Anchorage Metropolitan Area Transportation Solutions (AMATS) - Traffic Control Signalization

FY2015 Request: **$700,000**
Reference No: **39107**

AP/AL: Allocation
Project Type: Construction
Category: Transportation
Location: Anchorage Areawide
House District: Anchorage Areawide (HD 11-27)
Impact House District: Anchorage Areawide (HD 11-27)
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:
Program would provide efficiencies with better/more updated signal timing 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.

Funding:	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	Total
Fed Rcpts	$700,000						$700,000
Total:	$700,000	$0	$0	$0	$0	$0	$700,000

☐ State Match Required ☐ One-Time Project ☐ Phased - new ☑ Phased - underway ☐ On-Going
0% = Minimum State Match % Required ☐ Amendment ☐ Mental Health Bill

Operating & Maintenance Costs:

	Amount	Staff
Project Development:	0	0
Ongoing Operating:	0	0
One-Time Startup:	0	
Totals:	0	0

Prior Funding History / Additional Information:
Sec13 Ch29 SLA2008 P167 L31 SB221 $155,000
Sec4 Ch30 SLA2007 P112 L5 SB53 $250,000

Per the Department's cost sharing policy, the community must provide the match for this project.

Project Description/Justification:
This program will provide needed funding to be more proactive in the Municipality of Anchorage's (MOA's) efforts to improve the efficiency of their 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 MOA is working with the Anchorage Fire Department to expand locations where emergency pre-emption is installed and activated. If instituted, transit priority may allow transit vehicles to more consistently maintain their schedule when faced with uncommon traffic incidents causing delay. Traffic signal priority capabilities could allow buses to minimally alter the signal

timing for a cycle and move through intersections more efficiently.