

Fairbanks North Star Borough: Voluntary Oxygen Sensor Replacement **FY2005 Request: \$890,000**
Reference No: 39140

AP/AL: Allocation **Project Type:** Equipment
Category: Transportation
Location: Fairbanks Areawide **Contact:** John MacKinnon
House District: Fairbanks Areawide (HD 7-11) **Contact Phone:** (907)465-6973
Estimated Project Dates: 07/01/2004 - 06/30/2009
Appropriation: Surface Transportation Program

Brief Summary and Statement of Need:

Replace oxygen sensors on older model light duty vehicles in the Fairbanks North Star Borough (FNSB). Prior testing done in Alaska indicates that sensors have a high failure rate after 10 years of service resulting in significant increases in carbon monoxide (CO) emissions. This is a Control Strategy recommended in the Borough's new air quality plan. This project contributes to the Department's Mission by reducing injuries, fatalities and property damage.

Funding:	FY2005	FY2006	FY2007	FY2008	FY2009	FY2010	Total
Fed Rcpts	\$890,000						\$890,000
Total:	\$890,000	\$0	\$0	\$0	\$0	\$0	\$890,000

<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	0
Totals:	0	0

Additional Information / Prior Funding History:

None.

Project Description/Justification:

This project addresses carbon monoxide, CO, a pollutant in which the FNSB has been declared a non-attainment area. Beginning in 1985, the FNSB utilized the Inspection and Maintenance (I/M) program as the primary CO control strategy. Although levels of CO have been significantly reduced, Fairbanks remains susceptible to further violations due to severe meteorological conditions. Therefore, additional CO control measures are required to ensure future compliance with National Ambient Air Quality Standard.