

February 3, 2016

## **NDDOT Seeking Submissions for Transportation Innovation Ideas**

The North Dakota Department of Transportation (NDDOT) has partnered with the Upper Great Plains Transportation Institute on a new Transportation Innovation Program (TRIP) to identify and implement innovative ideas in NDDOT related projects, processes and products. NDDOT and UGPTI are currently seeking submissions for the Transportation Innovation Program. Innovation ideas are to address areas in transportation including but not limited to:

- Bridges and structures
- Construction
- Operations and Maintenance
- Roadway surfacing
- Planning
- Environmental
- Safety
- Service delivery
- Transit
- Multi-modal
- Innovative or currently underprovided transportation training
- Innovative research

"The NDDOT continually seeks new ways to provide a safe and efficient transportation system for all users," says Wayde Swenson, NDDOT Director of Operations. "The Transportation Innovation Program (TRIP) provides insight from our transportation system partners and helps to improve our transportation throughout North Dakota."

### Who Can Submit An Innovation Idea?

- Contractors
- Colleges & Universities
- Consultants
- Tribes
- Suppliers
- Local Jurisdictions
- Associations
- NDDOT staff

During 2015, the Department selected numerous innovative submittals for implementation, in various ways. Some examples include:

- Using a Texas Underseal on HBP Overlay projects
- Studying the use of Fiberglass Rebar & Dowels Bars in Bridges and Pavements
- Using Fiber Reinforced HBP
- Installing Culvert Movement Monitoring/Instrumentation
- Using URETEK Deep Polymer Injection on frost heaves
- Monitoring traffic flows with Distributed Acoustic Sensing
- Using Geogrid Reinforcement under aggregate base for flexible pavement

- Using a MIT Scan T2 for collecting concrete pavement thicknesses
- Using Hydrated Lime as an anti-stripping agent in new full-depth HBP pavements
- Developing a digital driver's license application process
- Using TheSmartCone™ technology for security, work-zone safety and surveillance applications
- Using Jointbond to address longitudinal HBP joint deterioration
- Using WatershedGeo HydroTurf® for drainage way armoring

TRIP is an ongoing program that will have up to four solicitations each year. The deadline to submit an idea during this round of submissions for Transportation Innovation Ideas is February, 16<sup>th</sup>, 2016. For additional information please go to the TRIP webpage at: <http://www.dot.nd.gov/business/innovate>