

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> SPR-3(099)	Transportation Pooled Fund Program - Report Period: <input type="checkbox"/> Quarter 1 (January 1 – March 31) <input checked="" 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)	
Project Title: Transportation Learning Network		
Name of Project Manager(s): Ron Horner	Phone Number: 701-328-6904	E-Mail: rhorner@nd.gov
Lead Agency Project ID: SPR003(099)	Other Project ID (i.e., contract #): 17-314-0800	Project Start Date: 8/1/2000
Original Project End Date: Ongoing	Current Project End Date: Ongoing	Number of Extensions: 17

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
	\$144,705.25	NA

Project Description:

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 (research, best practices, knowledge, and roundtables) not readily available to transportation professionals in the region. TLN identifies, schedules, distributes and warehouses learning opportunities for 4-state DOTs (North Dakota, South Dakota, Montana, and Wyoming).

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

Mission: TLN provides quality and cost-effective customer-driven learning opportunities utilizing various platforms to meet the needs of the state, county, city, tribal and private transportation professionals.

TLN staff develop a list of learning opportunities based on priorities determined by the 4-state members of the Transportation Learning Network. Starting in July, staff begin writing descriptions, identifying speakers, and scheduling dates for the upcoming months of September through May.

There are monthly meetings held with the program committee consisting of members from the 4-state membership. The committee approves each opportunity presented. Upon approval, TLN staff move forward with announcing the events and putting into place the registration process.

TLN works with the member states to identify “conflict” dates; those dates where the states have events/meetings scheduled that could pose a conflict with TLN events.

Following is a list of events offered during this reporting period and the number of participants. These were broadcast using video conference technology.

Date	Title	# in attendance
04/01/15	Basic Concepts of Pavement Preservation	109
04/06/15	PCC Joint Sealing and Resealing Methods	101
04/08/15	Access Management	63
04/09/15	Gravel Roads Maintenance	98
04/13/15	3-State Roundtable - Construction Survey and Grade Control	40
04/14/15	7 Mindsets for Success and Team Building	170
04/15/15	Conflict Management: The Not So Merry-Go-Round of Conflict	80
04/16/15	Presentations for Power, Persuasion & Purpose	45
04/17/15	Full-Depth Reclamation / Cement Stabilization	51
04/27/15	Deciding How to Decide	73
04/28/15	Delivering Leading Edge Customer Service	47
05/07/15	Basic Sign Installation and Maintenance	217

The following is a list of self-paced modules housed on the TLN learning management system that participants have either completed or are in progress during this reporting period.

TITLE	COMPLETED	IN PROGRESS
ATSSA: Safe Installation and Removal of Temporary Traffic Control Devices	3	1
ATSSA: Work Zone Safety Performance Measures	3	
Bridge Construction Inspection: Heavy Equipment		1
Bridge Construction Inspection: Inspector Safety		3
Bridge Site Safety Worker Orientation		1
Handling and Storage of Reinforcing Steel		2
High Visibility Garments	1	1
Introduction to NDDOT Construction Automated Records System (CARS)	2	3
Materials Testing: Aggregate Sampling	2	
Materials Testing: Introduction to the Soil-Moisture Density Relationship	3	3
Materials Testing: Lightweight Pieces in Aggregate	1	2
Materials Testing: Microwave and Oven Methods of Drying Soils	2	
Materials Testing: Proctor Test	1	2
Materials Testing: Proctor Test Short Version		2
Materials Testing: Reducing Aggregate Samples		1
Materials Testing: Rubber-Balloon Test		2
Materials Testing: Sand Cone Test		1
Materials Testing: Speedy Moisture Test		1
Personal Protective Equipment	2	
Road Safety 365: A Safety Course for Local Governments – Module 1: The Need for Road Safety	1	2
Road Safety 365: A Safety Course for Local Governments – Module 2: Making Roads Safer	2	
Seal Coat Module 1: Pavement Preservation, Handbook, Design, & Pay Items	3	1
Seal Coat Module 2: Aggregate Requirements & Binders	1	
Seal Coat Module 3: Construction Details, Pavement Markings, Fog Sealing, & What's New	1	
TC3 Basic Construction & Maintenance Documentation: Improving the Daily Diary (134071)	5	2
TC3 Basic Materials for Highway Construction: Basics of Aggregate Inspection and Sampling (131117)	2	
TC3 Basic Materials for Highway Construction: Hot Mix Asphalt Basics (131117)	2	
TC3 Basic Materials for Highway Construction: Introduction (131117)	2	1
TC3 Basic Materials for Highway Construction: Portland Cement Concrete Basics (131117)	2	
TC3 Basics of Cement Hydration (134096)	1	

