

Anchorage: Traffic Control Signalization**FY2005 Request: \$300,000****Reference No: 39107****AP/AL:** Allocation**Project Type:** Construction**Category:** Transportation**Location:** Anchorage Areawide**Contact:** John MacKinnon**House District:** Anchorage Areawide (HD 17-32) **Contact Phone:** (907)465-6973**Estimated Project Dates:** 07/01/2004 - 06/30/2009**Appropriation:** Surface Transportation Program**Brief Summary and Statement of Need:**

Program would provide efficiencies with better/more updated signal timing plans to address intersection congestion and improving air quality. Existing corridor timing plans will be evaluated and refined. Funding will also support development of a Traffic Management Center. The revised timing plans will include emergency vehicle pre-emption where appropriate and possibly corporate transit priority. 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:	FY2005	FY2006	FY2007	FY2008	FY2009	FY2010	Total
Fed Rcpts	\$300,000						\$300,000
Total:	\$300,000	\$0	\$0	\$0	\$0	\$0	\$300,000

<input checked="" type="checkbox"/> State Match Required	<input type="checkbox"/> One-Time Project	<input checked="" 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 would be a new program in the Transportation Improvement Plans (TIP), under the management of the Municipality of Anchorage (MOA) Traffic Department. The program would provide needed funding to be more proactive in our efforts to improve the efficiency of our system with better/ more updated signal timing plans. Improving signal timing is often one of the most cost efficient means of improving air quality by reducing congestion. As the number of signals has increased the need for better traffic signal coordination has increased. This program will allow a more proactive evaluation of traffic corridors to improve flow. Decreased congestion will improve the signal operations and response time for both emergency vehicles and transit.

Signal pre-emption and priority capabilities will also be evaluated.

The Municipality is working with the Anchorage Fire Department to expand locations where emergency preemption is installed and activated. If instituted, transit priority may allow transit vehicles to more consistently maintain their schedule when faced with an uncommon traffic incidents causing delay. Traffic signal priority capabilities could allow busses to minimally alter the signal timing for a cycle and move through intersections more efficiently.

In addition, the funding would support the development of a Traffic Management Center in the Traffic Department. The Traffic Management Center would provide a centralized location for signal timing modifications and monitoring.