

Anton Anderson Memorial (Whittier) Tunnel - Precast Concrete Panel Invert Preservation

FY2015 Request: \$1,450,000
Reference No: 58611

AP/AL: Allocation

Project Type: Construction

Category: Transportation

Location: Whittier

House District: Kodiak/Cordova (HD 35)

Impact House District: Kodiak/Cordova (HD 35)

Contact: Jeff Ottesen

Estimated Project Dates: 07/01/2014 - 06/30/2021

Contact Phone: (907)465-4070

Appropriation: Surface Transportation Program

Brief Summary and Statement of Need:

This project replaces the asphalt in the rail insert that protects it from water and reduces corrosion. This will extend the life of the rail and extend the time before it will need to be replaced. Sealing the cracks will prevent corrosion of the rebar and extend the performance life of the concrete panel invert.

Funding:	<u>FY2015</u>	<u>FY2016</u>	<u>FY2017</u>	<u>FY2018</u>	<u>FY2019</u>	<u>FY2020</u>	<u>Total</u>
Fed Rcpts	\$1,450,000						\$1,450,000
Total:	\$1,450,000	\$0	\$0	\$0	\$0	\$0	\$1,450,000

<input checked="" type="checkbox"/> State Match Required	<input checked="" type="checkbox"/> One-Time Project	<input type="checkbox"/> Phased - new	<input type="checkbox"/> Phased - underway	<input type="checkbox"/> On-Going
9% = Minimum State Match % Required		<input type="checkbox"/> Amendment	<input type="checkbox"/> Mental Health Bill	

Operating & Maintenance Costs:

	<u>Amount</u>	<u>Staff</u>
Project Development:	0	0
Ongoing Operating:	0	0
One-Time Startup:	0	
Totals:	0	0

Prior Funding History / Additional Information:

No prior funding history

Project Description/Justification:

Asphalt pavement was placed in the rail insert of the precast concrete panels to protect the rail from corrosion and provide a smooth driving surface for highway traffic. The asphalt pavement has started to degrade which results in a rough driving surface and allows water to corrode the rail which reduces the performance life of the rail.

Approximately 15% of the concrete panel invert has cracks that need to be sealed to prevent water from intruding into the panels and corrode the rebar.