

Dalton Highway Corridor Surface Repairs**FY2013 Request: \$7,500,000****Reference No: 50785****AP/AL:** Allocation**Project Type:** Renewal and Replacement**Category:** Transportation**Location:** Statewide**House District:** Statewide (HD 1-40)**Impact House District:** Statewide (HD 1-40)**Contact:** Pat Kemp**Estimated Project Dates:** 07/01/2012 - 06/30/2017**Contact Phone:** (907)465-3900**Appropriation:** Asset Management**Brief Summary and Statement of Need:**

The Dalton Highway is a heavily used highway running adjacent to the northern half of the Alyeska pipeline. It is imperative to pipeline and oil field operations, as well as for continued revenue to the State, to continue to improve and maintain this important state asset. This funding will provide heavy maintenance for the highway and aviation facilities in the Dalton Corridor. The continued surface maintenance on the Dalton Highway includes resurfacing and raising grades, dust palliative, drainage repairs, guardrail repair/replacement, and stockpiling material.

Funding:	FY2013	FY2014	FY2015	FY2016	FY2017	FY2018	Total
Gen Fund	\$7,500,000						\$7,500,000
Total:	\$7,500,000	\$0	\$0	\$0	\$0	\$0	\$7,500,000

<input 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
0% = 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	
Totals:	0	0

Additional Information / Prior Funding History:

None.

Project Description/Justification:

This project involves safety, since the Dalton Highway is a critical access route to the Prudhoe Bay oilfields, and this upgrade work is intended to decrease operating costs for everyone transiting to/from Deadhorse. The specific sub-projects anticipated to be performed with these funds are:

MP 19-23: Shape and repair slopes below the road shoulders, and either fill or armor embankment failures and subsidence where traffic and time has caused worsening roadway surface problems.

MP 90-175: Prepare existing road surface – including undulation repairs – shape and compact, then perform “high float” pavement application to optimize traffic movements.

MP 209-415: Apply calcium chloride dust palliative at various stretches of roadway that have not been paved, to provide dust suppression, and reduce need for maintenance grading.

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MP 315-321: Identify, extract and place fill to roadway in order to raise the elevation of the traveled way (several feet), lessening the frequency of snow drift accumulation and improving the structural integrity of the roadway prism. This will improve overall maintainability.

MP 334-362: Prepare existing road surface – including undulation repairs – shape and compact, then perform “high float” pavement application to optimize traffic movements.

MP 358: Place structural fill atop roadway in order to raise the elevation of the traveled way (several feet), lessening the frequency of snow drift accumulation and improving the overall structural integrity of the roadway prism. Then perform “high float” pavement application to optimize traffic movements.

This project contributes to the Department's Mission by reducing injuries, fatalities and property damage and by improving the mobility of people and goods.