



Kaye 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

March 14, 2024

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

Subject: Transportation Pooled Fund Project TPF-5(465)/ALDOT Research Project
931-934P,
"Consortium for Asphalt Pavement Research and Implementation (CAPRI)"
Letter of Direction – Revised/Updated (No. 4)

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 under the Supplemental Agreement (#18-01317.1) with the National Center for Asphalt Technology. The supplemental agreement was approved by the Governor on November 16, 2020.

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 deviations 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; (334) 353-6940) - Alabama DOT (*Lead State*)
Mr. Michael Stanford (Michael.stanford@state.co.us; (303) 398-6576) – Colorado DOT
Mr. David Mensching (David.mensching@dot.gov; (202) 493-3232) - FHWA
Ms. Kristy Harris (kristy.harris@dot.gov; (334) 274-6361) – ALDOT FHWA Liaison
Mr. Howard Moseley (howard.moseley@dot.state.fl.us; (352) 955-2905) – Florida DOT
Mr. Peter Wu (peter.wu@dot.ga.gov; (404) 608-4810) – Georgia DOT
Mr. Mung Fa Chung (mungfa.chung@hawaii.gov; (808) 832-3405) – Hawaii DOT
Mr. Mike Copeland (mike.copeland@itd.idaho.gov; (208) 334-8000) – Idaho DOT
Mr. Matt Beeson (mbeeson@indot.in.gov; (317) 522-9662) – Indiana DOT

Mr. Robert Semones (Robert.semones@ky.gov, (502) 564-3160) – Kentucky
Transportation Cabinet
Mr. Casey Nash (casey.b.nash@maine.gov); (207) 592-7372 – Maine DOT
Mr. Kevin Kennedy (kennedyK@michigan.gov; (517) 749-9067) – Michigan DOT
Mr. Griffin Sullivan (wsullivan@mdot.ms.gov; (601) 359-1798) – Mississippi DOT
Mr. John Donahue (john.donahue@modot.mo.gov; (573) 526-3636) – Missouri DOT
Mr. Robert Rea (Robert.rea@nebraska.gov; (402) 479-3163) – Nebraska DOT
Mr. Hao Yin (Hao.Uin@dot.nm.gov; (505) 412-9553) – New Mexico DOT
Mr. Thomas Kane (thomas.kane@dot.ny.gov; (518) 457-4445) – New York State DOT
Mr. Andrew Wargo (adwargo@ncdot.gov; (919) 329-4017) – North Carolina DOT
Mr. Tyler Wollmuth (twollmuth@nd.gov; (701) 328-2500) – North Dakota DOT
Mr. Eric Biehl (eric.biehl@dot.ohio.gov; (614) 275-1380) – Ohio DOT
Mr. David Vivanco (dvivanco@odot.org; (405) 522-4986) – Oklahoma DOT
Mr. Tim Ramirez (tramirez@pa.gov; (717) 787-4250) – Pennsylvania DOT
Mr. Miguel Estrella Colon (mEstrella@dtop.pr.gov; (787) 721-8787) – Puerto Rico
Highway Transportation Authority
Mr. Cliff Selkinghaus (selkinghcb@scdot.org; (803) 737-6700) – South Carolina DOT
Mr. Merrill Zwanka (zwankaME@scdot.org; (803) 737-6681) – South Carolina DOT
Ms. Heather Hall (Heather.Purd.Hall@tn.gov; (615) 350-4100) – Tennessee DOT
Mr. Travis Patton (travis.patton@txdot.gov; (512) 416-4727) – Texas DOT
Mr. Robert Crandol (Robert.crandol@vdot.virginia.gov; (804) 786-0870) – Virginia DOT
Mr. Christopher Lundgreen (lundgrc@wsdot.wa.gov; (564) 669-1906) – Washington
DOT
Mr. Daniel Kopacz (Daniel.kopacz@dot.wi.gov; (608) 266-3581) – Wisconsin DOT

As of March 7, 2024, the amount of funds received from the participating states and FHWA total \$2,159,500.00. These funds are from the committed pledges (total \$2,461,500.00) made by the participating states and FHWA on the Transportation Pooled Fund (TPF) Website. These commitments were made to this project under TPF project number TPF-5(465) 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 report as of March 7, 2024, is attached. Please note very carefully that no work should ever be performed for any partner under 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.

