

Emergency Repair of State Forest Road Systems in the Tanana Valley State Forest

FY2016 Request: \$0
Reference No: AMD 60687

AP/AL: Appropriation **Project Type:** Renewal and Replacement
Category: Natural Resources
Location: Fairbanks Areawide **House District:** Fairbanks Areawide (HD 1-5)
Impact House District: Fairbanks Areawide (HD 1-5) **Contact:** Jean Davis
Estimated Project Dates: 04/19/2015 - 06/30/2019 **Contact Phone:** (907)465-2422

Brief Summary and Statement of Need:

The Interior had record rainfall during 2014 causing erosion on many miles of Tanana Valley State Forest (TVSF) roads and scouring of bridge abutments, which resulted in noncompliance with certain Best Management Practices (BMPs) of the Alaska Forest Resources and Practices Act (FRPA) AS 41.17 and 11 AAC 95. This project will repair Tanana Valley State Forest (TVSF) roads and bridges due to rainfall erosion that occurred in 2014.

Funding:	<u>FY2015</u>	<u>FY2016</u>	<u>FY2017</u>	<u>FY2018</u>	<u>FY2019</u>	<u>FY2020</u>	<u>Total</u>
Gen Fund	\$896,000						\$896,000
Total:	\$896,000	\$0	\$0	\$0	\$0	\$0	\$896,000

<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 checked="" 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

Prior Funding History / Additional Information:

No prior funding history.

Project Description/Justification:

- \$896,000 of road work needed to return to compliance with FRPA includes:
 - Repair Standard Creek Road, Cache Creek Road, and other heavily used roads totaling 12 miles of heavy reconstruction, including development of material pit site at a total cost of \$886,000
 - Repair Spencer Creek Bridge at a total cost of \$10,000
- If the State should close roads due to noncompliance with FRPA in certain sections, the result would be closure of additional miles. For example, if the five to seven miles of damaged sections of Standard Creek Road are not repaired to FRPA BMP standards, then the entire thirty miles of Standard Creek Road plus associated secondary roads totaling twenty miles would be subject to closure.
- State Forest roads are used as fuel breaks and also provide access routes for equipment dispatched to initial attack wildland fires. Catching wildland fires while they are small saves the

state millions of dollars annually and access and time to respond are key components of achieving this result.

- This funding is necessary to ensure the State (DOF) completes its existing partnership obligation to other State and Private entities, as well as the forest products industry and public access. These partnerships and public uses include:
 - Alaska Department of Fish and Game (access to research projects, habitat improvement, hunting and fishing)
 - University of Alaska (access to research projects and timber harvest)
 - Mental Health Trust (access to their land for timber harvest)
 - Doyon Exploration (access to oil and natural gas exploration areas)
 - Toghoththele Native Corporation (access to their land for timber harvest)
 - Fairbanks North Star Borough (access to their lands for timber harvest and land sales)
 - Forest products purchasers and their employees access to current and future timber, biomass, and firewood sales. This includes Superior Pellet Fuels, which is a relatively new industry and is dependent upon these roads for delivery of logs for manufacturing its pellets and pellet logs.
 - Public access for recreation, personal use (such as berry picking and firewood gathering), and subsistence harvest of natural resources.
 - State Forest roads are used to provide access to designated firewood cutting areas for those who rely on wood as a primary or supplemental source of heat.
- Unless these roads are brought into compliance with FRPA, a significant portion of the State's active and proposed forest products sales would be at risk of not being harvested. Using the Standard Creek Road as an example, the following sales could be impacted:

CCF means 100 cubic feet. MBF means 1,000 board feet.

- Active: 78 total active sales with 71,000 CCF (~30,000 MBF) volume
 - Standard Creek Road: 14 active sales with about 13,000 CCF (~5,330 MBF) volume, remaining volume spread over the other 64 sales
- Proposed: 111,194 CCF (~45,590 MBF) For 64 proposed sales (from Five Year Schedule)
 - Standard Creek Rd: 11 Proposed sales with about 413,800 CCF (~169,700 MBF) volume, remaining spread over the other 53 sales
- The current value of sawtimber is \$23.83/CCF
- The following is a list of currently active timber sales in the Fairbanks Area. Many businesses and their employees rely on these sales for their livelihoods.

