

California Sustainable Freight Action Plan: Pilot Project Ideas

Project Title: I-80 WIM Station Repairs & WB Auxilliary Lane into Truck Scales

Name & Contact Information

Caltrans District 3

703 B Street, Marysville, CA 95901

Contact: **Marlon Flournoy**

marlon.flournoy@dot.ca.gov

PROJECT LOCATION

Interstate-80 (I-80), Sacramento County, Post mile 15.2 to 17.0

PROJECT EXECUTIVE SUMMARY

In Citrus Heights, from East Elkhorn Boulevard/Greenback Lane to west of Riverside Avenue. Upgrade weigh-in-motion (WIM) station and associated approach/departure paving, and widen the westbound auxiliary lane to the Antelope Scales.

PROJECT DESCRIPTION

I-80 is one of the Primary Freight Corridor that connects the Sacramento region to the Bay Area and all the way to the State of Nevada. Due to the high demand of heavy duty trucks using the scales, the existing ramp lengths are short and the single lane does not have sufficient capacity storage for loaded and empty trucks. The WIM station at this location also outlived its service life and is in need of replacement. The concrete paving around the sensors is cracked and will need repair.

The purpose of this project is to replace the WIM station sensors and the associated electronics, provide an additional lane capacity for trucks accessing the scale to eliminate the truck backups on the auxiliary lanes and the adjacent mainline line. This freight infrastructure project will provide accurate truck weight measurements to collect truck traffic census data mandated by Federal Highway Administration (FHWA), and can improve highway system performance by eliminating or reducing truck stop times at static weigh-controlling stations. This project will allow trucks to cross smoothly and nearly perpendicular to the WIM sensors. It will expedite mobility for trucks and will help in the greenhouse gas (GHG) reduction preventing long idle for truck weigh measurements.

ESTIMATED COST FOR IMPLEMENTATION AND EXISTING FUNDING COMMITMENTS

Estimated total project cost for implementing this project is \$ 5,540,000. The cost includes capital and support. This project is included in the 2016 Draft State Highway Operation and Protection Program (SHOPP) and is expected to receive funding during the program year 2018/2019.

This project is expected to be fully funded in Fiscal Year 2016 SHOPP for the funding program code number 201.321 Weigh Stations & Weigh-In-Motion Facilities Program. No funding constraints or limitations are expected.

PA&ED/PS&E	\$	950,000
RW/Support	\$	100,000
RW/Capital	\$	50,000
Construction/Support	\$	740,000
Construction/Capital	\$	3,700,000

TIMELINE



MEANS FOR MEASURING PROGRESS TOWARD MEETING GOALS OVER TIME

Improved level of service (LOS) within the corridor segment and improved time going through the scales. A decreased number or no (zero) WIM scale facility shut down.

DESCRIPTION OF THE POTENTIAL ROLES EACH OF THE INTERAGENCY PARTNERS COULD PROVIDE TO SUPPORT THE PROJECT'S IMPLEMENTATION

The California State Transportation Agency (CalSTA), California Environmental Protection Agency (CalEPA), and the California Natural Resources Agency can help provide support in funding the implementation of this project.

The California Department of Transportation (Caltrans) will be the lead agency in programming and managing the project. Caltrans will also coordinate with California Highway Patrol (CHP) in the operations of the project.