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REMINDERS & ANNOUNCEMENTS

NJDOT Tech Transfer Website
www.njdottechtransfer.net

NJ STIC Website
www.njdottechtransfer.net/nj-stic/

NJ Transportation Ideas Portal

Welcome! The New Jersey Department of Transportation's Bureau of Research uses this website to gather and share ideas from NJDOT's research customers and other transportation stakeholders.

Research Ideas. We seek to fund research that leads to implementation – to the testing and adoption of new materials and technologies, to better specifications and to greater efficiency. We strive to discover and advance feasible solutions for more durable infrastructure, greater environmental protection and resilience, and improved mobility and safety for residents, workers and visitors.

Innovation Ideas. We encourage the deployment of innovations and knowledge transfer. We work with the New Jersey State Transportation Innovation Council (NJ STIC) whose mission is to identify, evaluate, and where possible, rapidly deploy new technologies and process improvements that will accelerate project delivery and improve the quality of NJ's transportation network.



The graphic features the NJ Department of Transportation logo (a blue arrow pointing right inside a red circle with the text 'DEPARTMENT OF TRANSPORTATION' and 'THE STATE OF NEW JERSEY') and the 'BUREAU OF RESEARCH' text in a serif font, underlined. Below this is a collage of images: a busy street with cars, a hand pointing at a screen with various transportation icons (car, bus, train, bicycle, pedestrian, etc.), and a city skyline at sunset. A large blue starburst shape is overlaid on the bottom right of the collage, containing the text 'DUE December 31st'. A white box with the text 'GOT IDEAS?' is also visible in the collage.

njdottechtransfer.ideascale.com



Dr. Giri Venkiteela
Research Scientist 2
NJDOT Bureau of Research



STIC INCENTIVE PROGRAM

NJDOT Tech Transfer Website

<https://www.njdottechtransfer.net/new-jersey-stic-requests/>

Selection Criteria
Eligible Projects/Activities
How to Apply
List of Projects

https://www.fhwa.dot.gov/innovation/stic/incentive_project/

↕ State	▼ Fiscal Year	STIC Incentive Projects	↕ Funds Allocated
CA	2024	1. Advance modeling for Earth Retaining Structures (continued) (\$22,400) 2. Develop a Wrong-Way Driver Prevention Strategic Plan (continued) (\$32,000)	\$54,400
CT	2024	Develop and pilot Wrong Way Rumble Strips	\$ 40,000
ME	2024	1. Create an Equity Outreach Dashboard for Virtual Public Involvement Activities (\$40,000) 2. Procurement of safety devices to be used to promote and encourage TIM training in rural areas. (\$20,000)	\$60,000
AK	2023	Development of an intelligent truck transportation management application for freight and fuel movement through route optimization, scenario analysis, and incident management	\$100,000
CA	2023	1. Advance modeling for Earth Retaining Structures (\$52,000) 2. Develop a Wrong-Way Driver Prevention Strategic Plan (\$48,000)	\$100,000
CO	2023	1. Implement Road Weather and Camera imagery in remote areas of the Front Range Colorado foothills (\$20,000) 2. Colorado Road & Bridge Institute (\$68.080)	\$88,080

CT	2023	Pilot and Develop specifications for Ultra High-Performance Concrete (UHPC) for Culvert Lining Repairs	\$ 100,000
DE	2023	<ol style="list-style-type: none"> 1. Implement UAS for inspections, survey work and Traffic Incident Management (TIM) (\$23,400) 2. Dover Kent MPO Virtual Reality (VR) Experience (\$29,856) 3. Pilot a Debris Removal Tool (\$34,400) 	\$ 87,656
FL	2023	Traffic-Related Community Air Quality Monitoring Network in Hillsborough County.	\$ 100,000
GA	2023	Leverage Probe Data for Incident Management in Rural Areas	\$ 100,000
IA	2023	Advance the use of Bridge Rating software for Local Public Agencies (LPA)	\$ 100,000
ID	2023	Pilot Workforce development program for female correctional residents	\$ 100,000
IL	2023	Implementation of e-Ticketing Statewide	\$ 100,000
IN	2023	Host Midwest Regional Innovation Peer Exchanges (50,000)	\$ 50,000
KS	2023	<ol style="list-style-type: none"> 1. Implement road debris removal systems (\$49,600) 2. Deploy non-intrusive data collection equipment (\$50,400) 	\$ 100,000
MD	2023	Formalizing asset condition-based corridor/ network assessment procedures for Maryland SHA corridors and highway network.	\$ 100,000
ME	2023	Establish a Transportation & Infrastructure Workforce Development Collaborative Pilot Program	\$100,000



NEXT MEETINGS

Exec. Team Meeting - March 6th 10:00am - 11:00am

NJ STIC 2024 1st Triannual Meeting - April 17th 10:00am - 12:00pm

Exec. Team Meeting - July 17th 10:00am - 11:00am

NJ STIC 2024 2nd Triannual Meeting - August 7th 10:00am - 12:00pm

Exec. Team Meeting - November 6th 10:00am - 11:00am

NJ STIC 2024 3rd Triannual Meeting - December 18th 10:00am - 12:00pm



THANK YOU!

www.NJDOTtechtransfer.net/NJ-STIC

NJDOT Bureau of Research
(609) 963-2242