

**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.

Transportation Pooled Fund Program Project # <i>(i.e., SPR-2(XXX), SPR-3(XXX) or TPF-5(XXX))</i>	Transportation Pooled Fund Program - Report Period:
TPF 5(333)	<input type="checkbox"/> Quarter 1 (January 1 – March 31) <input type="checkbox"/> Quarter 2 (April 1 – June 30) <input checked="" type="checkbox"/> Quarter 3 (July 1 – September 30) <input type="checkbox"/> Quarter 4 (October 1 – December 31)
Project Title: Transportation Learning Network	
Name of Project Manager(s): Clayton Schumaker	Phone Number: 701-328-6906
Lead Agency Project ID: TPF 5(333)	Other Project ID (i.e., contract #): 17-314-0800
Original Project End Date:	Current Project End Date: 9/30/2020
E-Mail: cschumaker@nd.gov	Project Start Date: 10/1/2015 (New Federal ID)
Number of Extensions: 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
	\$74,531.21	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. The committee approves identified topics and TLN staff move forward with announcing the events and putting into place a registration process.

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.

During this reporting period, a PE Exam Preparation webinar series with 17 participants was delivered. There were live webinars along with over 300 online practice problems and exercises. This series was for civil engineers scheduled to take the exam in October 2019.

ONLINE MODULES JULY THROUGH SEPTEMBER 2019

Title	
Materials Testing: Wash Test	1
TC3 Bridge Cleaning	1
TC3 Concrete Series: Design of Pavement	1
TC3 Concrete Series: Early Age Cracking	1
TC3 Concrete Series: Fresh Properties	1
TC3 Concrete Series: Fundamentals of Materials Used for Concrete Pavements	1
TC3 Concrete Series: Hardened Concrete Properties - Durability	1
TC3 Concrete Series: Incompatibility in Concrete Pavement Systems	1
TC3 Construction Safety: Personal Protective Equipment (PPE)	1
TC3 Environmental Predecessor Series: Air Quality	1
TC3 Erosion & Sediment Control: Module 2	1
TC3 GPS Technology	1
TC3 Maintenance Training Series: Base and Subbase Stabilization and Repair	1

TC3 Maintenance Training Series: Basics of Work Zone Traffic Control	1
TC3 Maintenance Training Series: Cultural and Historic Preservation	1
TC3 Maintenance Training Series: Outdoor Advertising	2
TC3 Maintenance Training Series: Pavement Preservation Program	1
TC3 Maintenance Training Series: Roadside Vegetation Management	1
TC3 Maintenance Training Series: Roadway Drainage	1
TC3 Maintenance Training Series: Shaping and Shoulders	1
TC3 Plan Reading: Bridge Plans	1
TC3 Plan Reading: Highway Plan Reading Basics	1
TC3 Plan Reading: Right-of-Way Plans	<u>1</u>
TOTAL COMPLETED	24

Significant Results:

Identifying and delivering technology transfer needs of the DOTs in Montana, North Dakota, South Dakota and Wyoming. Presentations are broadcast through video conferencing or 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. This 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.