The scheduled completion date of this project is December 31, 2025. This 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 931-934P in our research series, and TPF-5(465) on the TPF website (www.pooledfund.org).

ALDOT will not be responsible for delayed invoice payments if the project is not invoiced at least once within every 4-month period. The project must have at least one charge invoiced per every 4 months. The Bureau of Research and Development will process all invoices for this project. Accompanying each invoice should be a report from the researcher stating the work that was performed for each state for that billing period. The final invoice should be received within 30 days of the project's completion date and should not include charges beyond the final invoice date. This procedure will allow proper ALDOT reimbursement for expenses not utilized for each study partner in accordance with federal guidelines.

Upon completion of the work for each partner, the researcher should prepare a summary of the work performed and send it to the Bureau of Research and Development (ATTN.: Ms. Kidada C. Dixon, P.E.) and the appropriate TAC representative. In addition, quarterly reports are to be submitted to the Bureau of Research and Development by the 7th of each January, April, July and October. A final report including implementation recommendations is required at the project's end.

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.

Sincerely,



Kidada C. Dixon, P.E.

State Research and Development Engineer & ALDOT Research Advisory Committee Chair

KCD/

Attachments:

Contribution Spreadsheet as of March 7, 2024

TPF Website - Participating Partner(s) (Extracted) Commitment Summary

- c: Dr. Randy West, National Center for Asphalt Technology
Ms. Anita Robinson, National Center for Asphalt Technology
Technical Advisory Committee (via TPF website)
Mr. Andre' Jenkins, Sr.- ALDOT Funding Contact
Mr. Jimmy Carroll, ALDOT, Bureau of Office Engineer
Ms. Teresa Smith, ALDOT, Bureau of Office Engineer
Ms. Kristy Harris - FHWA Liaison
Mr. Aaron Dawson – FHWA, Planning and Program Manager
Ms. Kadian Hollenquest – FHWA, Financial Manager
File (#931-934P)

TPF-5(465)/ALDOT Research Project 931-934P

"Consortium for Asphalt Pavement Research and Implementation"

ALDOT Processed "Actual" Funding Report

| State | Contributions | | | | |
|------------------------------------|----------------------|----------------------|----------------------|---------------|------------------------|
| | FY 2021 | FY 2022 | FY 2023 | FY 2024 | Total |
| Alabama DOT | \$ 50,000.00 | \$ 52,000.00 | - | - | \$ 102,000.00 |
| Colorado DOT | \$ 10,000.00 | \$ 10,000.00 | \$ 10,000.00 | \$ 10,000.00 | \$ 40,000.00 |
| FHWA | - | \$ 12,000.00 | - | - | \$ 12,000.00 |
| Florida DOT | \$ 10,000.00 | \$ 10,000.00 | \$ 10,000.00 | - | \$ 30,000.00 |
| Georgia DOT | \$ 10,000.00 | \$ 10,000.00 | \$ 10,000.00 | - | \$ 30,000.00 |
| Hawaii | - | \$ - | \$ 10,000.00 | - | \$ 10,000.00 |
| Idaho DOT | \$ 50,000.00 | - | - | - | \$ 50,000.00 |
| Indiana DOT | - | - | - | - | \$ - |
| Kentucky Transportation Cabinet | \$ 20,000.00 | \$ 20,000.00 | - | \$ 230,000.00 | \$ 270,000.00 |
| Maine DOT | - | - | - | - | \$ - |
| Michigan DOT | - | - | \$ 10,000.00 | \$ 10,000.00 | \$ 20,000.00 |
| Mississippi DOT | \$ 300,000.00 | \$ 50,000.00 | - | - | \$ 350,000.00 |
| Missouri DOT | \$ 14,000.00 | \$ 14,000.00 | \$ 14,000.00 | \$ 14,000.00 | \$ 56,000.00 |
| Nebraska DOT | - | \$ 10,000.00 | \$ 10,000.00 | - | \$ 20,000.00 |
| New Mexico DOT | - | - | \$ 160,000.00 | \$ 10,000.00 | \$ 170,000.00 |
| New York State DOT | \$ 10,000.00 | \$ 10,000.00 | \$ 10,000.00 | \$ 10,000.00 | \$ 40,000.00 |
| North Carolina DOT | \$ 14,000.00 | \$ 14,000.00 | - | \$ 14,000.00 | \$ 42,000.00 |
| North Dakota DOT | - | \$ 10,000.00 | \$ 310,000.00 | \$ 10,000.00 | \$ 330,000.00 |
| Ohio DOT | \$ 10,000.00 | \$ 10,000.00 | \$ 14,000.00 | \$ 14,000.00 | \$ 48,000.00 |
| Oklahoma DOT | - | \$ 10,000.00 | \$ 10,000.00 | - | \$ 20,000.00 |
| Pennsylvania DOT | \$ 18,000.00 | \$ 18,000.00 | \$ 18,000.00 | - | \$ 54,000.00 |
| Puerto Rico Highway Authority | - | \$ 160,000.00 | - | - | \$ 160,000.00 |
| South Carolina DOT | \$ 20,000.00 | \$ 107,500.00 | \$ 20,000.00 | \$ 20,000.00 | \$ 167,500.00 |
| Tennessee DOT | \$ 10,000.00 | \$ 10,000.00 | \$ 10,000.00 | - | \$ 30,000.00 |
| Texas DOT | - | - | \$ 30,000.00 | - | \$ 30,000.00 |
| Virginia DOT | - | - | \$ 28,000.00 | - | \$ 28,000.00 |
| Washington DOT | - | - | - | \$ 10,000.00 | \$ 10,000.00 |
| Wisconsin DOT | \$ 10,000.00 | \$ 20,000.00 | - | \$ 10,000.00 | \$ 40,000.00 |
| | | | | | |
| Grand Total* | \$ 556,000.00 | \$ 557,500.00 | \$ 684,000.00 | | \$ 2,159,500.00 |

