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): Jim Fox	**Phone Number:** 303-512-5503	**E-Mail** james.fox@state.co.us
Lead Agency Project ID: R6.3 - TPF-5(441)	**Other Project ID (i.e., contract #):** PO 431008414 expires 9/1/2023)	**Project Start Date:** 09/30/2020
Original Project End Date: 12/30/2025	**Current Project End Date:** 9/1/2023	**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
$586,834.00	$460,262.00	78%

Quarterly Project Statistics:

Total Project Expenses and Percentage This Quarter	Total Amount of Funds Expended This Quarter	Total Percentage of Time Used to Date
$460,262 and 6%	$25,491.27	48%

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 work in categories A-E below identified on Task Order 3.
--Conducted ongoing management and record keeping.
-- Updated membership roster, including updated technical and research staff from member states.
--Based on the TAC discussion at the October 18-19, 2022 Indianapolis meeting, updated the operating procedures, scope and mission statement.

B. Administration

--Planned and facilitated a Technical Advisory Committee (TAC) planning and business meeting on March 3, 2023 and documented it in detail for members only on the No Boundaries website.
--Planned and facilitated a Steering Committee meeting on March 6 20223and documented in detail for members.
--Planned an in-person TAC Peer Exchange in St. Peters/Columbia Missouri from April 25-26, 2023.
----Created a travel memo, developed a working draft agenda, coordinated with Missouri DOT on the technical site visit and guest presentations, secured a meeting space, researched hotel arrangements, worked with MoDOT staff on the meeting logistics, arranged air travel for No Boundaries members.
--Continued to reach out to TAC members and funding contacts regarding transfers and payments for FFY22 and commitments for FFY23; kept budget and tracking spreadsheets up-to-date.
commitments for FFY23; kept budget and tracking spreadsheets up to date.

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.

Anticipated work next quarter:

A. General
--Conduct ongoing management and record keeping.
--Develop and draft Task Order 4.
--Develop a timeline and steps for the next phase of the pooled fund study.

B. Administration
--Complete the planning for and held a hybrid in-person/virtual TAC Peer Exchange from April 25-26 2023, in St. Peters/Columbia, MO.
----Planning includes finalizing the meeting agenda, technical site visit details, guest presentations, hotel accommodations and meeting logistics, as well as booking remaining member flights.
----Onsite activities includes facilitating and documenting the meeting.
----Follow-up activities include posting meeting materials, creating a meeting summary presentation for members to use within their agencies and assisting with member reimbursements.
--Plan and hold Steering Committee meeting on May 4, 2023.
--Plan and hold a TAC teleconference, late July/early August, 2023.

C. Communication
--Continue writing and sending weekly news emails to the No Boundaries email distribution list.
--Draft an article, working title "No Boundaries: A Pooled Fund Dedicated to Sharing Transportation Innovations", for TR News to appear in the May 2024 edition on Innovation.
--Onboard new TAC members and new No Boundaries Member agencies as needed.

D. Research
--Continue coordinating quick-turnaround surveys at individual member's request.
--Continue collecting/creating innovations to add to the innovations database, including items in partnership with FHWA and the Build a Better Mousetrap program.

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.