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 431007657(expires 8/30/22)	**Project Start Date:** 09/30/2020
Original Project End Date: 12/30/2025	**Current Project End Date:** 8/30/2022	**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
$376,990.42	$226,008.73	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
$226,008.73 and 17%	$37,649.97	51%

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 record keeping.

B. Administration: creation of quarterly reports, budget and invoicing, monitoring and coordination of funding transfer among member states, and technical advisory committee meeting (TAC) meetings and peer exchanges.

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

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

A. General
--Conducted ongoing management and record keeping.
--Secured TAC approval for and completed the revisions to the No Boundaries operating procedures.
--Secured TAC approval for and established a Steering Committee.

B. Administration
--Planned and facilitated a Technical Advisory Committee (TAC) planning and business meeting on February 9, 2022, and documented in detail for members only on the No Boundaries website.
--Scheduled and prepared for a Technical Advisory Committee planning and business meeting on April 4, 2022
--Planned and facilitated a Steering Committee meeting on March 29, 2022 and documented in detail for members.
--Continued planning the hybrid in-person/virtual May 2022 Peer Exchange taking place in Sacramento, CA from May 3-5, 2022. Creating a working draft agenda, finalizing a meeting space, researching hotels and working with Caltrans staff on the meeting logistics.
----Continued to reach out TAC members and funding contacts regarding transfers and payments for FFY20/FFY21 and commitments and/or transfers and payments for FFY22.

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.
--Coordinated one quick-turnaround survey at individual member's request.
--Finalized and revised the new web page compiling state DOTs' innovation programs.

Anticipated work next quarter:

A. General
--Conduct ongoing management and record keeping.

B. Administration
--Complete the planning for and holding a hybrid in-person/virtual TAC Peer Exchange from May 3-5, 2022 in Sacramento, CA. Planning will include finalizing the meeting agenda, securing a hotel, booking attending members flights, and finalizing meeting logistics. Onsite activities will include facilitating and documenting the meeting. Follow-up activities will include posting meeting materials and assisting with member reimbursements.
--Begin planning the fall TAC Peer Exchange meeting (location and date TBD)

C. Communication
--Continue writing and sending weekly news emails to the No Boundaries email distribution list.
--Create a page in the Member's Only section of the website to showcase all TAC questions and responses.
--Onboard new TAC members and new No Boundaries Member agencies as needed.

D. Research
--Continue collecting/creating innovations to add to the innovations database, including items in partnership with FHWA and the Build a Better Mousetrap program
--Conduct and complete synthesis report on responding to workforce shortages.
--Begin work on a second synthesis report.

E. Marketing and Recruitment
--Update No Boundaries website with latest program information.
---Post past meeting minutes.
---Create a one-pager that can live on the website for members to download and use as they need it when speaking to

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.