Notes: *The Grand Total noted above reflects the amount of funds received for the study as of 3/7/2024. Expenses charged against each state and FHWA for work performed is not reflected in this table.

3/14/2024

Transportation Pooled Fund - Commit Funds

Home > Studies > Commitment Details View

Commitment Details View

 Print

Below is a list of Study Partners and their commitments.

Study

Study Number: [TPF-5\(465\)](#)
Title: Consortium for Asphalt Pavement Research and Implementation (CAPRI)

Commitment

Total Required: \$300,000.00
Total Received: \$2,461,500.00

Study Partner: Alabama Department of Transportation
Partner Funding Contact: Kidada Dixon (dixonk@dot.state.al.us)
Phone:(334.353.6940)
Partner Technical Contact: Kidada Dixon (dixonk@dot.state.al.us)
Phone:(334.353.6940)

Partner Comments:

| Year | Commitments |
|------|-------------|
| 2021 | \$10,000 |
| 2022 | \$23,000 |
| 2023 | \$23,000 |
| 2024 | \$23,000 |
| 2025 | \$23,000 |

Study Partner: Colorado Department of Transportation
Partner Funding Contact: David Reeves (david.reeves@state.co.us)
Phone:(303-757-9518)
Partner Technical Contact: Michael Stanford (michael.stanford@state.co.us)
Phone:(303-398-6576)

Partner Comments:

| Year | Commitments |
|------|-------------|
| 2021 | \$10,000 |
| 2022 | \$10,000 |
| 2023 | \$10,000 |
| 2024 | \$10,000 |
| 2025 | \$10,000 |

Study Partner: Federal Highway Administration
Partner Funding Contact: David Mensching (david.mensching@dot.gov)
Phone:(2024933232)
Partner Technical Contact: David Mensching (david.mensching@dot.gov)
Phone:(2024933232)

Partner Comments:

| Year | Commitments |
|-------------|--------------------|
| 2022 | \$6,000 |

Study Partner:

Florida Department of Transportation

Partner Funding Contact:

Jennifer Clark (jennifer.clark@dot.state.fl.us)
Phone:(850-414-4614)

Partner Technical Contact:

Howard Moseley (howard.moseley@dot.state.fl.us)
Phone:((352) 955-2905)

Partner Comments:

| Year | Commitments |
|-------------|--------------------|
| 2021 | \$10,000 |
| 2022 | \$10,000 |
| 2023 | \$10,000 |
| 2024 | \$10,000 |
| 2025 | \$10,000 |

