

Alaska Railroad - Milepost 407 and 409 Riprap Project**FY2011 Request:****\$656,240****Reference No:****49636****AP/AL:** Allocation**Project Type:** Construction**Category:** Transportation**Location:** Nenana**Contact:** Frank Richards**House District:** Interior Villages (HD 6)**Contact Phone:** (907)465-3900**Estimated Project Dates:** 07/01/2010 - 06/30/2015**Appropriation:** Surface Transportation Program**Brief Summary and Statement of Need:**

This is a new FY11 capital request. The rip rap placement at MP 407 and 409 will reinforce the track embankment through this corridor. The improved track embankment protection will make rail operations that transport freight commodities more reliable, with fewer service interruptions. This project contributes to the Department's Mission by reducing injuries, fatalities and property damage and by improving the mobility of people and goods.

Funding:	<u>FY2011</u>	<u>FY2012</u>	<u>FY2013</u>	<u>FY2014</u>	<u>FY2015</u>	<u>FY2016</u>	<u>Total</u>
Fed Rcpts	\$656,240						\$656,240
Total:	\$656,240	\$0	\$0	\$0	\$0	\$0	\$656,240

<input 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
0% = 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
<u>One-Time Startup:</u>	<u>0</u>	<u>0</u>
Totals:	0	0

Additional Information / Prior Funding History:

The Alaska Railroad has applied for a federal grant for this project. The Federal Railroad Administration funds will need to go through the department to the railroad. The Alaska Railroad (ARR) is responsible for the match funds for this project.

Project Description/Justification:

The MP 407 and MP 409 Rip Rap project is located in the Nenana, Alaska area. The mainline in this location is approximately two to four miles south of Nenana, Alaska, along the Seventeen Mile Slough just south of its confluence with the Nenana River. Since 1985, the ARR has continually funded track structure stabilization along this corridor. Along this area of the ARR mainline, the Nenana River and Seventeen Mile Slough twist through the area abutting the ARR mainline track at multiple points. This corridor provides a vital link for the transportation of natural and refined resources (e.g. coal and fuel) from the interior of Alaska to tidewater. The mainline also supports passenger transportation activities. Flooding in the Nenana corridor, caused by heavy rainfall, resulted in the September, 2008 disaster declaration. The damage realized to the ARR track structure has prompted additional project specific plans to be developed through the Nenana area to further protect the mainline track and support track integrity during future high water events.

The MP 407 work scope involves construction of erosion protection in the form of rip rap armament along approximately 800 feet of embankment between MP 407.3 and MP 407.5 at the impingement

point, and along the channel of the slough. Approximately 5,000 tons of rip rap will be placed to protect the embankment and provide future protection from the scouring forces of the river.

The MP 409 work scope will also involve construction of erosion protection, in the form of rip rap armament, along approximately 1,500 feet of embankment between MP 409.7 and MP 410. This will also address an impingement point and the channel of the slough that abuts the mainline track structure. Approximately 9,000 tons of rip rap will be placed to protect the embankment and provide future protection from the scouring forces of the river.