Sale Name, Sale #, Purchaser, Date Active, Date of Expiration

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Jenny M South	NC 1105	Alexco	03/19/2008	05/31/2015
Two Rivers Mixed #1 Resal	NC 1570	AJ's Auto Sales	03/12/2014	05/31/2017
Keystone Spruce #2	NC-1011	Rustic Alaskan Homes	07/20/2010	05/31/2015
Valley's End	NC-1017	DH Wood Products	07/08/2004	05/31/2015
Skinny's East Birch	NC-1132	Alaska Birch Works	01/12/2004	05/31/2015
Parks East	NC-1144	Four Star Lumber Co	08/01/2009	05/31/2015
Skinny's North	NC-1145	Lowry Enterprises	06/09/2009	05/31/2015
Canyon Birch	NC-1208	Snow 1 Snow Removal	05/18/2010	05/31/2015
Cache Birch 7 Mile	NC-1214	Alaska Birch Works	07/07/2003	05/31/2015
Nenana Ridge Habitat #1	NC-1242	Nip and Tuck Logging	11/21/2007	05/31/2015
Nenana Ridge Habitat #2	NC-1243	Millard Fudge	10/14/2010	05/31/2015
Canyon Tower Habitat #1	NC-1244	Snow 1 Snow Removal	01/12/2007	05/31/2015
Mosquito Valley	NC-1249	AJ's Auto Sales	10/10/2013	05/31/2017
Hidden Valley	NC-1250	Badger Development	12/04/2009	05/31/2015
First Bridge East	NC-1257	DH Wood Products	05/01/2008	05/31/2015
Ohio South Birch	NC-1260	Deadwood Logging	10/28/2008	05/31/2015
Hardley Birch	NC-1263	Badger Development	09/01/2009	05/31/2015
Standard 6 mile spruce	NC-1276	Sims Logging	04/22/2008	05/31/2015
Dunbar Road End	NC-1277	Mark Fairchild Trucking	11/29/2013	05/31/2017
Standard East South	NC-1279	Northland Wood Products	06/15/2010	05/31/2015
7 Mile Island South	NC-1280	Deadwood Logging	10/03/2008	05/31/2015
Canyon Birch 2	NC-1283	Badger Development	08/13/2008	05/31/2015
Oh My Birch West	NC-1285	Four Star Lumber Co	08/01/2009	05/31/2015
Fortune Fringe	NC-1287	Alaska Birch Works	06/08/2010	05/31/2015
Anaconda Spruce Resale	NC-1330	Spruce Park Enterprises	09/06/2006	05/31/2015
Birch Point	NC-1334	Howard Enterprises	05/24/2010	05/31/2015
Nenana Ridge East #3	NC-1339	Alexco	05/18/2011	05/31/2015
Win Lake	NC-1340	Arctic Firewood	02/15/2012	05/31/2015
Nenana Spruce #2	NC-1344	Northland Wood Products	04/11/2014	05/31/2017
Canyon Tower Spruce	NC-1345	AJ's Auto Sales	10/31/2014	05/31/2018
Grouse Road Mixed #1	NC-1349	Alexco	07/08/2009	05/31/2015
Nenana Ridge Mixed #4	NC-1402	Lowry Enterprises	06/11/2009	05/31/2015
Iowa Creek Spruce #3	NC-1404	Northland Wood Products	06/14/2012	05/31/2015
Mosquito Spruce #3 Resale	NC-1406	AJ's Auto Sales	10/16/2012	05/31/2015
Glacier Creek North Spruce	NC-1407	Northland Wood Products	06/14/2012	05/31/2015
Nenana Ridge Birch #4	NC-1408	Nip and Tuck Logging	06/14/2012	05/31/2015
Nenana Ag Negotiated	NC-1419	Sven Ebbessen	12/29/2008	05/31/2015
Oh My Birch #2	NC-1432	Alaska Birch Works	05/03/2011	05/31/2015
Two Rivers Junction	NC-1440	Ward Wood Works	05/31/2013	07/31/2016
Two Rivers Birch	NC-1441	Ward Wood Works	05/03/2011	05/31/2015
Standard 6 Mile Spruce #2	NC-1446	Sims Logging	05/31/2013	05/31/2016
Halfaspruce	NC-1447	MacDonald Timber Sales	05/31/2013	05/31/2016
Transmitter Spruce	NC-1502-F	Northland Wood Products	07/20/2014	05/31/2017
Little Chena #4	NC-1505	Ward Wood Works	05/03/2011	05/31/2015
High Standards Spruce	NC-1508	Northland Wood Products	05/31/2013	05/31/2016
Prairie Chicken Birch	NC-1513	Two Far North Logging	05/03/2012	05/31/2015
Gilles Creek Fire Salv #4	NC-1528-D	Delta Wood and Properties	12/17/2014	05/31/2017
Dawson Creek Birch	NC-1531	Rustic Alaskan Homes	06/14/2012	05/31/2015
Nenana Ridge East Aspen #	NC-1533	Cornell Wood Products	04/25/2014	05/31/2016
Nenana Ridge Powerline Bi	NC-1534	Interior Timber Tramp	05/31/2013	05/31/2016
Nenana Ridge Powerline #2	NC-1535	Cornell Wood Products	04/21/2014	05/31/2017

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Dunbar's End Birch #2	NC-1541	Bone Dry Firewood llc	10/31/2014	05/31/2018
Loop Birch	NC-1542	Fairbanks Firewood LLC	07/03/2013	05/31/2016
Underwear Ridge Spruce	NC-1543-F	Northland Wood Products	06/20/2014	05/31/2017
Jenny M Hill Birch	NC-1548-F	Wood Pursuit, LLC	06/20/2014	05/31/2017
Mullens Slough West	NC-1549	Northland Wood Products	10/31/2014	05/31/2018
Big Bend Center	NC-1565	Seth Chappelle	05/29/2012	05/31/2015
Iowa Spruce Resale	NC-1568	Northland Wood Products	12/03/2013	05/31/2017
Canyon Ridge Spruce Resal	NC-1571	Superior Pellet Fuels, LLC	12/03/2013	05/31/2017
Flag Flat Resale	NC-1573	Superior Pellet Fuels, LLC	12/03/2013	05/31/2017
3 Mile Cache Creek	NC-1587	Erin Batts	10/31/2014	05/31/2018
Halfway Ridge	NC-418	Blue Babe	08/05/2013	05/31/2015
Aspen #1	NC-730	Spruce Park Enterprises	05/03/2011	05/31/2015
Mullen Slough Spruce 1	NC-799	Interior Timber Tramp	08/15/2006	05/31/2015
Little Standard Birch	NC-933	Interior Forest	06/27/2008	05/31/2015
Dunbar East Mixed #3	NC-942	Nip and Tuck Logging	12/16/1998	05/31/2015
Seven Mile Island	NC=1574	Northland Wood Products	04/11/2014	05/31/2016

Line Item	Amount
71000 - Personal Services (existing staff)	\$85,000
72000 - Travel	\$15,000
73000 - Contractual	\$795,000
74000 - Commodities	\$1,000
75000 - Capital Outlay	0.00
77000 - Grants	0.00
Total Request	\$896,000