

Airport Improvement Program

FY2011 Request: \$18,250,000

Reference No: 7470

AP/AL: Appropriation with Allocations

Project Type: Construction

Category: Transportation

Location: Statewide

Contact: Steve Hatter

House District: Statewide (HD 1-40)

Contact Phone: (907)269-0724

Estimated Project Dates: 07/01/2010 - 06/30/2016

Brief Summary and Statement of Need:

Federal airport improvements as outlined in the Airport Improvement Program and the International Airports Program. This supplemental request is to align the total amount of federal authority available with projects that have developed a need for additional funding due to changes in project cost estimates, new phases of work determined to be needed, and unforeseen demands. These projects are either already underway, or need to go out for bid in what remains of FY 2011 in order to complete the project in the upcoming construction season.

Funding:	<u>FY2011</u>	<u>FY2012</u>	<u>FY2013</u>	<u>FY2014</u>	<u>FY2015</u>	<u>FY2016</u>	<u>Total</u>
Fed Rcpts	\$18,250,000						\$18,250,000
Total:	\$18,250,000	\$0	\$0	\$0	\$0	\$0	\$18,250,000

<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
<u>One-Time Startup:</u>	<u>0</u>	<u>0</u>
Totals:	0	0

Additional Information / Prior Funding History:

\$267,940,500 - Ch 43 SLA 2010 Sec 1 pg 39 ln 13; \$362,126,491- Ch 15 SLA 2009 Sec 1 pg 23 ln 9; \$327,418,555 - Ch 29 SLA 2008 Sec 4 pg 7 ln 21, Sec 13 pg 161 ln 33; \$193,283,481 - Ch 30 SLA 2007 Sec 4 pg 105 ln 27, Sec 20(a)(b) pg 148 ln 25,27, Sec(c) pg 149 ln 1; \$341,857,101 - Ch 82 SLA 2006 Sec 1 pg 88 ln 32; \$488,150,111 - Ch 3 SLA 2005 Sec 1 pg 69 ln 11, Sec 32 pg 114 ln 31; \$234,841,788 - Ch 159 SLA 2004 Sec 1 pg 35 ln 22, Sec 29 pg 88 ln 4; \$331,877,778 - Ch 82 SLA 2003 Sec 1 pg 37 ln 24.

Cold Bay - Airport Pavement Rehabilitation**FY2011 Request: \$5,300,000****Reference No: 49164****AP/AL:** Allocation**Project Type:** Construction**Category:** Transportation**Location:** Cold Bay**Contact:** Steve Hatter**House District:** Bristol Bay/Aleutians (HD 37)**Contact Phone:** (907)269-0730**Estimated Project Dates:** 07/01/2010 - 06/30/2018**Appropriation:** Airport Improvement Program**Brief Summary and Statement of Need:**

Resurface Cold Bay Airports asphalt North Apron, Taxiway C and the turnaround for Runway 14. The condition of the existing asphalt is becoming hazardous to planes and difficult to maintain. 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>FY2011</u>	<u>FY2012</u>	<u>FY2013</u>	<u>FY2014</u>	<u>FY2015</u>	<u>FY2016</u>	<u>Total</u>
Fed Rcpts	\$5,300,000						\$5,300,000
Total:	\$5,300,000	\$0	\$0	\$0	\$0	\$0	\$5,300,000

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

Additional Information / Prior Funding History:

None.

Project Description/Justification:

The Department is taking steps to lower life cycle costs and improve pavement management by taking a more active role in pavement management and strategically addressing transportation assets. The existing asphalt is in serious condition making maintenance of the facility difficult. The Pavement Inspection Report lists the Pavement Condition Index (PCI) in the range that corresponds with the need to reconstruct or rehabilitate the pavement as determined by geotechnical recommendations during the design phase.

We are requesting authorization in the supplemental budget in order to advertise this project in the spring. We will not be able to construct the project in what remains of the construction season if we don't get authorization till after July 1st. This will delay the project at least one year. If completion in 2010 is not possible, the FAA may not be willing to offer an AIP grant in 2010 and we may need to substitute lower priority projects. Funding the lower priority projects could result in these projects being delayed more than a single year.

