



## WisDOT Division of Budget and Strategic Initiatives Research & Library Services – FFY 2021 Pooled Funds

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Project Number	Title	FFY 2021 Funding	WisDOT Technical Representative	Lead Agency
TPF-5(176)	Traffic Analysis and Simulation	N/A	Vicki Haskell, DTSD	FHWA
TPF-5(183)	Improving the Foundation Layers for Concrete Pavements	N/A	Jeff Horsfall, DTSD	Iowa
TPF-5(267)	Accelerated Testing for the NCAT Pavement Test Track	N/A	Steve Krebs, DTSD Barry Paye, DTSD	Alabama
TPF-5(281)	Center for the Aging Infrastructure: Steel Bridge Research, Inspection, Training and Education Engineering Center – SBRITE (Purdue)	N/A	Scot Becker, DTSD	Indiana
TPF-5(283)	The Influence of Vehicular Live Loads on Bridge Performance	N/A	Alex Pence, DTSD	FHWA
TPF-5(305)	Regional and National Implementation and Coordination of ME Design	N/A	Tirupan Mandal, DTSD	FHWA
TPF-5(316)	Traffic Control Device Consortium	N/A	Jay Hille, DTSD	FHWA
TPF-5(317)	Evaluation of Low Cost Safety Improvements	N/A	Brian Porter, DTSD	FHWA
TPF-5(319)	Transportation Management Center Pooled Fund Study	\$50,000	Stacey Pierce, DTSD	FHWA
TPF-5(335)	2016-2020 Biennial Asset Management Conference and Training on Implementation Strategies	N/A	Scot Becker, DTSD Justin Shell, DTIM	Iowa
TPF-5(341)	National Road Research Alliance (NRRRA)	N/A	Barry Paye, DTSD	Minnesota
TPF-5(347)	Development of Maintenance Decision Support System (MDSS)	\$30,000	Mike Adams, DTSD	South Dakota

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Project Number	Title	FFY 2021 Funding	WisDOT Technical Representative	Lead Agency
TPF-5(351)	Self De-Icing LED Signals	N/A	Donald Schell, DTSD	Kansas
TPF-5(352)	Recycled Materials Resource Center (RMRC) – 4th Generation	N/A	Barry Paye, DTSD	Wisconsin
TPF-5(353)	Clear Roads Phase II	\$25,000	Emil Juni, DTSD	Minnesota
TPF-5(359)	Evaluating New Technologies for Roads Program Initiatives in Safety and Efficiency (ENTERPRISE) Phase 2	\$30,000	David Karnes, DTSD	Michigan
TPF-5(368)	Performance Engineered Concrete Paving Mixtures	\$15,000	Jim Parry, DTSD	Iowa
TPF-5(370)	Fostering Innovation in Pedestrian and Bicycle Transportation Pooled Fund	\$25,000	Jill Mrotek-Glencinski, DTIM	FHWA
TPF-5(372)	Building Information Modeling (BIM) for Bridges and Structures	\$40,000	Scot Becker, DTSD	Iowa
TPF-5(374)	Accelerating Performance Testing on the 2018 NCAT Pavement Test Track with MnROAD Research	\$125,000	Steve Hefel, DTSD	Alabama
TPF-5(375)	National Partnership to Determine the Life Extending Benefit Curves of Pavement Preservation Techniques (MnROAD/NCAT Joint Study Phase 2)	\$50,000	Myungook Kang, DTSD	Minnesota
TPF-5(377)	Enhanced Traffic Signal Performance Measures	N/A	Jeremy Iwen, DTSD	Indiana
TPF-5(379)	Technology Exchange on Low Volume Road Design, Construction and Maintenance	N/A	Rodney Taylor, DTSD Justin Shell, DTIM	Iowa
TPF-5(381)	Evaluation of Lateral Pile Resistance Near MSE Walls at a Dedicated Wall Site Phase 2	N/A	Jeff Horsfall, DTSD	Utah
TPF-5(382)	Drivers Failing to Yield at Multi-Lane Roundabout Exits	N/A	Rebecca Szymkowski, DTSD	FHWA
TPF-5(385)	Pavement Structural Evaluation with Traffic Speed Deflection Devices (TSDDs)	\$45,000	Myungook Kang, DTSD	Virginia

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TPF-5(388)	Developing Implementation Strategies for Risk Based Inspection (RBI)	N/A	Scot Becker, DTSD	Missouri
TPF-5(389)	Connected Vehicle Pooled Fund Study	\$50,000	Anne Reshadi, DTSD	Virginia
TPF-5(395)	Traffic Disruption-Free Bridge Inspection Initiative with Robotic Systems	\$25,000	Rick Marz, DTSD	Missouri
TPF-5(396)	Mid-America Freight Coalition Phase 3 (MAFC-3)	\$37,000	Shaun Destrampe, DTIM	Wisconsin
TPF-5(399)	Improve Pavement Surface Distress and Transverse Profile Data Collection and Analysis, Phase 2	\$20,000	Andrew Schilling, DTIM	FHWA
TPF-5(430)	Midwest Roadside Safety Pooled Fund Program	\$65,000	Erik Emerson, DTSD	Nebraska
TPF-5(432)	Midwest Bridge Preservation Partnership	N/A	Bill Oliva, DTSD	Wisconsin
TPF-5(435)	Aurora Program	\$25,000	Mike Adams, DTSD	Iowa
TPF-5(437)	Technology Transfer Concrete Consortium	\$8,000	Jim Parry, DTSD	Iowa
TPF-5(438)	Smart Work Zone Deployment Initiative	\$25,000	Erin Schoon, DTSD	Iowa
TPF-5(441)	No Boundaries Transportation Maintenance Innovations	\$10,000	Chris Ohm, DTSD	Colorado
TPF-5(442)	Transportation Research and Connectivity	\$15,000	John Cherney, DBSI	Oklahoma
TPF-5(447)	Traffic Control Device (TCD) Consortium III	\$10,000	Matt Rauch	FHWA
TPF-5(448)	Integrating Construction Practices and Weather into Freeze Thaw Specifics	\$20,000	Jim Parry, DTSD	Oklahoma
TPF-5(460)	Flood-Frequency Analysis in the Midwest: Addressing Potential Nonstationary Annual Peak-Flow Records	\$55,600	Steve Neary, DTSD	South Dakota

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TPF-5(465)	Consortium for Asphalt Pavement Research and Implementation (CAPRI)	\$10,000	Steve Hefel, DTSD	Alabama
TPF-5(466)	National Road Research Alliance (NRRRA) Phase II	\$150,000	Barry Paye, DTSD	Minnesota
Solicitation 1524	2021 Innovations in Freight Data Workshop	\$14,000	Shaun Destrampe, DTIM	Iowa