

TRANSPORTATION POOLED FUND PROGRAM QUARTERLY PROGRESS REPORT

Date: 10-July-2023

Lead Agency (FHWA or State DOT): Indiana DOT

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> TPF-5(320)	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: North Central Superpave Center Base Funding		
Name of Project Manager(s): Tommy Nantung	Phone Number: 765/463-1521 x 248	E-Mail tnantung@indot.in.gov
Lead Agency Project ID: TPF-5(320)	Other Project ID (i.e., contract #):	Project Start Date: October 1, 2002
Original Project End Date:	Current Project End Date:	Number of Extensions:

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
Continuing		Continuing

Quarterly Project Statistics:

Total Project Expenses and Percentage This Quarter	Total Amount of Funds Expended This Quarter	Total Percentage of Time Used to Date

Project Description:

The North Central Superpave Center began on July 1, 1995, as one of five regional centers established to assist the states/provinces and industry in the region with the implementation of the Superpave mix design system for hot mix asphalt. In the subsequent years the role of the NCSC has evolved to include all general hot mix asphalt issues as states in the region have adopted Superpave. The Center was administered through the Joint Transportation Research Program at Purdue University and was guided by a Steering Committee consisting of representatives of the agencies and industry in the participating states.

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

Progress will be reported in terms of the major activities planned for this project as established by the Steering Committee.

Training: Provided a two-week training program for a group of 13 engineers from Côte d'Ivoire. The topics covered included soil-cement modification/stabilization, Superpave methodology, network pavement data management, etc., and included visits to two on-going project sites and HMA plant.

Communication: None this quarter

Third Party Testing Services: None this quarter.

Research: Visits to two field sites to conduct friction and texture testing for SPR-4751 project investigating low friction pavements in Indiana.

Completed friction and texture testing on polished High Friction Surface Treatment (HFST) on HMA slab for one epoxy product being investigated in Nevada DOT study.

Work continued on evaluating pavement marking material on concrete surfaces, in collaboration with Construction Management Technology (CMT) department of Purdue University.

Technology Transfer:

During this quarter, there were 400 new downloads of reports published by the researchers at NCSC, according to Purdue e-Pubs Readership reports.

Anticipated work next quarter:

Training: Planning underway to provide a two-week training for engineers from Nepal. Similar agenda to that followed for the Côte d'Ivoire engineers last quarter will be adopted.

Communication:

Third Party Lab and Testing Services: Friction testing on PRA material expected from an INDOT contractor next quarter

Research: Continue friction and texture testing of pavement marking materials for INDOT, low-friction project and HFST epoxies for Nevada DOT. Commence writing the draft report.

Technology Transfer: None anticipated.

Significant Results: None

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).

Potential Implementation: None