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Not funding these important pavement projects will be detrimental to the Department's efforts to provide better pavement management and reduce the backlog of deferred maintenance of paved airport facilities. Deferring pavement management projects can result in exponential construction cost increases.

Gustavus - Airport Runway Safety Area

FY2011 Request: \$2,250,000
Reference No: 48261

AP/AL: Allocation
Category: Transportation
Location: Gustavus
House District: Cordova/Southeast Islands (HD 5)

Project Type: Construction
Contact: Steve Hatter
Contact Phone: (907)269-0730

Estimated Project Dates: 04/17/2011 - 06/30/2017
Appropriation: Airport Improvement Program

Brief Summary and Statement of Need:

The Gustavus Airport Runway Safety Area (RSA) does not meet Federal Aviation Administration (FAA) standards for the size of the area surrounding a runway that protects aircraft that land short, over-run, or veer off the paved runway surface. This project consists of the design and construction of an expanded RSA that will meet standards and improve safety for all aircraft operating at Gustavus. 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>FY2011</u>	<u>FY2012</u>	<u>FY2013</u>	<u>FY2014</u>	<u>FY2015</u>	<u>FY2016</u>	<u>Total</u>
Fed Rcpts	\$2,250,000						\$2,250,000
Total:	\$2,250,000	\$0	\$0	\$0	\$0	\$0	\$2,250,000

<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
One-Time Startup:	0	0
Totals:	0	0

Additional Information / Prior Funding History:

FY2011 - \$500,000; FY2010 - \$10,000,000.

Project Description/Justification:

Additional authority is requested based on an updated engineers estimate that includes design changes for additional drainage and embankment work determined to be necessary.

Advertising is expected in mid-February 2011.

Talkeetna - Airport Improvement-Airport Apron Improvements

FY2011 Request: \$5,000,000
Reference No: 34727

AP/AL: Allocation

Project Type: Construction

Category: Transportation

Location: Talkeetna

Contact: Steve Hatter

House District: Rural Mat-Su (HD 15)

Contact Phone: (907)269-0730

Estimated Project Dates: 07/01/2010 - 06/30/2018

Appropriation: Airport Improvement Program

Brief Summary and Statement of Need:

Expand on the existing commercial, general aviation (GA) and transient aircraft parking. This request is to construct a new transient apron and embankment for the future GA and lease lot apron development, as well as construct fencing to partially enclose the airport perimeter, install signage and construct a pedestrian pathway to encourage tourists to keep away from the operational surfaces, and evaluate flood mitigation measures through hydrologic studies. 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>FY2011</u>	<u>FY2012</u>	<u>FY2013</u>	<u>FY2014</u>	<u>FY2015</u>	<u>FY2016</u>	<u>Total</u>
Fed Rcpts	\$5,000,000						\$5,000,000
Total:	\$5,000,000	\$0	\$0	\$0	\$0	\$0	\$5,000,000

<input checked="" 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
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:	25,000	0
One-Time Startup:	0	
Totals:	25,000	0

Additional Information / Prior Funding History:

\$5,300,000 - Ch 61 SLA 2001 Sec 1 pg 32 In 5; \$2,000,000 - Ch 135 SLA 2000 Sec 1 pg 28 In 29 (lapsed in FY10). Existing authorization will be combined with current request to fully fund the project.

Project Description/Justification:

The Talkeetna Airport is a very active commercial and GA airport that provides air taxi support for Denali/McKinley expeditions. The existing apron is at capacity and there is demonstrated demand for additional lease lot and tie down space. This project will address safety and will allow for increased economic activity in Talkeetna and surrounding area.

Maintenance and Operating costs will increase by approximately \$25,000 per year, beginning in 2013.