Study Partner:

Georgia Department of Transportation

Partner Funding Contact:

Brennan Roney (broney@dot.ga.gov)
Phone:(404-347-0595)

Partner Technical Contact:

Peter Wu (peter.wu@dot.state.ga.us)
Phone:(404- 363-7521)

Partner Comments:

| Year | Commitments |
|-------------|--------------------|
| 2021 | \$10,000 |
| 2022 | \$10,000 |
| 2023 | \$10,000 |
| 2024 | \$10,000 |
| 2025 | \$10,000 |

Study Partner:

Hawaii Department of Transportation

Partner Funding Contact:

Christine Yamasaki (christine.yamasaki@hawaii.gov)
Phone:((808)587-2226)

Partner Technical Contact:

Mung Fa Chung (mungfa.chung@hawaii.gov)

Partner Comments:

| Year | Commitments |
|-------------|--------------------|
| 2022 | \$10,000 |
| 2023 | \$10,000 |
| 2024 | \$10,000 |
| 2025 | \$10,000 |

Study Partner:

Idaho Department of Transportation

Partner Funding Contact:

Ned Parrish (ned.parrish@itd.idaho.gov)
Phone:(208-334-8296)

Partner Technical Contact:

Mike Copeland (michael.copeland@itd.idaho.gov)
Phone:((208) 334-8446)

Partner Comments:

| Year | Commitments |
|------|-------------|
| 2021 | \$50,000 |

Study Partner:

Indiana Department of Transportation

Partner Funding Contact:

Tommy Nantung (tnantung@indot.in.gov)
Phone:(765-463-1521 ext 248)

Partner Technical Contact:

Matt Beeson (mbeeson@indot.in.gov)
Phone:(317-522-9662)

Partner Comments:

| Year | Commitments |
|------|-------------|
| 2022 | \$10,000 |
| 2023 | \$10,000 |

Study Partner:

Kentucky Transportation Cabinet

Partner Funding Contact:

Jarrold Stanley (jarrod.stanley@ky.gov)
Phone:((502) 782-4090)

Partner Technical Contact:

Robert Semones (Robert.semones@ky.gov)

Partner Comments:

| Year | Commitments |
|------|-------------|
| 2021 | \$10,000 |
| 2022 | \$10,000 |
| 2023 | \$10,000 |
| 2024 | \$10,000 |

Study Partner:

Maine Department of Transportation

Partner Funding Contact:

Jeffrey Pulver (Jeffrey.Pulver@maine.gov)

Partner Technical Contact:

Casey Nash (Casey.B.Nash@maine.gov)
Phone:(2075927372)

Partner Comments:

MaineDOT is pleased to join this project. We are adding Casey Nash as our technical contact. Casey is a Transportation Engineer III at MaineDOT in our Materials Testing & Exploration program. He is one of the top pavement experts in the state of Maine. If possible, we would like him to be a voting member. If that is not possible at this project stage, then we are still happy to be involved. Thank you, Jeff Pulver

| Year | Commitments |
|------|-------------|
| 2024 | \$10,000 |
| 2025 | \$10,000 |

Study Partner:

Michigan Department of Transportation

Partner Funding Contact:

Andre' Clover (clovera@michigan.gov)
Phone:(517-749-9001)

Partner Technical Contact:

Kevin Kennedy (kennedyk@michigan.gov)
Phone:(517-322-6043)

Partner Comments:

| Year | Commitments |
|------|-------------|
| 2023 | \$10,000 |
| 2024 | \$10,000 |
| 2025 | \$10,000 |

Study Partner: Mississippi Department of Transportation

Partner Funding Contact: Robert Vance (RVance@mdot.ms.gov)

Partner Technical Contact: Griffin Sullivan (wsullivan@mdot.ms.gov)

Partner Comments:

| Year | Commitments |
|------|-------------|
| 2021 | \$350,000 |

Study Partner: Missouri Department of Transportation

Partner Funding Contact: Jennifer Harper (Jennifer.Harper@modot.mo.gov)
Phone:(573-526-3636)

Partner Technical Contact: Jacob Graessle (Jacob.graessle@modot.mo.gov)
Phone:((573) 526-4332)

