

Yakutat - Airport Runway, Taxiway and Apron Rehabilitation

FY2016 Request: \$10,000,000
Reference No: 58648

AP/AL: Allocation
Category: Transportation
Location: Yakutat

Project Type: Construction
House District: Kodiak/Cordova/Seldovia (HD 32)
Contact: Jeff Ottesen

Impact House District: Kodiak/Cordova/Seldovia (HD 32)

Estimated Project Dates: 07/01/2015 - 06/30/2020
Appropriation: Airport Improvement Program

Brief Summary and Statement of Need:

This project will include milling and patching the existing surface, and the construction of a new surface that is designed to mitigate the effects of the high groundwater. Additional work will include pavement improvements in adjacent taxiway and apron areas as necessary.

Funding:	<u>FY2016</u>	<u>FY2017</u>	<u>FY2018</u>	<u>FY2019</u>	<u>FY2020</u>	<u>FY2021</u>	<u>Total</u>
Fed Rcpts	\$10,000,000						\$10,000,000
Total:	\$10,000,000	\$0	\$0	\$0	\$0	\$0	\$10,000,000

<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
5% = 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>	0	0
Totals:	0	0

Prior Funding History / Additional Information:
 Sec1 Ch18 SLA2014 P70 L22 SB119 \$10,000,000

Project Description/Justification:

Pavement on Yakutat's primary runway has a low Pavement Condition Index (PCI) and requires resurfacing. The combination of Yakutat's flat topography which does not facilitate effective drainage and its high ground water has resulted in ice blisters in the runway (small, raised areas that result from ice forming under the pavement) and relatively rapid deterioration of the runway pavement.

This project will include milling and patching the existing surface, and the construction of a new surface that is designed to mitigate the effects of the high groundwater. Additional work will include pavement improvements in adjacent taxiway and apron areas as necessary. Recent investigation by design staff has resulted in recommendations to raise Runway 29 threshold and to make cross section improvements at the crosswind runway intersection. Both of these actions would further improve drainage and contribute to a longer service life of the new pavement. Additional cost will also result from the thickness of pavement in the new runway surface and the importation of aggregate necessary to meet pavement specifications.

This project contributes to the Department's Mission by providing safe airports that meet users'

**Yakutat - Airport Runway, Taxiway and Apron
Rehabilitation**

**FY2016 Request: \$10,000,000
Reference No: 58648**

needs.