We are requesting authorization in the supplemental budget in order to advertise this project in the spring. We will not be able to construct the project in what remains of the construction season if we don't get authorization till after July 1st. This will delay the project at least one year. If completion in

**Talkeetna - Airport Improvement-Airport Apron
Improvements**

**FY2011 Request: \$5,000,000
Reference No: 34727**

2010 is not possible, the FAA may not be willing to offer an AIP grant in 2010 and we may need to substitute lower priority projects. Funding the lower priority projects could result in these projects being delayed more than a single year.

Not funding these important pavement projects will be detrimental to the Department's efforts to provide better pavement management and reduce the backlog of deferred maintenance of paved airport facilities. Deferring pavement management projects can result in exponential construction cost increases.

Talkeetna - Airport Pavement Rehabilitation

FY2011 Request: \$5,700,000

Reference No: 51606

AP/AL: Allocation

Project Type: Construction

Category: Transportation

Location: Talkeetna

Contact: Steve Hatter

House District: Rural Mat-Su (HD 15)

Contact Phone: (907)269-0730

Estimated Project Dates: 07/01/2010 - 06/30/2018

Appropriation: Airport Improvement Program

Brief Summary and Statement of Need:

The asphalt on the existing runways, apron, and taxiways is over 20 years old and in serious condition making maintenance of the facility difficult. The Pavement Condition Index (PCI) report listed the project as between 40 and 54, with the average weighted PCI a 47.29, far below the threshold of 70 PCI for runway surfaces. Funds will provide for rehabilitation of pavement on runway 18/36, apron and taxiways. 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>FY2011</u>	<u>FY2012</u>	<u>FY2013</u>	<u>FY2014</u>	<u>FY2015</u>	<u>FY2016</u>	<u>Total</u>
Fed Rcpts	\$5,700,000						\$5,700,000
Total:	\$5,700,000	\$0	\$0	\$0	\$0	\$0	\$5,700,000

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

Additional Information / Prior Funding History:

None.

Project Description/Justification:

We are requesting authorization in the supplemental budget in order to advertise this project in the spring. We will not be able to construct the project in what remains of the construction season if we don't get authorization till after July 1st. This will delay the project at least one year. If completion in 2010 is not possible, the FAA may not be willing to offer an AIP grant in 2010 and we may need to substitute lower priority projects. Funding the lower priority projects could result in these projects being delayed more than a single year.

Not funding these important pavement projects will be detrimental to the Department's efforts to provide better pavement management and reduce the backlog of deferred maintenance of paved airport facilities. Deferring pavement management projects can result in exponential construction cost increases.

Surface Transportation Program**FY2011 Request: \$32,960,000****Reference No: 32610****AP/AL:** Appropriation with Allocations**Project Type:** Construction**Category:** Transportation**Location:** Statewide**Contact:** Laura Baker**House District:** Statewide (HD 1-40)**Contact Phone:** (907)465-8974**Estimated Project Dates:** 07/01/2010 - 06/30/2016**Brief Summary and Statement of Need:**

Federal surface transportation improvements as outlined in the Statewide Transportation Improvement Program (STIP), the Transportation Equity Act for the 21st Century (TEA-21), and annual federal appropriations acts. This supplemental request is to align the total amount of federal authority available with projects that have developed a need for additional funding due to changes in project cost estimates, new phases of work determined to be needed, and unforeseen demands. These projects are either already underway, or need to go out for bid in what remains of FY 2011 in order to complete the project in the upcoming construction season.

Funding:	<u>FY2011</u>	<u>FY2012</u>	<u>FY2013</u>	<u>FY2014</u>	<u>FY2015</u>	<u>FY2016</u>	<u>Total</u>
Fed Rcpts	\$32,960,000						\$32,960,000
Total:	\$32,960,000	\$0	\$0	\$0	\$0	\$0	\$32,960,000

<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	0
Totals:	0	0

Additional Information / Prior Funding History:

