

# TRANSPORTATION POOLED FUND PROGRAM QUARTERLY PROGRESS REPORT

Lead Agency (FHWA or State DOT): NDDOT

## INSTRUCTIONS:

*Project Managers and/or research project investigators should complete a quarterly progress report for each calendar quarter during which the projects are active. Please provide a project schedule status of the research activities tied to each task that is defined in the proposal; a percentage completion of each task; a concise discussion (2 or 3 sentences) of the current status, including accomplishments and problems encountered, if any. List all tasks, even if no work was done during this period.*

<b>Transportation Pooled Fund Program Project #</b> <i>(i.e., SPR-2(XXX), SPR-3(XXX) or TPF-5(XXX))</i>  TPF-5(457)		<b>Transportation Pooled Fund Program - Report Period:</b> <input checked="" type="checkbox"/> Quarter 1 (January 1 – March 31) <input type="checkbox"/> Quarter 2 (April 1 – June 30) <input type="checkbox"/> Quarter 3 (July 1 – September 30) <input type="checkbox"/> Quarter 4 (October 1 – December 31)	
<b>Project Title:</b> Transportation Learning Network			
<b>Name of Project Manager(s):</b> Amy Beise	<b>Phone Number:</b> 701-220-7989	<b>E-Mail</b> abeise@nd.gov	
<b>Lead Agency Project ID:</b> TPF 5(457)	<b>Other Project ID (i.e., contract #):</b> 91220283	<b>Project Start Date:</b> 10/1/2020 (New Federal ID)	
<b>Original Project End Date:</b>	<b>Current Project End Date:</b> 9/30/2025	<b>Number of Extensions:</b> 0	

Project schedule status:

☒ On schedule
 ☐ On revised schedule
 ☐ Ahead of schedule
 ☐ Behind schedule

Overall Project Statistics:

Total Project Budget	Total Cost to Date for Project	Percentage of Work Completed to Date
		NA

Quarterly Project Statistics:

Total Project Expenses and Percentage This Quarter	Total Amount of Funds Expended This Quarter	Total Percentage of Time Used to Date
	\$165,475.03	NA

**Project Description:**

The Transportation Learning Network (TLN) was developed to serve the transportation interests of the region and complements the efforts of its various members. It provides access to information and expertise not readily available to transportation professionals in the region. TLN identifies schedules, distributes and warehouses technology transfer for its member state DOTs.

**Vision:** To excel on a national basis as a premier transportation technology transfer organization that serves as a model for other states.

**Mission:** TLN provides quality and cost-effective customer-driven technology transfer utilizing alternative platforms that meet the needs of the state, county, city, tribal and private transportation professionals.

Staff develop a list of technology transfer presentations based on priorities determined by the 4-state members of the Transportation Learning Network; topics are researched, descriptions written, presenters identified, negotiate presenter contracts and schedule presentations.

There are monthly meetings of the programming committee consisting of members from the 4-state DOTs and an MPC representative. The committee approves identified topics and TLN staff move forward with announcing the events and putting into place a registration process. An evaluation link is provided to all participants. In September, the TLN Executive Committee members held a joint meeting with the programming committee to review the topics selected based on survey results from the 4-state members.

The majority of presentations occur between October and April due to the construction season in the 4-states served by this program. During summer months, the staff and program committee members identify and prioritize technology transfer topics. Self-paced modules and previously recorded sessions are available on the learning management system.

To meet the needs of the TLN audience, all sessions are delivered via webinars. Individuals are able to receive these very important topics via their computers, tablets and phones.

During this reporting period, there were 24 webinars presented with a total attendance of 4,390. Topics included the following titles:

- Snowplow Truck Maintenance - Best Practices to Reduce Corrosion
- From Rocks to Resilience, RIPRAP Design Guidance & Field Verification
- The Communicative Engineer
- Introduction to Scour
- Traffic Calming
- Coaching, Counseling & Mentoring
- ATSSA Traffic Control Design Specialist
- The Quality Improvement Process
- Guardrail Basics, Flexible Barriers and Maintenance
- Asphalt Paving: Mix & Production
- Asphalt Paving: Delivery & Laydown
- Asphalt Paving: Compaction & Evaluation
- Killed by a Traffic Engineer
- Meeting Management: Tools, Techniques and Skills
- Empowering Excellence: People First Leadership & The Power Skills Revolution
- Ready Mix Concrete - The History and Design of the Most Utilized Construction Material

- The In's and Out's of Concrete Production, Delivery & Installation
- Tractor Mower Operator Safety Training
- The Problem-Solving Process
- Virtues & Competencies of Engineering with Connections to the Professional Codes of Ethics
- ATSSA Traffic Control Technician
- ATSSA Traffic Control Supervisor
- Concrete Finishing for the Engineer & Inspector
- Introduction to Roadway Materials Sampling & Testing

In addition to live presentations, 1070 recorded presentations and 525 online modules were completed.

**Significant Results:** Identifying and delivering technology transfer needs of the DOTs in Montana, North Dakota, South Dakota and Wyoming. Live presentations are broadcast as webinars. The majority of these presentations are recorded and available for playback on the TLN learning management system. Along with the recordings, there are self-paced modules available 24/7. The program can reach many individuals to bring significant opportunities to increase knowledge without the need to travel great distances.

**Circumstance affecting project or budget. (Please describe any challenges encountered or anticipated that might affect the completion of the project within the time, scope and fiscal constraints set forth in the agreement, along with recommended solutions to those problems).** -- None encountered.