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.e, SPR-2(XXX), SPR-3(XXX) or TPF-5(XXX)* TPF 5(333)	**Transportation Pooled Fund Program - Report Period:** ☐Quarter 1 (January 1 – March 31) ☐Quarter 2 (April 1 – June 30) ☐Quarter 3 (July 1 – September 30) ✓ Quarter 4 (October 1 – December 31)

Project Title: Transportation Learning Network		
Name of Project Manager(s): Clayton Schumaker	**Phone Number:** 701-328-6906	**E-Mail** cschumaker@nd.gov
Lead Agency Project ID: TPF5(333)	**Other Project ID (i.e., contract #):** 17-314-0800	**Project Start Date:** 10/1/2015
Original Project End Date:	**Current Project End Date:** 9/30/2020	**Number of Extensions:** 00

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
	$73,040.45	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 training 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; they write descriptions, identify presenters, 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.

Following is a list of technology transfer presentations delivered via video conferencing or webinar during this reporting period and the number of participants.

PRESENTATIONS OCTOBER THROUGH DECEMBER 2015

Presentation Title	Date Delivered	Delivery Method	# Attended
PE Exam for Civil Engineers	Sept/Oct 2015	Webinar	12
Preventing Runovers and Backovers	10/29/2015	Video Conf	218
John Maxwell: Sometimes You Win, Sometimes you Learn	10/28/2015	Video Conf	69
ATSSA Traffic Control Technician	11/2/2015	Video Conf	178
Implementation of Low Temperature Tests for Asphalt Mixtures	11/16/2015	Webinar	37
Erosion Control Options	11/30/2015	Video Conf	163
Math for Survey and Construction	12/9/2015	Video Conf	89
Pipe Jacking for Culverts and Storm Sewers	12/15/2015	Video Conf	170
Joint Detailing for Improved Performance of Double Tee Bridge Systems - MPC Research Project	12/17/2015	Webinar	35
			TOTAL = 971

ONLINE MODULES OCTOBER THROUGH DECEMBER 2015

Title	# Completed
ATSSA: Safe Installation and Removal of Temporary Traffic Control Devices	1
ATSSA: Work Zone Safety Performance Measures	1
Bridge Construction Inspection: Inspector Safety	1
Handling and Storage of Reinforcing Steel	1
Materials Testing: Aggregate Sampling	4
Materials Testing: Introduction to the Soil-Moisture Density Relationship	3
Materials Testing: Lightweight Pieces in Aggregate	2
Materials Testing: Microwave and Oven Methods of Drying Soils	2
Materials Testing: Proctor Test	3
Materials Testing: Proctor Test Short Version	1
Materials Testing: Reducing Aggregate Samples	1
Materials Testing: Rubber-Balloon Test	1
Materials Testing: Sand Cone Test	1
Materials Testing: Sieve Analysis of Fine and Coarse Aggregates	1
Materials Testing: Speedy Moisture Test	1
Materials Testing: Wash Test	1
Personal Protective Equipment	2
TC3 Advanced Self-Consolidating Concrete	1
TC3 Basic Materials for Highway Construction: Introduction	2
TC3 Basic Materials for Highway Construction: Basics of Aggregate Inspection and Sampling	1
TC3 Basic Materials for Highway Construction: Hot Mix Asphalt Basics	1
TC3 Basic Materials for Highway Construction: Portland Cement Concrete Basics	1
TC3 Basics of Cement Hydration	1
TC3 Bolted Connections	1
TC3 Chip Seal Best Practices: Design	1
TC3 Chip Seal Best Practices: Introduction	1
TC3 Construction of Concrete Pavements	1
TC3 Design of Pavements and Subgrades/Bases	1
TC3 Early Age Cracking	1
TC3 Ethics in the Transportation Industry: Module 1	1
TC3 Fresh Concrete Properties	1
TC3 Fundamentals of Materials Used for Concrete Pavements	1
TC3 GPS Technology	1
TC3 Hardened Concrete Properties	1
TC3 Improving the Daily Diary	1
TC3 Incompatibility in Concrete Pavement Systems	1
TC3 Math Module: Conclusion	1

TC3 Math Module: Intro	3
TC3 Math Module: Mathematics	3
TC3 Mix Design Principles	1
TC3 Pipe Installation, Inspection, and Quality: Basic Pipe Type	1
TC3 Pipe Installation, Inspection, and Quality: Bedding	1
TC3 Pipe Installation, Inspection, and Quality: Foundation	1
TC3 Pipe Installation, Inspection, and Quality: Introduction	2
TC3 Pipe Installation, Inspection, and Quality: Placement	1
TC3 Plan Reading: Bridge Plans	2
TC3 Plan Reading: County Plans	2
TC3 Plan Reading: Culvert Plans	1
TC3 Plan Reading: Erosion & Sediment Control Plans	1
TC3 Plan Reading: Grading Plans	1
TC3 Plan Reading: Highway Plan Reading Basics	1
TC3 Plan Reading: Right-of-Way Plans	2
TC3 Plan Reading: Traffic Control Plans	1

TOTAL = 72

Significant Results:

Identifying and delivering technology transfer needs of the DOTs in Montana, North Dakota, South Dakota and Wyoming.

These presentations were broadcast through video conferencing or webinars. 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.