\$537,350,240 - Ch 43 SLA 2010 Sec 7 pg 43 ln 25; \$385,677,600 - Ch 15 SLA 2009 Sec 1 pg 29 ln 32, Sec 7 pg 51 ln 19, Sec 10 pg 60 ln 13; \$258,990,150 - Ch 29 SLA 2008 Sec 4 pg 8 ln 22, Sec 13 pg 166 ln 24, Sec 66 pg 224 ln 5; \$332,845,300 - Ch 30 SLA 2007 Sec 4 pg 110 ln 15; \$337,095,200 - Ch 82 SLA 2006 Sec 1 pg 94 ln 13, Sec 39 pg 153 ln 23; \$382,329,700 - Ch 3 SLA 2005 Sec 1 pg 76 ln 18, Sec 32 pg 115 ln 8; \$411,223,800 - Ch 159 SLA 2004 Sec 1 pg 40 ln 12; \$339,962,600 - Ch 82 SLA 2003 Sec 1 pg 44 ln 31

Fairbanks - South Cushman-Mitchell Expressway to Sanduri Street

FY2011 Request: \$1,660,000
Reference No: 49093

AP/AL: Allocation

Project Type: Construction

Category: Transportation

Location: Fairbanks Areawide

Contact: Laura Baker

House District: Fairbanks Areawide (HD 7-11)

Contact Phone: (907)465-8974

Estimated Project Dates: 07/01/2010 - 06/30/2018

Appropriation: Surface Transportation Program

Brief Summary and Statement of Need:

Resurface South Cushman Street from the Mitchell Expressway to Sanduri Street. 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>FY2011</u>	<u>FY2012</u>	<u>FY2013</u>	<u>FY2014</u>	<u>FY2015</u>	<u>FY2016</u>	<u>Total</u>
Fed Rcpts	\$1,660,000						\$1,660,000
Total:	\$1,660,000	\$0	\$0	\$0	\$0	\$0	\$1,660,000

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

Additional Information / Prior Funding History:

\$1,710,000 - Ch 43 SLA 2010 Sec 7 pg 47 ln 8 for Mitchell Expressway to Van Horn Road (need to change end point to Sanduri Street).

Project Description/Justification:

This project will rehabilitate South Cushman Street from the Mitchell Expressway to Sanduri Street (where state maintenance ends). The existing pavement surface is worn, cracked, rutted, and over 20 years old, and is past its useful service life.

We are requesting authorization in the supplemental budget in order to advertise this project in April. We will not be able to construct the project in what remains of the construction season if we don't get authorization till after July 1st. This will delay the project at least one year.

Hyder - Salmon River Road Rehabilitation**FY2011 Request: \$1,300,000****Reference No: 40346****AP/AL:** Allocation**Project Type:** Construction**Category:** Transportation**Location:** Hyder**Contact:** Laura Baker**House District:** Cordova/Southeast Islands (HD 5)**Contact Phone:** (907)465-8974**Estimated Project Dates:** 04/17/2011 - 06/30/2018**Appropriation:** Surface Transportation Program**Brief Summary and Statement of Need:**

Upgrade and pave Salmon River Road from the town site to the wildlife observation site at Fish Creek, plus the short segment of International Street that extends to the Stewart border crossing (3.9 miles). Project includes drainage improvements, guardrail where warranted and abutment repairs to Bridge No. 1217 Fish Creek. Beyond the wildlife observation site, fortify the embankment by placing riprap at selected locations. 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>FY2011</u>	<u>FY2012</u>	<u>FY2013</u>	<u>FY2014</u>	<u>FY2015</u>	<u>FY2016</u>	<u>Total</u>
Fed Rcpts	\$1,300,000						\$1,300,000
Total:	\$1,300,000	\$0	\$0	\$0	\$0	\$0	\$1,300,000

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

Additional Information / Prior Funding History:

FY2011 - \$600,000; FY2006 - \$7,100,000.

Project Description/Justification:

Paving and drainage improvements of the main road through town will improve the quality of health within the community by reducing dust and mud. Pavement will reduce road operation and maintenance cost. This State route links the bear viewing area with the community and the border crossing to the Canadian highway system. Bear viewing at Fish Creek attracts tens of thousands of highway travelers each year, and is more easily accessible from the Lower 48 by motor vehicle than other Alaskan sites. Paving the road through the bear viewing area will reduce the dust in this well traveled area to the benefit of both visitors and wildlife. It will also increase visibility and safety in an area of congested with pedestrians and parked vehicles.

