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Quarterly Update

June 2024

Welcome to the Transportation Pooled Fund (TPF) Quarterly Update. This update shares the latest information on the TPF Program including highlights, resources, announcements, open solicitations, and active studies. The TPF Program enables public and private entities to combine resources to address transportation-related challenges and advance solutions that stimulate economic growth, advance equity, and improve climate resilience.



New TPF Resources

See [the latest TPF resources](#) below:

- [Fiscal Year 2024 Fund Transfer Request \(as of 05_28_2024\)](#)
- [New Success Story! Research Successes in Pedestrian and Bicycle Research](#)
- [New Success Story! TPF Enterprise Success Story](#)
- [Your Role in the TPF Program](#)



Open Solicitations

Below is a list of [open and active TPF solicitations](#) by research topic area. Learn more about any of these opportunities by clicking on the solicitation's number and learn how you can become the TPF study's research partner.

Subject Area	Number	Title	Lead Agency
Bridges, Other Structures, Hydraulics, and Hydrology	<u>1597</u>	Human-centered Steel Bridge Inspection enabled by Augmented Reality and Artificial Intelligence	Kansas Department of Transportation
	<u>1608</u>	Passive Force Behavior for Skewed Bridge Abutments During Combined Lateral and Rotational Loading	Utah Department of Transportation
Energy and Environment	<u>1594</u>	Post-Wildfire Debris Flow	Colorado Department of Transportation
Operations, ITS	<u>1615</u>	Vehicle to Everything (V2X) Pooled Fund Study	Georgia Department of Transportation
	<u>1617</u>	Aurora Program (FY25-FY29)	Iowa Department of Transportation
	<u>1618</u>	Smart Work Zone Deployment (FY25-FY29)	Iowa Department of Transportation
Maintenance	<u>1562</u>	Development of a Winter Maintenance Decision Support System (Phase 3)	South Dakota Department of Transportation
Materials and Construction	<u>1605</u>	Improving the Quality of Highway Profile Measurement	Illinois Department of Transportation
	<u>1610</u>	Phase II: Continuous Asphalt Mixture Compaction Assessment using Density Profiling System (DPS)	Minnesota Department of Transportation
	<u>1616</u>	Recycled Materials Resource Center - 5th Generation	Iowa Department of Transportation
	<u>1619</u>	Technology Transfer Concrete Consortium (FY25-FY29)	Iowa Department of Transportation
Safety and Human Performance	<u>1550</u>	A Multi-State Effort to Develop a Customizable Roadway Safety Management System	Connecticut Department of Transportation
	<u>1612</u>	Designing Transportation Infrastructure for Electric Vehicles	Texas Department of Transportation
Research and Performance Measures	<u>1606</u>	Ahead of the Curve – Migration from NCHRP to AASHTO Technical Training Solutions (TTS)	Louisiana Department of Transportation
	<u>1607</u>	Mobility Analysis and System Transportation Efficiency Research (MASTER)	Minnesota Department of Transportation
	<u>1614</u>	Establishment of a Public-Private Transportation Data Exchange Center	Missouri Department of Transportation



Active Studies

Currently, there are [a number active TPF studies](#) led by public and private entities across the country. They range from studies on ecology, safety, and construction materials. Each active study includes contact information for those leading the study, a financial summary, a study description, as well as relevant documentation.

[Browse active studies.](#)



TPF Excellence Awards Winners to be Announced

- Thank you to all who submitted nominations for the TPF Excellence Awards!
- The 2024 call for nominations included many competitive research studies from across the country. Nominations featured the exceptional work done ranging from low-cost safety innovations to transformational ITS solutions.
- Look for the announcement of the winners on July 23 on the [FHWA Research and Technology website](#) and in your next TPF Quarterly Update email!