

**Central Region - Intelligent Transportation System (ITS)
Signal Control Upgrades**

**FY2014 Request: \$3,000,000
Reference No: 49630**

AP/AL: Allocation

Project Type: Construction

Category: Transportation

Location: Southcentral Alaska

House District: Southcentral Region (HD 7-30)

Impact House District: Southcentral Region (HD 7-30) **Contact:** Pat Kemp

Estimated Project Dates: 07/01/2013 - 06/30/2020 **Contact Phone:** (907)465-3900

Appropriation: Surface Transportation Program

Brief Summary and Statement of Need:

This project will modernize the signal communications and equipment in the Matanuska Susitna and Kenai Peninsula Boroughs to improve safety, traffic flow, reduce delay and congestion, save energy, and save user costs. Items include: a controller, cabinet equipment, communications, Closed Circuit Television (CCTV), and traffic management center upgrades.

Funding:	<u>FY2014</u>	<u>FY2015</u>	<u>FY2016</u>	<u>FY2017</u>	<u>FY2018</u>	<u>FY2019</u>	<u>Total</u>
Fed Rcpts	\$3,000,000						\$3,000,000
Total:	\$3,000,000	\$0	\$0	\$0	\$0	\$0	\$3,000,000

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

Prior Funding History / Additional Information:

Sec7 Ch43 SLA2010 P45 L13 SB230 \$2,000,000

Project Description/Justification:

The development and implementation of coordinated signal plans will take into account the volume of traffic and the spacing of signals, varying by time of day, day of week, season, special event, and have to adapt to growth. Cameras will permit traffic engineers to respond to changing conditions with appropriate isolated location and coordinated signal system timing and provide real time travel information to the public. As stops are reduced and made more predictable there will be a reduction in rear end accidents. These technologies will make it possible in the future for local governments to take over management of the signals at a lower cost. Part of this and future authorization is expected to go to the Municipality of Anchorage to assist with their upgrades which include replacing failing obsolete controllers for which repairs parts are no longer available.