Additional authority is being requested in the supplemental due to an increase in the engineer's estimate and to meet the anticipated advertising date of mid-May.

Richardson Hwy Reconstruction MP 148-159, Sourdough to Haggard Creek **FY2011 Request: \$30,000,000**
Reference No: 7035

AP/AL: Allocation **Project Type:** Construction
Category: Transportation **Contact:** Laura Baker
Location: Statewide **Contact Phone:** (907)465-8974
House District: Statewide (HD 1-40)
Estimated Project Dates: 04/17/2011 - 09/30/2015
Appropriation: Surface Transportation Program

Brief Summary and Statement of Need:

Eleven miles of the Richardson Highway between MP 148-159. Construction will include widening, grade raises, replacement of drainage structures, and surfacing with hot mix asphalt.

Funding:	<u>FY2011</u>	<u>FY2012</u>	<u>FY2013</u>	<u>FY2014</u>	<u>FY2015</u>	<u>FY2016</u>	<u>Total</u>
Fed Rcpts	\$30,000,000						\$30,000,000
Total:	\$30,000,000	\$0	\$0	\$0	\$0	\$0	\$30,000,000

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

Additional Information / Prior Funding History:

This project was fast tracked to use FFY10 FHWA funds and is currently being funded with federal contingency legislative authority. This request will allow us to reimburse the limited contingency authority for use on other projects that have overruns and no specific federal authority.

Project Description/Justification:

This section of highway serves as part of the major access route between the communities of Valdez, Glennallen, and Gakona. It also serves as a link between the Denali National Park and Wrangell-St. Elias National Park and as an access route to the Trans-Alaska Pipeline which shares this transportation corridor. The current roadway is narrow, sinuous and has settled in numerous areas. The driving surface shows signs of distress both in the pavement and in the foundation materials.

Emergency Projects

FY2011 Request: \$1,586,700
Reference No: 38424

AP/AL: Appropriation with Allocations
Category: Transportation
Location: Statewide
House District: Statewide (HD 1-40)
Estimated Project Dates: 07/01/2010 - 06/30/2016

Project Type: Construction
Contact: Laura Baker
Contact Phone: (907)465-8974

Brief Summary and Statement of Need:

FY2011 Emergency Projects. This request covers emergencies that have occurred or that make emergency repairs to prevent damage.

Funding:	FY2011	FY2012	FY2013	FY2014	FY2015	FY2016	Total
Gen Fund	\$1,586,700	\$4,890,000					\$6,476,700
Total:	\$1,586,700	\$4,890,000	\$0	\$0	\$0	\$0	\$6,476,700

<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	
Totals:	0	0

Additional Information / Prior Funding History:

Hyder - Salmon River Levee Rehabilitation**FY2011 Request: \$472,000****Reference No: 50765****AP/AL:** Allocation**Project Type:** Construction**Category:** Transportation**Location:** Hyder**Contact:** Laura Baker**House District:** Cordova/Southeast Islands (HD**Contact Phone:** (907)465-8974

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Estimated Project Dates: 04/17/2011 - 12/31/2011**Appropriation:** Emergency Projects**Brief Summary and Statement of Need:**

The State of Alaska is responsible for the maintenance, functionality and repair of the Salmon River Levee structure located in Hyder, Alaska. There has been no sustained, active maintenance of the levee structure in recent years, compromising the levee's ability to withstand flood events in the Salmon River. Funding is requested for final design and construction to restore and rehabilitate the Salmon River Levee. 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>FY2011</u>	<u>FY2012</u>	<u>FY2013</u>	<u>FY2014</u>	<u>FY2015</u>	<u>FY2016</u>	<u>Total</u>
Gen Fund	\$472,000	\$4,890,000					\$5,362,000
Total:	\$472,000	\$4,890,000	\$0	\$0	\$0	\$0	\$5,362,000

<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
<u>One-Time Startup:</u>	0	
Totals:	0	0

Additional Information / Prior Funding History:

None.

