TRANSPORTATION POOLED FUND PROGRAM
QUARTERLY PROGRESS REPORT

Lead Agency (FHWA or State DOT): Colorado 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.e, SPR-2(XXX), SPR-3(XXX) or TPF-5(XXX)* TPF-5(441)	**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: No Boundaries Roadway Maintenance Innovations		
Name of Project Manager(s): Tyler Weldon	**Phone Number:** 303-512-5503	**E-Mail** Tyler.Weldon@state.co.us
Lead Agency Project ID: R6.3 - TPF-5(441)	**Other Project ID (i.e., contract #):** PO 431006609 (expires 10/26/21)	**Project Start Date:** 09/30/2020
Original Project End Date: 12/30/2025	**Current Project End Date:** 12/30/2021	**Number of Extensions:** 0

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
$209,923.63	$161,555.57	77%

Quarterly Project Statistics:

Total Project Expenses and Percentage This Quarter	Total Amount of Funds Expended This Quarter	Total Percentage of Time Used to Date
$68,111.57 and 42%	$68,111.57	93%

Project Description:

No Boundaries Roadway Maintenance Practices transportation pooled fund program is sponsored by the Federal Highway Administration and is led by Colorado Department of Transportation (CDOT). Increasingly, state departments of transportation (DOTs) are challenged to maintain highway facilities to fluctuating budgets, policies and unknown future issues. Maintenance is a long-term activity to extend the life of highways. One of the strategies for achieving longer life facilities is to use innovative maintenance technologies and practices.

No Boundaries is a vital partner in connecting DOT maintenance professionals. By bringing together peers from transportation agencies across the nation and allowing sharing through a variety of channels—face-to-face peer exchanges, technical tours, online clearinghouse database, news distributions, and national partnerships—No Boundaries provides a network that accelerates the transfer of good ideas. This reduces duplication of effort, supports collaboration, and hastens the implementation of maintenance best practices. No Boundaries further fosters collaboration within the transportation community, academia and industry to implement innovative transportation maintenance technologies.

The scope of work is divided into five Task Areas, A through E.

A. General: staffing and management, updating the operations and procedures manual, and required recordkeeping.

B. Administration: creation of quarterly reports, budget and invoicing, monitoring and coordination of funding transfer among member states, technical advisory committee meeting (TAC) meetings and peer exchanges, and development and revision of the No Boundaries innovation database.

C. Communication: correspondence with TAC members and regular meetings, and creation and delivery of maintenance

Progress this Quarter (includes meetings, work plan status, contract status, significant progress, etc.):
members and new No Boundaries Member agencies as needed.

A. General
--Conducted ongoing management and recordkeeping.

B. Administration
--Planned and facilitated a hybrid in-person/virtual TAC Peer Exchange on September 14-15, 2021, in Denver, CO.
----Finalized the agenda, booked flights for TAC members attending in-person, secured a hotel, planned and tested the webinar technology for virtual attendees, coordinated the technical site visit and local travel, facilitated and documented the meeting, completed traveler reimbursements.
--Continued to reach out TAC members and funding contacts regarding transfers and payments for FFY20 and commitments and/or transfers and payments for FFY21.
--Began drafting No Boundaries Year 2 work plan and task order (Year 2 program funding).

C. Communication
--Continued writing and sending weekly emails, featuring individual news items on research, webinars, events, and program announcements, to the No Boundaries email distribution list.
--Provided guidance to member state (Minnesota) on national innovation awards/recognition program.

D. Research
--Finalized the Innovation Database Scoping and Recommendations project (Task Area B)
----Developed working alternatives for the database (WordPress; Idea Cards), which were presented to the TAC at the

Anticipated work next quarter:

A. General
--Conduct ongoing management and recordkeeping.

B. Administration
--Maintain information about commitments, transfers and overall budget for the pooled fund.
--Conclude activities for the hybrid in-person/virtual Peer Exchange held on September 14-15, 2021 in Denver, CO.
----Reimbursements, meeting minutes, summary PowerPoint
--Plan and facilitate a Technical Advisory Committee (TAC) business meetings in the beginning of 2022.
--Complete Year 2 work plan and task order (Year 2 program funding).

C. Communication
--Continue writing and sending weekly news emails to the No Boundaries email distribution list.
--Update website with program information as appropriate.
--Onboard new TAC members and new No Boundaries Member agencies as needed.

D. Research
--Undertake next steps for the innovation database based on outcome of TAC discussion at the September 2021 Peer Exchange.
---Finalize, launch and begin collecting/creating innovations
--Continue to initiate synthesis discussions in Peer Exchange events (see Task B)
----Present outline of a possible synthesis projects; proceed with synthesis work pending TAC decision.

E. Marketing and Recruitment
--Update No Boundaries website with latest program information.
--Continue discussion with national partners and identify formal liaison opportunities

Significant Results:
See Progress this Quarter section.

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.

Potential Implementation:

This project provides a forum for State DOTs to share their maintenance innovations with each other, support technology transfer activities and develop marketing and deployment plans for the implementation of selected innovations. Innovative products, practices and policies that CDOT and other member DOTs learn about can be readily be tried in the field, piloted and implemented. Members can call upon one another for further information, support and guidance. Such implementation among member states has been documented since No Boundaries' inception, and it is expected to continue.

Moreover, the project's next-generation database and associated innovation communication tools, now in development, is expected to serve as a hub where innovations and research related to highway maintenance can be found and showcased.

FHWA, industry and others (domestic and international) will are invited to participate in the project discussions and activities by presenting or demonstrating innovations. No Boundaries members also attend regional state and national meetings and serve as liaisons with national committees (notably AASHTO and TRB). Further implementation of maintenance innovations among such partners beyond state DOTs is fostered through these relationships.