Partner Comments:

| Year | Commitments |
|------|-------------|
| 2021 | \$14,000 |
| 2022 | \$14,000 |
| 2023 | \$14,000 |
| 2024 | \$14,000 |

Study Partner: Nebraska Department of Transportation

Partner Funding Contact: Mark Fischer (Mark.fischer@nebraska.gov)
Phone:((402) 479-3163)

Partner Technical Contact: Robert Rea (rrea@dor.state.ne.us)
Phone:(402-479-4667)

Partner Comments:

| Year | Commitments |
|------|-------------|
| 2022 | \$10,000 |
| 2023 | \$10,000 |
| 2024 | \$10,000 |

Study Partner: Nevada Department of Transportation

Partner Funding Contact:

Partner Technical Contact:

Partner Comments:

| Year | Commitments |
|------|-------------|
|------|-------------|

Study Partner: New Mexico Department of Transportation

Partner Funding Contact: Angelo Armijo (Angelo.Armijo@dot.nm.gov)
Phone:((505)372-8757)

Partner Technical Contact:

Kelly Montoya (Kelly.Montoya@dot.nm.gov)
Phone:(505-795-5001)

Partner Comments:

| Year | Commitments |
|------|-------------|
| 2023 | \$160,000 |
| 2024 | \$10,000 |

Study Partner:

New York State Department of Transportation

Partner Funding Contact:

Gail Carpenter (Gail.Carpenter@dot.ny.gov)
Phone:(518-457-8083)

Partner Technical Contact:

Thomas Kane (thomas.kane@dot.ny.gov)
Phone:(518-457-4287)

Partner Comments:

| Year | Commitments |
|------|-------------|
| 2021 | \$10,000 |
| 2022 | \$10,000 |
| 2023 | \$10,000 |
| 2024 | \$10,000 |
| 2025 | \$10,000 |

Study Partner:

North Carolina Department of Transportation

Partner Funding Contact:

Curtis Bradley (cbradley8@ncdot.gov)
Phone:(919-707-6664)

Partner Technical Contact:

Andrew Wargo (adwargo@ncdot.gov)
Phone:(919-329-4017)

Partner Comments:

Andrew Wargo will be the voting member of this panel. We also like to include Matt Hilderbran as an additional TAC member and have set funding do do so: mrhilderbran@ncdot.gov

| Year | Commitments |
|------|-------------|
| 2021 | \$14,000 |
| 2022 | \$14,000 |
| 2023 | \$14,000 |
| 2024 | \$14,000 |
| 2025 | \$14,000 |

Study Partner:

North Dakota Department of Transportation

Partner Funding Contact:

TJ Murphy (tjmurphy@nd.gov)
Phone:(701-328-6910)

Partner Technical Contact:

Tyler Wollmuth (twollmuth@nd.gov)

Partner Comments:

Additional funding contributed in 2023 is to support the research project titled "Implementation of Balanced Mix Design (BMD) Specifications in North Dakota" that will be conducted by the National Center for Asphalt Technology at Auburn University.

| Year | Commitments |
|------|-------------|
| 2022 | \$10,000 |
| 2023 | \$560,000 |
| 2024 | \$10,000 |
| 2025 | \$10,000 |

Study Partner:

Ohio Department of Transportation

Partner Funding Contact:

Jill Martindale (jacquelin.martindale@dot.ohio.gov)
Phone:(6146448173)

Partner Technical Contact:

Eric Biehl (eric.biehl@dot.ohio.gov)
Phone:(614-275-1380)

Partner Comments:

| Year | Commitments |
|------|-------------|
| 2021 | \$10,000 |
| 2022 | \$10,000 |
| 2023 | \$14,000 |
| 2024 | \$14,000 |
| 2025 | \$14,000 |

Study Partner:

Oklahoma Transportation

Partner Funding Contact:

Ron Curb (rcurb@odot.org)
Phone:((405)414-7740)

Partner Technical Contact:

David Vivanco (dvivanco@odot.org)

Partner Comments:

| Year | Commitments |
|------|-------------|
| 2022 | \$10,000 |
| 2023 | \$10,000 |
| 2024 | \$20,000 |
| 2025 | \$10,000 |

Study Partner:

Pennsylvania Department of Transportation

Partner Funding Contact:

Evan Zeiders (evzeiders@pa.gov)
Phone:(717-787-8460)