Project Description/Justification:

The Salmon River Levee protects the town of Hyder, Alaska from inundation due to the effects of seasonal runoff and glacial lake outburst flooding. Initial construction efforts date back to 1921 and since that time repairs and extensions have been made to the structure. In 2001, inspections conducted by the Army Corps of Engineers (Corps) indicated the levee was in operational condition.

A subsequent inspection by the Corps in 2006 determined that the levee structure was in poor condition and in need of repair. In 2008, the Department inspected the levee, and consistent with the 2006 Corps inspection, reported excessive vegetation, steepened side slopes, and excessive erosion of the armor layer due to lack of maintenance.

The majority of the damaged areas identified are immediately adjacent to the active channel of the Salmon River where river action has removed portions of the rip rap and embankment armor. Erosional vulnerability also extends to points along the Salmon River Road above the northern terminus of the levee.

Total estimated costs for the refurbishment work include an evaluation of the river hydraulics, topography survey, levee embankment design, permitting, property analysis and construction. These costs are detailed as follows:

Salmon River Levee Design (FY11 Supplemental Request).....	\$0.47M
Salmon River Levee Rehabilitation Construction.....	\$3.17M
Salmon River Road Embankment Stabilization.....	\$1.72M
	<u>\$5.36M</u>

The State of Alaska is entirely liable for flood related damages associated with the breaching and/or overtopping of the Hyder Levee as this responsibility was transferred to the State of Alaska during early statehood in the early 1960's.

Rehabilitation of the levee structure is required to protect the town of Hyder. In addition, the Salmon River Road provides the only access to important mining operations and several unique recreational and wildlife viewing sites in the area.

It is anticipated that design will be completed in 2011 with construction work anticipated to begin in 2012.

This effort will support the Department's mission end results and strategies of: maintaining state-owned roads, highways and airports to appropriate department standards.

Tatalina River Bridge Repair**FY2011 Request: \$15,000**
Reference No: 50831**AP/AL:** Allocation**Project Type:** Renewal and Replacement**Category:** Transportation**Location:** Takotna**Contact:** Laura Baker**House District:** Interior Villages (HD 6)**Contact Phone:** (907)465-8974**Estimated Project Dates:** 07/01/2010 - 06/30/2011**Appropriation:** Emergency Projects**Brief Summary and Statement of Need:**

A fracture critical inspection of Tatalina River Bridge No. 462, near Takotna, AK, in Aug 2010 found that the first 2 deck planks were broken & the running planks over the last 4 deck planks were missing. Traffic steered around the hole causing further damage. A request for prompt repairs was made by DOT Bridge Design for safety of the traveling public & to prevent further damage. Central Region Bridge Crew responded & made the repairs. There is no current mechanism in place to use Hwy program funds for small emergency type projects. If the funding request is not approved, costs to cover this project will have to come from operating funds in the M&O budget, reducing the capability to provide other needed services.

Funding:	<u>FY2011</u>	<u>FY2012</u>	<u>FY2013</u>	<u>FY2014</u>	<u>FY2015</u>	<u>FY2016</u>	<u>Total</u>
Gen Fund	\$15,000						\$15,000
Total:	\$15,000	\$0	\$0	\$0	\$0	\$0	\$15,000

<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
<u>One-Time Startup:</u>	0	
Totals:	0	0

Additional Information / Prior Funding History:

None.

Taylor Highway Repair

FY2011 Request: \$810,000
Reference No: 50835

AP/AL: Allocation

Project Type: Renewal and Replacement

Category: Transportation

Location: Chicken

Contact: Laura Baker

House District: Interior Villages (HD 6)

Contact Phone: (907)465-8974

Estimated Project Dates: 07/01/2010 - 06/30/2012

Appropriation: Emergency Projects

Brief Summary and Statement of Need:

This request will fund the federally ineligible expenses incurred during the July/August 2010 emergency flooding events. During July and August strong weather systems, producing significant rainfall and flooding in the Fortymile River Basin, caused continuing severe damage to the Taylor Highway. During the rain storms culvert pipes were overwhelmed causing road washouts and several locations along Jack Wade Creek experienced embankment slope failures where the high water levels eroded the roadway.

