

Dalton Corridor Surface Repairs**FY2014 Request: \$7,000,000****Reference No: 50785****AP/AL:** Allocation**Project Type:** Construction**Category:** Transportation**Location:** Dalton Highway**House District:** Bering Straits/Interior Villages (HD 39)**Impact House District:** Bering Straits/Interior Villages (HD 39)**Contact:** Pat Kemp**Estimated Project Dates:** 07/01/2013 - 06/30/2018 **Contact Phone:** (907)465-3900**Appropriation:** Asset Management**Brief Summary and Statement of Need:**

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

Funding:	<u>FY2014</u>	<u>FY2015</u>	<u>FY2016</u>	<u>FY2017</u>	<u>FY2018</u>	<u>FY2019</u>	<u>Total</u>
AIDEA Div	\$7,000,000						\$7,000,000
Total:	\$7,000,000	\$0	\$0	\$0	\$0	\$0	\$7,000,000

<input type="checkbox"/> State Match Required	<input type="checkbox"/> One-Time Project	<input type="checkbox"/> Phased - new	<input type="checkbox"/> Phased - underway	<input checked="" 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

Prior Funding History / Additional Information:

With the funding received in the FY2013 Capital Budget, DOT&PF has been able to better serve the needs of the travelling public and industries served by the Dalton Corridor. However, the 495 mile corridor between Fairbanks and Deadhorse requires continual, costly maintenance to remain a safe, passable roadway.

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 0-9 Widen and resurface the existing roadway by increasing shoulder width on both sides, and improve surface performance by applying calcium chloride for surface treatment.

MP 89-90 Design and construct extensive embankment and sub-grade solutions, including placement of separation geotextile material and template drainage to stabilize this troublesome road section.

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

MP 111 Design and construct localized roadbed repair at Beaver Slide zone, inserting geotextile barrier at depth, thus providing embankment strengthening and top roadbed with new surfacing.

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

Other parts of the Pipeline Corridor road upgrade program of work:

Elliott Hwy MP 50-52: Drill to confirm depth and location of ice lens problems, causing serious road failures, and design/construct embankment repairs, provide new asphalt surfacing.

Elliott Hwy MP 60: Design and construct embankment repairs, provide new asphalt surfacing.