

Dalton Highway: Milepost 9 to 11**FY2010 Request: \$26,300,000****Reference No: 47691****AP/AL:** Appropriation**Project Type:** Gasline**Category:** Transportation**Location:** Statewide**Contact:** Frank Richards**House District:** Statewide (HD 1-40)**Contact Phone:** (907)465-3900**Estimated Project Dates:** 07/01/2009 - 06/30/2013**Brief Summary and Statement of Need:**

The 414 - mile long Dalton Highway is the sole ground transportation link to the revenue lifeblood of Alaska, the North Slope oil fields. Over the last two decades the roadway surface and roadside drainage structures have fallen into disrepair due to insufficient funding. This project contributes to the Department's Mission by reducing injuries, fatalities and property damage and by improving the mobility of people and goods.

Funding:	<u>FY2010</u>	<u>FY2011</u>	<u>FY2012</u>	<u>FY2013</u>	<u>FY2014</u>	<u>FY2015</u>	<u>Total</u>
AHCC Rcpts	\$4,300,000						\$4,300,000
AIDEA Div	\$22,000,000						\$22,000,000
Total:	\$26,300,000	\$0	\$0	\$0	\$0	\$0	\$26,300,000

<input type="checkbox"/> State Match Required	<input checked="" type="checkbox"/> One-Time Project	<input 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	0
Totals:	0	0

Additional Information / Prior Funding History:

FY2007 - \$4,250,000 Federal Receipts, FY2006 - \$2,800,000 Federal Receipts.

Project Description/Justification:

Realign, reconstruct and widen the embankment, provide pavement structure and improve drainage. This section of roadway has a narrow surface, sharp curves, steep grades and poor surface drainage. Existing conditions show a 24' width as well as some sections with vertical grades as steep as 13% and 9 horizontal curves tighter than standard. The project will reduce these grades to a 7% maximum and keep the degree of curvature for horizontal curves at a 6.75 degree maximum.

Designing to these standards will require a massive amount of dirt work, i.e., approximately 2 million cubic yards of excavation and 500,000 cubic yards of fill. Most of the excavation is in ice-rich areas requiring staged construction activities and excessive erosion and sediment control. Construction will be staged (two separate contracts) to allow time for re-stabilization after initial excavation and before final embankment construction and surfacing.

The Dalton Highway Corridor from Fairbanks to Prudhoe Bay is vital to North Slope oil and gas development. This highway is a statewide priority and provides the sole ground transportation link to Alaska's major revenue source. Overland access to these resources is critical to their continued development, to Alyeska Pipeline operation and maintenance and to future gas pipeline construction.

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Truck traffic is expected to continue to grow as continued oil and gas development requires increasing amounts of drill pipe, materials for production facilities and other supplies. Traffic growth is expected to accelerate significantly with construction of the planned gas pipeline.