Funding:	<u>FY2011</u>	<u>FY2012</u>	<u>FY2013</u>	<u>FY2014</u>	<u>FY2015</u>	<u>FY2016</u>	<u>Total</u>
Gen Fund	\$810,000						\$810,000
Total:	\$810,000	\$0	\$0	\$0	\$0	\$0	\$810,000

<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:

None.

Project Description/Justification:

Improvements addressed five culvert failures located between MP 64.5 and MP 88.9 which were upgraded to a larger size. It was determined that upgrading the culverts to a larger size would reduce the likelihood of flooding during future high water events. Twelve locations along Jack Wade Creek between MP 83.2 and MP 89.9 experienced embankment slope failures. Certain areas were eroded during the three separate storm events, negating repairs that were in place from the first storm event. Adequate armoring will protect the slopes from future erosion. The up-sizing of the culverts and the additional slope armoring exceeded the "restoration repairs" and are considered betterments and therefore are not eligible for federal reimbursement.

Northern Region Construction, Design, and Maintenance and Operations personnel logged 1,255 man-hours responding to the emergency flooding event. Damage assessment, administration, maintenance, and State overhead costs are not eligible for federal reimbursement.

(Continued on next page.)

Taylor Highway Repair

FY2011 Request: \$810,000
Reference No: 50835

The following is a breakdown of the ineligible expenses on the emergency flooding event:

- Construction contract for upgrading culverts and armoring slope embankments
- \$611,974
- Construction personnel - \$139,371
- Design personnel - \$18,562
- Maintenance and Operations labor, travel, diesel fuel, freight, and equipment
- \$40,093

Haines - Haines Highway MP 19 Repairs

FY2011 Request: \$89,700
Reference No: 48805

AP/AL: Allocation

Project Type: Life / Health / Safety

Category: Public Protection

Location: Haines

Contact: Laura Baker

House District: Cordova/Southeast Islands (HD

Contact Phone: (907)465-8974

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Estimated Project Dates: 08/24/2010 - 12/31/2010

Appropriation: Emergency Projects

Brief Summary and Statement of Need:

Funding to cover costs to remove debris from the road and culverts as well as perform immediate repairs to make this section of highway safe. On the afternoon of August 24, 2010 a rock slide closed the Haines Highway at MP 19. The slide covered both lanes of the highway for a length of approximately 300 feet to an average depth of four feet. The material consisted of various sized rocks and boulders plus a mixture of mud and silt. The highway was reopened by 5:30pm on August 25.

Funding:	<u>FY2011</u>	<u>FY2012</u>	<u>FY2013</u>	<u>FY2014</u>	<u>FY2015</u>	<u>FY2016</u>	<u>Total</u>
Gen Fund	\$89,700						\$89,700
Total:	\$89,700	\$0	\$0	\$0	\$0	\$0	\$89,700

<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:

None.

Ketchikan - South Tongass Highway Repair**FY2011 Request: \$200,000**
Reference No: 50928**AP/AL:** Allocation**Project Type:** Life / Health / Safety**Category:** Transportation**Location:** Ketchikan**Contact:** Laura Baker**House District:** Ketchikan (HD 1)**Contact Phone:** (907)465-8974**Estimated Project Dates:** 08/26/2011 - 06/30/2012**Appropriation:** Emergency Projects**Brief Summary and Statement of Need:**

Funding to cover costs to remove debris from the road and roadside ditch as well as perform immediate repairs to make this section of highway safe. On the morning of August 26, 2010 Southeast Region was notified of a rock fall event that had blocked the South Tongass Highway near mile 4.5.

