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
$209,500	$142,022	81%

Quarterly Project Statistics:

Total Project Expenses and Percentage This Quarter	Total Amount of Funds Expended This Quarter	Total Percentage of Time Used to Date
$6,250	$6,250	81%

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 Membership Engagement Committee met on June 5th, 2014.

• The TERRA Executive Committee met on May 14 and June 24, 2014. details to secure $95,000 of STIC funding from MnDOT for TERRA implementation projects. Finally, CTS sent out a vote to the full General Assembly regarding changing the TERRA Operations
• The TERRA Communications Committee met on April 1, 2014 to discuss communications products.
• A fact sheet was published in May on the Wisconsin farm implements study. The next fact sheet, featuring high-friction surface treatments, is expected to be published in July 2014.
• A TERRA e-blurb was published on April 17, 2014 featuring guidance for use of concrete overlays; a second e-blurb was published on June 30 highlighting a recently completed research project on guide sign fonts.
• A TERRA E-News was published on May 6, 2014. The issue featured a member profile on the FHWA, a research project profile on high-friction surface treatments, highlights from the TERRA Pavement Conference, and a story on the farm implements legislation that wrapped up in Wisconsin.
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• The TERRA General Assembly did not meet during this quarter, August 20, 2014 in Madison, Wisconsin. S

Anticipated work next quarter:

- Publish an e-news and technical summary
- Summer meeting and innovation series will be held in August in Madison.
-Continue development of STIC Projects

Significant Results:

Ad Hoc task force on CIR started
Fact Sheet published on Wisconsin Farm Implement Study

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 will be disseminated by the CP Tech Center