# 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:** 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 |
|---|---|---|
| $471,101.63 | $387,580.81 | 82% |

***Quarterly*** Project Statistics:

| Total Project Expenses and Percentage This Quarter | Total Amount of Funds Expended This Quarter | Total Percentage of Time Used to Date |
|---|---|---|
| $49,964.53 and 13% | $49,964.53 | 38% |

**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

--Finalized Task Order 3; conducted work in categories A-E below identified on that new Task Order.
--Conducted ongoing management and record keeping.
-- Updated membership roster, including updated technical and research staff from member states.

B. Administration

--Planned and facilitated a Technical Advisory Committee (TAC) planning and business meeting on September 2, 2022 and documented it in detail for members only on the No Boundaries website.
--Planned and facilitated a Steering Committee meeting on September 26, 2022 and documented in detail for members.
--Planned an in-person TAC Peer Exchange from October 17-18 2022 in Indianapolis, IN.
----Created and revised a working draft agenda, coordinated with Indiana DOT on the technical site visit and guest presentations, finalized a meeting space, researched and finalized hotel arrangements, worked with INDOT 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 FFY21/FFY22 and 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.
--Coordinated quick-turnaround surveys and forwarded formal surveys at individual members' request.
----Pothole patching (Michigan ODT), landscape fabric holders (Maine DOT), teleoperated mowing (Caltrans)
--Supported onboarding of new members (Utah DOT) and new representatives of existing members (Idaho

**Anticipated work next quarter**:

A. General
--Conduct ongoing management and record keeping.
--Develop, draft and finalize an amendment to Task Order 3.

B. Administration
--Finalize the planning and hold the fall TAC Peer Exchange meeting from October 18-19, 2022 in Indianapolis, IN. Includes managing meeting logistics, facilitating and documenting the meeting, and posting meeting notes and documents on the No Boundaries website.
--Begin planning for the spring TAC Peer Exchange meeting in April 2023 in Missouri.
--Plan and hold a Steering Committee meetings on November 8, 2022.
--Work with the TAC on finalizing the No Boundaries mission statement.

C. Communication
--Continue writing and sending weekly news emails to the No Boundaries email distribution list.
--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
--Continue work on the ancillary asset management synthesis pending TAC approval to proceed.

E. Marketing and Recruitment
--Update No Boundaries website with latest program information.
---Pending finalization of a new mission statement, create a one-pager that can live on the website for members to download and use as they need it when speaking to others about No Boundaries.

**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.