

Maintenance

AUGUST 2022

Project Title:
No Boundaries Transportation
Maintenance Innovations - TPF-
5(441)

Task Number: 3735

Start Date: July 1, 2021

Completion Date: June 30, 2023

Task Manager:
Hamid Ikram
Transportation Engineer (Electrical)
hamid.ikram@dot.ca.gov

No Boundaries Transportation Maintenance Innovations

This project provides a forum for state Departments of Transportation (DOTs) to share their maintenance innovations with each other.

WHAT IS THE NEED?

Implementation of new technologies is important to enhance the safety of our employees in work zones and change how we do business by improving our products and services. The implementation of new innovations requires considerable resources (time and money) to integrate the technologies into day to day business practices for State Departments of Transportation (DOTs). This project provides a forum for State DOTs to share their maintenance innovations with each other, and support technology transfer activities.

WHAT ARE WE DOING?

Through this transportation pooled fund project, the Colorado DOT works with other participating State DOTs to facilitate the transfer of knowledge for promising maintenance innovations and technologies. This project provides a forum for State DOTs to share their maintenance innovations with each other, supports technology transfer activities and develop marketing and deployment plans for selected maintenance innovations. A searchable database created in this project can be used to find maintenance innovations and best practices.

WHAT IS OUR GOAL?

The goal of this project is to improve the safety of highway workers and travelling public by promoting maintenance innovations and best practices among participating State DOTs and allowing them to learn from each other in a coordinated effort.



DRISI provides solutions and
knowledge that improves
California's transportation system

WHAT IS THE BENEFIT?

This project will help State DOTs save time and money by not investing in the same type of research that has already been performed and implemented by other State DOTs. This will allow State DOTs to work together and help them utilize the research and experiences of participating State DOTs.

WHAT IS THE PROGRESS TO DATE?

Theresa Drum from Caltrans Division of Maintenance is the technical representative for this project. Project panel meetings were held on June 7, August 17, and December 6, 2021. A peer exchange meeting was held during September 14 and 15, 2021 in Denver Colorado. Theresa Drum provided a presentation on "Caltrans Maintenance Program Update". Caltrans (Theresa Drum) hosted a peer exchange meeting in Sacramento, California from May 3rd to May 5th, 2022 and provided demonstrations on some of the maintenance innovations currently being used and researched by Caltrans. Contractor incorporated maintenance related innovations from Federal Highway Administration's 2021 "Build a Better Mousetrap" program into this project's innovation database.