TC3 Bolted Connections (134074)	3	
TC3 Chip Seal Best Practices: Chip Seal Introduction (131132)	1	2
TC3 Chip Seal Best Practices: Design (131132)	1	
TC3 Chip Seal Best Practices: Equipment Practices (131132)	1	
TC3 Chip Seal Best Practices: Introduction (131132)	2	
TC3 Chip Seal Best Practices: Material Selection (131132)	1	
TC3 Chip Seal Best Practices: Performance Measures (131132)	1	
TC3 Concrete Pavement Preservation Series (131126)	3	1
TC3 Concrete Pavement Preservation Series: Concrete Pavement Evaluation (131126B)	2	
TC3 Concrete Pavement Preservation Series: Diamond Grinding and Grooving (131126H)	1	1
TC3 Concrete Pavement Preservation Series: Full Depth Repairs (131126E)	1	1
TC3 Concrete Pavement Preservation Series: Joint Resealing and Crack Sealing (131126I)	1	2
TC3 Concrete Pavement Preservation Series: Load Transfer Restoration (131126G)	1	1
TC3 Concrete Pavement Preservation Series: Partial-Depth Repairs (131126D)	1	1
TC3 Concrete Pavement Preservation Series: Preventive Maintenance and Pavement Preservation Concepts (131126A)	2	
TC3 Concrete Pavement Preservation Series: Retrofitted Edge Drains (131126F)	1	1
TC3 Concrete Pavement Preservation Series: Slab Stabilization and Slab Jacking (131126C)	2	
TC3 Construction of Concrete Pavements (134098)	2	1
TC3 Design of Pavements and Subgrades/Bases (134101)	2	1
TC3 Early Age Cracking (134095)	1	1
TC3 Ethics in the Transportation Industry (134069)	14	1
TC3 Fresh Concrete Properties (134097)		1
TC3 Fundamentals of Materials Used for Concrete Pavements (134084)	1	
TC3 GPS Technology (134078)	6	
TC3 Hardened Concrete Properties (134075)	1	
TC3 Math Module (134072)	5	2
TC3 Mix Design Principles (134087)	1	
TC3 Pipe Installation, Inspection, and Quality (134105)	16	2
TC3 Plan Reading: Bridge Plans (134108G)	2	2
TC3 Plan Reading: County Plans (134108F)	2	1
TC3 Plan Reading: Culvert Plans (134108H)	1	1
TC3 Plan Reading: Erosion & Sediment Control Plans (134108D)	1	3
TC3 Plan Reading: Grading Plans (134108B)	1	2
TC3 Plan Reading: Highway Plan Reading Basics (134108A)	1	4
TC3 Plan Reading: Right-of-Way Plans (134108E)	2	3
TC3 Plan Reading: Traffic Control Plans (134108C)	2	1
TC3 QC/QA: Quality and Testing (134100)	3	1

TC3 Roller Compacted Concrete Pavements: Pavement Construction (131133)	1	
TC3 Roller Compacted Concrete Pavements: Production (131133)	1	
TC3 Safe Use of Hand & Power Operated Tools (381002)	1	1
TC3 Superpave for Construction: Mix Design (131134)	2	
TC3 Superpave for Construction: Volumetrics (131134)	2	
TC3 Superpave Mix Design Process & Analysis: Mix Design (131131)		1
TC3 Testing Self-Consolidating Concrete (131128)	1	
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TOTALS	139	71

Significant Results:

Identifying the skills, knowledge and research needs of the DOTs in Montana, North Dakota, South Dakota and Wyoming to develop learning opportunities for broadcasting over a video conferencing system.

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.

Potential Implementation: