eric Biehl	614-275-1380	<a href="mailto:eric.biehl@dot.ohio.gov">eric.biehl@dot.ohio.gov</a>
Ohio Department of Transportation	2030	\$14,000.00	Michelle Lucas	Eric Biehl	614-275-1380	<a href="mailto:eric.biehl@dot.ohio.gov">eric.biehl@dot.ohio.gov</a>
Oklahoma Transportation	2027	\$20,000.00	David Vivanco	Beckie Lyons		<a href="mailto:blyons@odot.org">blyons@odot.org</a>
South Carolina Department of Transportation	2026	\$25,000.00	Kimberly Lyons	Terry Swygert	803-737-6691	<a href="mailto:SwygertTL@scdot.org">SwygertTL@scdot.org</a>
South Carolina Department of Transportation	2027	\$25,000.00	Kimberly Lyons	Terry Swygert	803-737-6691	<a href="mailto:SwygertTL@scdot.org">SwygertTL@scdot.org</a>

Organization	Year	Commitments	Technical Contact Name	Funding Contact Name	Contact Number	Email Address
South Carolina Department of Transportation	2028	\$25,000.00	Kimberly Lyons	Terry Swygert	803-737-6691	<a href="mailto:SwygertTL@scdot.org">SwygertTL@scdot.org</a>
South Carolina Department of Transportation	2029	\$25,000.00	Kimberly Lyons	Terry Swygert	803-737-6691	<a href="mailto:SwygertTL@scdot.org">SwygertTL@scdot.org</a>
South Carolina Department of Transportation	2030	\$25,000.00	Kimberly Lyons	Terry Swygert	803-737-6691	<a href="mailto:SwygertTL@scdot.org">SwygertTL@scdot.org</a>
Tennessee Department of Transportation	2026	\$110,000.00	Derek Gaw	Stacy Carter		<a href="mailto:stacy.carter@tn.gov">stacy.carter@tn.gov</a>
Tennessee Department of Transportation	2027	\$10,000.00	Derek Gaw	Stacy Carter		<a href="mailto:stacy.carter@tn.gov">stacy.carter@tn.gov</a>
Tennessee Department of Transportation	2028	\$10,000.00	Derek Gaw	Stacy Carter		<a href="mailto:stacy.carter@tn.gov">stacy.carter@tn.gov</a>
Tennessee Department of Transportation	2029	\$10,000.00	Derek Gaw	Stacy Carter		<a href="mailto:stacy.carter@tn.gov">stacy.carter@tn.gov</a>
Tennessee Department of Transportation	2030	\$10,000.00	Derek Gaw	Stacy Carter		<a href="mailto:stacy.carter@tn.gov">stacy.carter@tn.gov</a>
Tennessee Department of Transportation	2031	\$10,000.00	Derek Gaw	Stacy Carter		<a href="mailto:stacy.carter@tn.gov">stacy.carter@tn.gov</a>
Texas Department of Transportation	2026	\$10,000.00	Gisel Carrasco	Ned Mattila	512-221-3450	<a href="mailto:ned.mattila@txdot.gov">ned.mattila@txdot.gov</a>
Texas Department of Transportation	2027	\$10,000.00	Gisel Carrasco	Ned Mattila	512-221-3450	<a href="mailto:ned.mattila@txdot.gov">ned.mattila@txdot.gov</a>
Texas Department of Transportation	2028	\$10,000.00	Gisel Carrasco	Ned Mattila	512-221-3450	<a href="mailto:ned.mattila@txdot.gov">ned.mattila@txdot.gov</a>
Texas Department of Transportation	2029	\$10,000.00	Gisel Carrasco	Ned Mattila	512-221-3450	<a href="mailto:ned.mattila@txdot.gov">ned.mattila@txdot.gov</a>
Texas Department of Transportation	2030	\$10,000.00	Gisel Carrasco	Ned Mattila	512-221-3450	<a href="mailto:ned.mattila@txdot.gov">ned.mattila@txdot.gov</a>
U.S. Virgin Islands Department of Public Works	2026	\$150,000.00	Jomo McClean	Jomo McClean	340-776-4844	<a href="mailto:jomo.mcclean@dpw.vi.gov">jomo.mcclean@dpw.vi.gov</a>
U.S. Virgin Islands Department of Public Works	2027	\$50,000.00	Jomo McClean	Jomo McClean	340-776-4844	<a href="mailto:jomo.mcclean@dpw.vi.gov">jomo.mcclean@dpw.vi.gov</a>
Vermont Agency of Transportation	2026	\$10,000.00	Aaron Schwartz	Emily Parkany	(802) 272-6862	<a href="mailto:Emily.Parkany@vermont.gov">Emily.Parkany@vermont.gov</a>
Vermont Agency of Transportation	2027	\$10,000.00	Aaron Schwartz	Emily Parkany	(802) 272-6862	<a href="mailto:Emily.Parkany@vermont.gov">Emily.Parkany@vermont.gov</a>
Vermont Agency of Transportation	2028	\$10,000.00	Aaron Schwartz	Emily Parkany	(802) 272-6862	<a href="mailto:Emily.Parkany@vermont.gov">Emily.Parkany@vermont.gov</a>
Vermont Agency of Transportation	2029	\$10,000.00	Aaron Schwartz	Emily Parkany	(802) 272-6862	<a href="mailto:Emily.Parkany@vermont.gov">Emily.Parkany@vermont.gov</a>
Vermont Agency of Transportation	2030	\$10,000.00	Aaron Schwartz	Emily Parkany	(802) 272-6862	<a href="mailto:Emily.Parkany@vermont.gov">Emily.Parkany@vermont.gov</a>
Virginia Department of Transportation	2026	\$14,000.00	Hari Nair	Bill Kelsh	434-293-1934	<a href="mailto:Bill.Kelsh@VDOT.Virginia.gov">Bill.Kelsh@VDOT.Virginia.gov</a>
Virginia Department of Transportation	2027	\$14,000.00	Hari Nair	Bill Kelsh	434-293-1934	<a href="mailto:Bill.Kelsh@VDOT.Virginia.gov">Bill.Kelsh@VDOT.Virginia.gov</a>
Virginia Department of Transportation	2028	\$14,000.00	Hari Nair	Bill Kelsh	434-293-1934	<a href="mailto:Bill.Kelsh@VDOT.Virginia.gov">Bill.Kelsh@VDOT.Virginia.gov</a>
Virginia Department of Transportation	2029	\$14,000.00	Hari Nair	Bill Kelsh	434-293-1934	<a href="mailto:Bill.Kelsh@VDOT.Virginia.gov">Bill.Kelsh@VDOT.Virginia.gov</a>
Virginia Department of Transportation	2030	\$14,000.00	Hari Nair	Bill Kelsh	434-293-1934	<a href="mailto:Bill.Kelsh@VDOT.Virginia.gov">Bill.Kelsh@VDOT.Virginia.gov</a>
West Virginia Department of Transportation	2026	\$14,000.00	Shawn Jack	David Chappell		<a href="mailto:david.c.chappell@wv.gov">david.c.chappell@wv.gov</a>