Funding:	<u>FY2011</u>	<u>FY2012</u>	<u>FY2013</u>	<u>FY2014</u>	<u>FY2015</u>	<u>FY2016</u>	<u>Total</u>
Gen Fund	\$200,000						\$200,000
Total:	\$200,000	\$0	\$0	\$0	\$0	\$0	\$200,000

<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	
Totals:	0	0

Additional Information / Prior Funding History:

Alaska Marine Highway System Vessel and Terminal Overhaul and Rehabilitation

FY2011 Request: \$0
Reference No: 30624

AP/AL: Appropriation

Project Type: Renewal and Replacement

Category: Transportation

Location: Statewide

Contact: Laura Baker

House District: Statewide (HD 1-40)

Contact Phone: (907)465-8974

Estimated Project Dates: 07/01/2010 - 06/30/2015

Brief Summary and Statement of Need:

\$4,000,000 of the FY2011 fuel trigger payment to the Department of Transportation & Public Facilities is reappropriated to the Alaska Marine Highway System for vessel and terminal overhaul and rehabilitation. The Alaska Marine Highway System requires annual maintenance and overhaul on vessels and at terminals, particularly component or system failures which will impact service in the short term. Annual overhaul of vessels is necessary to pass United States Coast Guard inspections and obtain a Certificate of Inspection necessary to operate. This project contributes to the Department's Mission by reducing injuries, facilities and property damage and by improving the mobility of people and goods.

Funding:	<u>FY2011</u>	<u>FY2012</u>	<u>FY2013</u>	<u>FY2014</u>	<u>FY2015</u>	<u>FY2016</u>	<u>Total</u>
Gen Fund							\$0
Total:	\$0	\$0	\$0	\$0	\$0	\$0	\$0

<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:

Project Description/Justification:

Supplemental to Vessel and Facility Overhaul and Rehabilitation \$4,000,000

The Alaska Marine Highway System requires annual maintenance and overhaul on vessels and at terminals, particularly component or system failures which will impact service in the short term. Annual overhaul of vessels is necessary to pass United States Coast Guard inspections and obtain a Certificate of Inspection necessary to operate. This project contributes to the Department's Mission by reducing injuries, facilities and property damage and by improving the mobility of people and goods.

Overhaul work consists of inspection, repair, and maintenance that cannot be performed while the vessels are operating. An overhaul period of approximately six weeks is set aside every year during which each ship is in dry-dock and the scheduled work is accomplished. This work is performed in Alaskan shipyards unless it is made part of a Federal Highway Administration project competitively awarded to an out-of-state shipyard. In performing overhaul work, the Alaska Marine Highway System must meet the inspection requirements and standards of safety and seaworthiness of two

**Alaska Marine Highway System Vessel and Terminal
Overhaul and Rehabilitation**

**FY2011 Request: \$0
Reference No: 30624**

agencies, the American Bureau of Shipping (ABS) and the United States Coast Guard (USCG). None of this work is discretionary. At the end of the overhaul period, the vessel must pass a demanding USCG inspection to obtain a Certificate of Inspection (COI). This certificate is mandatory to operate for the next year.

Ketchikan - Court Office Building Elevator Controls**FY2011 Request: \$120,000****Reference No: 51830****AP/AL:** Appropriation**Project Type:** Life / Health / Safety**Category:** Transportation**Location:** Ketchikan**Contact:** Laura Baker**House District:** Ketchikan (HD 1)**Contact Phone:** (907)465-8974**Estimated Project Dates:** 04/17/2011 - 09/30/2012**Brief Summary and Statement of Need:**

The elevators are not in compliance with current codes with regard to fire service operation. There is nothing to prevent the elevator from going to a floor and opening into a fire or heavily smoke-filled environment. The fire alarm system has been upgraded to provide the sensors necessary to prevent such an occurrence, but there is no way with the current control system (40+ years old).

Funding:	<u>FY2011</u>	<u>FY2012</u>	<u>FY2013</u>	<u>FY2014</u>	<u>FY2015</u>	<u>FY2016</u>	<u>Total</u>
Gen Fund	\$120,000						\$120,000
Total:	\$120,000	\$0	\$0	\$0	\$0	\$0	\$120,000

<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:

None.

Project Description/Justification:

Due to the potential dangers of exposing building occupants to toxic smoke condition and deadly heat situations, this project has a very high life-safety priority.