

Congestion Mitigation and Air Quality (CMAQ): PM 2.5 Reductions

FY2012 Request: \$6,500,000
Reference No: AMD 43313

AP/AL: Allocation

Project Type: Life / Health / Safety

Category: Transportation

Location: Fairbanks Areawide

House District: Fairbanks Areawide (HD 7-11)

Impact House District: Fairbanks Areawide (HD 7-11)

Contact: Pat Kemp

Estimated Project Dates: 07/01/2011 - 06/30/2018

Contact Phone: (907)465-3900

Appropriation: Surface Transportation Program

Brief Summary and Statement of Need:

This amendment to the Governor's FY12 capital budget adds \$2,000,000 of federal funds for a new requested total of \$6,500,000 due to cost estimate increases. This project aims to monitor and analyze the Particulate Matter (PM) 2.5 air quality in the Fairbanks Metropolitan Area Transportation Systems Metropolitan Planning Organization (MPO) to determine the contribution from mobile and stationary sources, define the boundary of area exceeding National Ambient Air Quality Standards (NAAQS) and document potential high concentration areas and their causes.

Funding:	<u>FY2012</u>	<u>FY2013</u>	<u>FY2014</u>	<u>FY2015</u>	<u>FY2016</u>	<u>FY2017</u>	<u>Total</u>
Fed Rcpts	\$6,500,000	\$2,000,000					\$8,500,000
Total:	\$6,500,000	\$2,000,000	\$0	\$0	\$0	\$0	\$8,500,000

<input type="checkbox"/> State Match Required	<input type="checkbox"/> One-Time Project	<input type="checkbox"/> Phased - new	<input checked="" type="checkbox"/> Phased - underway	<input type="checkbox"/> On-Going
0% = Minimum State Match % Required		<input checked="" 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

Additional Information / Prior Funding History:

\$1,879,000 - Ch 43 SLA 2010 Sec 7 pg 45 ln 25; \$1,160,000 - Ch 15 SLA 2009 Sec 1 pg 31 ln 20; \$910,000 - Ch 30 SLA 2007 Sec 4 pg 113 ln 17.

Project Description/Justification:

Fairbanks currently experiences 25 - 30 days per year with measured PM 2.5 concentrations in excess of the NAAQS. Excessive PM 2.5 concentrations are linked to increased human health issues. Diesel and gasoline powered vehicles are among the suspected emission sources. Definitive information on the aerial extent, severity and specific source contributions is required to make informed decisions on reduction efforts. The Fairbanks North Star Borough and the Department of Environmental Conservation will need monitoring results to implement an effective PM 2.5 State Improvement Plan if Fairbanks is designated a PM 2.5 non-attainment area.

Previous authorization has funded preparation of a PM 2.5 conformity determination for short and long term transportation plans, and individual projects in the entire non-attainment area within the Fairbanks North Star Borough; funded vehicle volume, classification, and speed counts within the PM 2.5 non-attainment areas; conducted a baseline study of local road vehicle miles traveled; and

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updated the traffic model.