

**Agency: Commerce, Community and Economic Development**

**Grants to Municipalities (AS 37.05.315)**

**Grant Recipient: Matanuska-Susitna Borough**

**Project Title:**

**Project Type:** Remodel, Reconstruction and Upgrades

# Matanuska-Susitna Borough - Horseshoe Lake Road Upgrade

**State Funding Requested: \$700,000**

**House District:** Mat-Su Areawide (13-16)

Future Funding May Be Requested

## Brief Project Description:

This funding will upgrade the road bed from sand, dirt, and mud, to gravel.

## Funding Plan:

**Total Cost of Project: \$1,025,000**

*There is no other funding needed*

## Detailed Project Description and Justification:

Horseshoe Lake provides year-round access to 258 full- and part-time residents around West Lake, Hourglass Lake, and Horseshoe Lake. The road, which is classified as residential, currently runs approximately five miles in length and has an average width of 20 feet. Since 2005, Road Service Area 21, Big Lake, has been spent \$57,000 to acquire easements and \$60,000 to match USFWS funds to replace three culverts.

This funding request will address drainage and materials in the roadbed structure. It is assumed that utilities requiring relocation are permitted.

The cost estimates break down as follows:

Design/Survey	\$125,000
Utility Relocation	\$300,000
ROW Acquisition	\$100,000
Road Bed Upgrade	\$500,000
<b>TOTAL</b>	<b>\$1,025,000</b>

It is anticipated that costs associated with chip-sealing or paving will be borne by property owners through a Limited Improvement District (LID).

## Project Timeline:

Design and Survey Work -- 2011

Utility Relocation/ROW/Construction - 2011 to 2013

**Entity Responsible for the Ongoing Operation and Maintenance of this Project:**

Matanuska-Susitna Borough RSA 21

**Grant Recipient Contact Information:**

Name: John Duffy  
Address: 350 E. Dahlia Avenue  
Palmer, AK 99645  
Phone Number: (907)745-9689  
Email: jduffy@matsugov.us

Has this project been through a public review process at the local level and is it a community priority?  Yes  No



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## GREGORY E. STRONG

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February 1, 2010

Charlie Huggins  
Senator, State of Alaska  
District H  
State Capitol Room 119  
Juneau, AK. 99801

RE: Horseshoe Lake Road

Senator,

Horseshoe Lake Road provides access to 258 full and part time residents around West Lake, Hourglass Lake and Horseshoe Lake. We have been on the Borough's CIP List for 10 years. We are again this year, but as in the past we're below the actual funding level. Many of us have lived on the lake for decades and hope for a road improvement to reduce the volumes of dust or mud and potholes associated with much of the year.

To that end let me solicit your support in providing this road upgrade through a State appropriation in the amount of the Borough's cost estimate of \$1,000,000. This amount will upgrade the road bed from sand and dirt (mud) to gravel. Further improvements in the nature of chip seal or asphalt will be borne by the residents through a Limited Improvement District (LID). The residents are not inclined to pay for Borough road bed up grades as they have been paying the Borough RSA taxes for over the past 45 years for this sub standard access.

Be assured 258 households will be in your unending debt and gratitude with this appropriation.

Sincerely,

  
Gregory E. Strong

Attachments:

- 1) Resident profile
- 2) Effected Road Area Map
- 3) Borough Cost estimate
- 4) 2010 RSA 21 CIP List

cc: Cindy Bettine



## **Horseshoe Lake Firewise Community Summary Information**

232 Properties  
2110.48 Acres

Type	#	Acres	Size Range
Private	193	681.38	.07 – 143.04
Borough	13	213.18	2.14 – 85
AK Mental Health	11	393.26	1.00 – 181.53
FAA	2	140	60 – 80
Fish & Game	1	.92	.92
Knikatnu (Native)	12	681.74	1.48 – 201.61

Private 193 properties/148 owners/126 structures

# of Residents in Community = 48 Full Time Residents  
210 Recreational Residents

**TOTAL # OF RESIDENTS = 258**



3,



# MATANUSKA-SUSITNA BOROUGH

## Public Works Department

Operations & Maintenance Division

1420 S Industrial Way • Palmer, AK 99645

Phone (907) 745-9831 • Fax (907) 746-5769

www.matsugov.us

January 29, 2010

Charlie Huggins  
Senator, State of Alaska  
District H  
State Capitol Room 119  
Juneau, AK 99801

RE: Horseshoe Lake Road

Senator,

At the request of citizens living in the Horseshoe Lake area this correspondence is being provided to quantify the cost for upgrading Horseshoe Lake road to chip seal. Horseshoe Lake road is approximately 5 miles in length and has an average width of 20 feet and classified as residential. This road is located in the Big Lake area.