Partner Technical Contact:

Tim Ramirez (tramirez@pa.gov)
Phone:(717-783-6602)

Partner Comments:

PennDOT Representatives: 1. Timothy Ramirez – Technical Advisor (Voting Member) - TRAMIREZ@pa.gov 2. Lydia Peddicord – Non-Voting Member - lpeddricord@pa.gov 3. Halley Cole– Non-Voting Member - halcole@pa.gov

| Year | Commitments |
|------|-------------|
| 2021 | \$18,000 |
| 2022 | \$18,000 |
| 2023 | \$18,000 |

Study Partner:

Puerto Rico Highway and Transportation Authority

Partner Funding Contact:

Miguel Estrella Colón (mEstrella@dtop.pr.gov)

Partner Technical Contact:

Miguel Estrella Colón (mEstrella@dtop.pr.gov)

Partner Comments:

| Year | Commitments |
|------|-------------|
| 2022 | \$100,000 |
| 2023 | \$60,000 |

Study Partner:

South Carolina Department of Transportation

Partner Funding Contact:

Terry Swygert (SwygertTL@scdot.org)
Phone:(803-737-6691)

Partner Technical Contact:

Merrill Zwanka (ZwankaME@scdot.org)
Phone:(803-737-6681)

Partner Comments:

| Year | Commitments |
|------|-------------|
| 2021 | \$20,000 |
| 2022 | \$107,500 |
| 2023 | \$20,000 |
| 2024 | \$20,000 |
| 2025 | \$20,000 |

Study Partner:

Tennessee Department of Transportation

Partner Funding Contact:

Pawel Polaczyk (Pawel.Polaczyk@tn.gov)
Phone:(615-741-3439)

Partner Technical Contact:

Heather Hall (Heather.Purdy.Hall@tn.gov)

Partner Comments:

| Year | Commitments |
|------|-------------|
| 2021 | \$10,000 |
| 2022 | \$10,000 |
| 2023 | \$10,000 |
| 2024 | \$10,000 |
| 2025 | \$10,000 |

Study Partner:

Texas Department of Transportation

Partner Funding Contact:

Ned Mattila (ned.mattila@txdot.gov)
Phone:(512-416-4727)

Partner Technical Contact:

Travis Patton (travis.patton@txdot.gov)

Partner Comments:

| Year | Commitments |
|------|-------------|
| 2021 | \$10,000 |
| 2022 | \$10,000 |
| 2023 | \$10,000 |
| 2024 | \$10,000 |
| 2025 | \$10,000 |

Study Partner:

U.S. Virgin Islands Department of Public Works

Partner Funding Contact:

Partner Technical Contact:

Partner Comments:

| Year | Commitments |
|------|-------------|
|------|-------------|

Study Partner:

Virginia Department of Transportation

Partner Funding Contact:

Bill Kelsh (Bill.Kelsh@VDOT.Virginia.gov)
Phone:(434-293-1934)

Partner Technical Contact:

Angela Beyke (Angela.Beyke@vdot.virginia.gov)

Partner Comments:

| Year | Commitments |
|------|-------------|
| 2023 | \$14,000 |

Study Partner:

Washington State Department of Transportation

Partner Funding Contact:

Mustafa Mohamedali (MOHAMED@wsdot.wa.gov)
Phone:(360-704-6307)

Partner Technical Contact:

Christopher Lundgreen (LundgrC@wsdot.wa.gov)
Phone:(564-669-1906)

Partner Comments:

| Year | Commitments |
|------|-------------|
| 2024 | \$10,000 |
| 2025 | \$10,000 |

Study Partner:

Wisconsin Department of Transportation

Partner Funding Contact:

Evelyn Bromberg (evelyn.bromberg@dot.wi.gov)
Phone:(608-267-7360)

Partner Technical Contact:

Daniel Kopacz (Daniel.Kopacz@dot.wi.gov)
Phone:(608 215-7628)

Partner Comments:

| Year | Commitments |
|------|-------------|
| 2021 | \$10,000 |
| 2022 | \$10,000 |
| 2023 | \$10,000 |
| 2024 | \$10,000 |

No Thanks

Currently there are no records of agencies declining participation in this study.

Considering Agencies

Currently there are no records of agencies considering participation in this study.