TRANSPORTATION POOLED FUND PROGRAM
QUARTERLY PROGRESS REPORT

Lead Agency (FHWA or State DOT): MnDOT

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(215)	**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 Engineering and Road Research Alliance (TERRA)		
Name of Project Manager(s): Maureen Jensen	**Phone Number:** 651-366-5507	**E-Mail** maureen.jensen@state.mn.us
Lead Agency Project ID: TPF-5(215)	**Other Project ID (i.e., contract #):**	**Project Start Date:** 7/21/2009
Original Project End Date: 7/2014	**Current Project End Date:** 7/2015	**Number of Extensions:** 1

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
$323,250	$181802	60%

Quarterly Project Statistics:

Total Project Expenses and Percentage This Quarter	Total Amount of Funds Expended This Quarter	Total Percentage of Time Used to Date
$39,780	$39,780	60%

Project Description:

TERRA is a consortium of government, industry and academia in a dynamic partnership to advance innovations in road engineering and construction, including issues related to cold climates. TERRA's research program is built on the principle of collaboration to meet research needs, and focuses on transforming the MnROAD facility from a Minnesota resource to a regional, national, and international research center. TERRA's partnering efforts reach beyond Minnesota to include transportation organizations in other states and in Europe.

The main objectives of the TERRA is to:

• Guide future pavement research investments and activities;
• Exchange information, share ideas, and learn research results;
• Develop relationships, and provide a network for expanded collaboration and development of proposals;
• Attract key public, industry, academic and other program partners to contribute resources;
• Expand entrepreneurial use of the capacity and capabilities of the MnROAD facility by pursuing opportunities to serve a broader research community.

Progress this Quarter (includes meetings, work plan status, contract status, significant progress, etc.):

• The Board met in conjunction with the pavement conference. Identified priorities for STIC funded implementation activities.
• The 2014 spring E-News was distributed.
• TERRA fact sheet on implements of husbandry completed.
- SHRP 2 Workshop on Pavement Preservation is being planned for September, to be held in conjunction with the Midwest PPP and the TERRA meeting/innovation series.

Anticipated work next quarter:

- Publish an e-news and technical summary
- General Assembly meeting planned for Feb to continue developing focus areas for implementation
- Task forces for planning the next phase of MnROAD will continue meeting.
- Planning for SHRP 2 workshop on Pavement Preservation will continue.
- Summer meeting and innovation series will be held in August in Madison.

Significant Results:

MnROAD phase 3 development committees formed, held initial meetings. Peer Exchange for MnROAD phase 3 scheduled for June.

Pavement Conference was held in conjunction with the road dust national conference in February.

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).

Continuation of TERRA is expected. Plan is to extend the pooled fund to 2015 and re-evaluate the scope, repost pooled fund.

Potential Implementation:

The TERRA sponsored pooled fund on design of Unbonded concrete overlays will produce a tool for designers, as well as models/guidance that can be incorporated into future versions of DARWIN ME

Whitetopping design tool is being disseminated by the CP Tech Center.

MnDOT has designated TERRA as it's STIC and will use the funds for several implementation activities selected by the board.