Organization	Year	Commitments	Technical Contact Name	Funding Contact Name	Contact Number	Email Address
West Virginia Department of Transportation	2027	\$14,000.00	Shawn Jack	David Chappell		<a href="mailto:david.c.chappell@wv.gov">david.c.chappell@wv.gov</a>
West Virginia Department of Transportation	2028	\$14,000.00	Shawn Jack	David Chappell		<a href="mailto:david.c.chappell@wv.gov">david.c.chappell@wv.gov</a>
West Virginia Department of Transportation	2029	\$14,000.00	Shawn Jack	David Chappell		<a href="mailto:david.c.chappell@wv.gov">david.c.chappell@wv.gov</a>
West Virginia Department of Transportation	2030	\$14,000.00	Shawn Jack	David Chappell		<a href="mailto:david.c.chappell@wv.gov">david.c.chappell@wv.gov</a>
West Virginia Department of Transportation	2031	\$14,000.00	Shawn Jack	David Chappell		<a href="mailto:david.c.chappell@wv.gov">david.c.chappell@wv.gov</a>
Wisconsin Department of Transportation	2026	\$10,000.00	Daniel Kopacz	Evelyn Bromberg	608-267-7360	<a href="mailto:evelyn.bromberg@dot.wi.gov">evelyn.bromberg@dot.wi.gov</a>

## Study Description

### Study Description

As owners and operators of the nation's surface transportation infrastructure, state departments of transportation (DOTs) are striving to design and build longer-lasting and more cost-effective asphalt pavements that meet a higher level of sustainability, safety, and user satisfaction for the public. To achieve this goal, state DOTs continue to seek and adopt innovative technologies and optimized practices for designing, constructing, and preserving asphalt pavements. These innovative technologies and practices are often developed from collaborative research efforts supported by state DOTs, the Federal Highway Administration (FHWA), and industry.

The Consortium for Asphalt Pavement Research and Implementation (CAPRI) is a voluntary consortium of flexible pavement stakeholders open to all state, local, and federal highway agencies, industry associations, individual companies, academic institutions, and research organizations. With the momentum that has been built over the past 4 years with the first CAPRI, stakeholders wish to continue the mission through a second solicitation of CAPRI (e.g., CAPRI-2) study. CAPRI-2 will continue to identify and address national priority research and implementation needs for asphalt pavements that state DOTs face today and will in the future. This second study will also aim to foster the development of practical innovations and practices.

### Objectives

The primary objectives of the study are: (1.) to provide technical guidance on current and evolving specifications for asphalt materials; (2) to develop asphalt pavement research needs; (3.) to conduct small-scale studies to address knowledge gaps or explore new topics, and (4.) to foster the implementation of practical research findings to help improve the performance, sustainability, value, and safety of asphalt pavements. CAPRI serves as a key resource to the AASHTO Committee on Materials and Pavements, state DOTs, FHWA, and industry.

### Scope of Work

Activities related to CAPRI goals will be developed through semi-annual meetings rotated among participating organizations. CAPRI meetings serve as a forum to facilitate knowledge sharing among participants. Outcomes of CAPRI meetings include technical guidance articles on high-profile issues, and research needs statements (RNSs) that are made public through the CAPRI website.

CAPRI meetings include presentations on research of national significance and facilitated discussions to cover steps and resources needed to overcome obstacles in the way of implementation. Participation in CAPRI meetings naturally fosters technology transfer and networking among stakeholders to aid in the advancement of asphalt pavement performance and lower life cycle costs.

**Forum for Stakeholder Engagement:** CAPRI meetings provide a needed forum for discussion and consensus-building on issues with current asphalt-related standards. Open discussions and sharing of information facilitate the communication of concerns and potential solutions, which, with collaboration and recognized champions, help move standards and practices forward to ultimately improve pavements.

**Developing Research Needs:** CAPRI meetings build consensus on short-term and long-term research needs and priorities and identify the appropriate source(s) of funding for specific projects. Sources of funding may include NCHRP, FHWA, pooled fund projects supported by several state DOTs (such as the Test Track and MnROAD experiments), allied organizations (e.g. American Trucking Association), and individual companies and agencies. Some needs may be addressed with small-scale studies funded directly by CAPRI.

**Small-Scale Research Studies:** Selected and prioritized short-term research studies are funded through CAPRI to address gaps or missing steps in the path to implementation, gather additional information needed to assess the magnitude of perceived problems, and/or explore new technologies. This may include studies to synthesize current practices, case studies, interlaboratory studies, limited-scope laboratory experiments, or other research studies as directed by the consortium. CAPRI has established processes to select and execute small-scale research studies.

**Fostering Implementation:** The consortium works to facilitate the deployment of research findings through activities such as workshops, refining, and shepherding standards, demonstration project assistance, etc. A portion of the funding for CAPRI is budgeted for implementation activities selected by the consortium.

### Comments

As with the current CAPRI pooled-fund project, the Alabama Department of Transportation will host CAPRI-2. The National Center for Asphalt Technology (NCAT) at Auburn University manages the consortium in accordance with CAPRI bylaws, including consortium accounting, budgeting, soliciting participants, coordinating CAPRI meeting arrangements, travel reimbursements, managing the CAPRI website, preparing progress reports, and subcontracting studies and deployment activities to outside organizations.

Funding for CAPRI comes from all participating organizations and utilizes two accounting processes. Participating public agencies may utilize the Transportation Pooled Fund process by contributing the base funding of \$10,000 per year. Travel for one agency representative to participate in semi-annual meetings will be reimbursed from the pooled fund account. Agencies may have additional non-voting representatives participate in the semi-annual meetings at an additional \$4,000 per person per year.

Agencies may also contribute additional funds, beyond the base contribution, for other specific research, training, and implementation activities that meet their needs. These activities may be funded and overseen by an individual state or a group of states that have the same needs.

The second, parallel accounting process, managed through Auburn University, handles funds from non-agency organizations and academic institutions. Annual dues for non-public organizations are \$6,000 per year. Each participating organization has a single voting representative. Travel expenses for non-public organization participants are NOT reimbursed through CAPRI.

Website for additional information: [www.capriasphalt.us](http://www.capriasphalt.us)

**Subjects:** Pavement Design, Management, and Performance

#### Documents

Title	File/Link	Type	Private
Quarterly Report January - March 2026	CAPRI TPF-5(561) QPR Jan-Mar 2026.pdf	Progress Report	Public
TPF-5(561) / 931-952P Letter of Direction_12.30.2025	Ltr of Direction_TPF-5(561)_931-952P_12.30.2025.pdf	Memorandum	Public
Acceptance Letter for TPF-5(561)/931-952P	TPF-5(561)_931-952P_CAPRI-2 Acceptance Letter.pdf	Memorandum	Public

#### Solicitation Documents

Title	File/Link	Type	Private
SPR Match Waiver Memorandum	SPR Match Waiver Approval Memorandum #1642.pdf	Memorandum	Public