

Maintenance

OCTOBER 2022

Project Title:
Balsi Beam Implementation
Research

Task Number: 4193

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Completion Date: June 28, 2023

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

Balsi Beam Implementation Research

The goal is to help maintenance personnel identify the type of maintenance activities in which they can use Balsi Beam.

WHAT IS THE NEED?

There is a need to develop guidelines and procedures for the safe and effective implementation of Balsi Beam in highway maintenance and construction tasks. The goal is to recommend guidelines for effective utilization of Balsi Beam in appropriate highway maintenance and construction work zones. These guidelines can then be included in Caltrans maintenance manuals and will facilitate more use of the Balsi Beam in highway work zones resulting in improved safety for maintenance workers.

WHAT ARE WE DOING?

This project plans to perform research on where and under what conditions the Balsi Beam system can provide the best benefits at a work zone and develop draft guidance documents for updating the Caltrans maintenance manual.

WHAT IS OUR GOAL?

The goal of this project is to help maintenance personnel identify the type of maintenance activities in which they can use Balsi Beam.

WHAT IS THE BENEFIT?

The results of this project are expected to improve worker safety based on recommending guidelines for utilization of Balsi Beam in different maintenance and construction operations. It will also enhance the use of existing Caltrans Balsi beam units.



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WHAT IS THE PROGRESS TO DATE?

The kick-off meeting of this project was held on August 19, 2022, and a project panel meeting was held on September 19, 2022.

IMAGES



Image 1: Balsi Beam, Mobile Work Zone Barrier