Since 2005 RSA #21 has been acquiring easements on Horseshoe Lake road. Approximately \$57,000 has been spent in acquiring these easements. As well RSA #21 is providing \$60,000 to match funds with USFWS to replace 3 culverts on this road. Culvert replacement is scheduled for this summer.

Main issues to be addressed to ensure the longevity of the project will be drainage and materials in the roadbed structure. It is assumed that the utilities requiring relocation are permitted.

For estimating purposes, past and upcoming projects in the general vicinity were looked at for comparative costs. The following is a breakdown of estimated costs:

Design/Survey -	\$125,000
Utility Relocation -	\$300,000
ROW Acquisition -	\$100,000
Road Upgrade -	\$500,000
Chip Seal -	<u>\$500,000</u>
Total -	\$1,525,000

Without chip sealing Total – 1,025,000

3.

Sincerely,



James D. Jenson  
Construction Inspector II  
Road Maintenance Superintendent I  
O&M Division, MSB

CC: Cindy Bettine, Assemblyperson, MSB  
Shaune O'Neil, PW Director, MSB  
Chuck Braun, O&M Manager, MSB  
Mike Lachelt, Road Maintenance Superintendent  
Jim Clemmens, RSA Board Primary  
Greg Strong, Citizen  
Bill Allen, Citizen

MATANUSKA-SUSITNA BOROUGH  
 PUBLIC WORKS DEPARTMENT  
 ROAD MAINTENANCE & REPAIR CAPITAL PROJECTS  
 SUMMER 2010

Assembly Member Dist 5 - Cindy Bettine  
 RSA Primary - Jim Clemensen  
 RSA Alt - Mike Graves  
 RSA Alt - William Snyder

ROAD SERVICE AREA #21-BIG LAKE PROJECT #30043 EST FUNDING \$125,000

PRIORITY	PROJECT LOCATION	DESCRIPTION OF WORK	TOTAL EST COST	RSA	MSB	GRANTS	GRANT DETAILS	FUNDS: YES/NO
1	RSA Roads 35370.1801/6601	Calcium Purchase	\$21,000	\$10,500	\$10,500			YES
2	RSA Roads 35370.1801/6601	Calcium Application	\$11,000	\$5,500	\$5,500			YES
3	RSA Roads	Recondition gravel roads w/grid compactor	\$10,000	\$10,000				YES
4	RSA Roads	Surveying/ engineering	\$20,000	\$20,000				YES
5	RSA Roads	Cracksealing	\$20,000	\$20,000				YES
6	RSA Roads - Horseshoe Lake Rd, Lakes Blvd	ROW Acquisition	\$50,000	\$50,000				YES
7	Bryant Rd	Culvert replacement and bioremediation (USFWS match)	\$160,000	\$60,000	\$100,000 30100	\$100,000	USFWS	PENDIN G
8	Sunrise Dr	Realign	\$75,000	\$75,000				PENDIN G
9	Horseshoe Lake Culvert Replacement	Culvert replacement	\$120,000	\$60,000		Grant	pending	PENDIN G
10	Horseshoe Lake Rd	Upgrade	\$1,200,000			Grant	unknown	NO
11	Northshore Dr @ intersection of Big Lake Rd	Drainage	\$50,000	\$50,000				NO
12	Knights Dr, Jojoba Rd, Big Lake Height Sub	Drainage and upgrade	\$100,000	\$100,000				NO
13	Lighthouse Dr	Upgrade and drainage	\$75,000	\$75,000				NO
14	Jenny Ln	Upgrade	\$40,000	\$40,000				NO
15	Lakes Blvd	Upgrade	\$50,000	\$50,000				NO
16	Old Yacht Club Rd	Upgrade	\$150,000	\$150,000				NO
17	Ryans Creek Dr	Upgrade	\$100,000	\$100,000				NO
18	Arctic Tern	Upgrade	40000	\$40,000				NO
		<b>Total Funded Projects</b>	<b>\$132,000</b>	<b>\$116,000</b>	<b>\$16,000</b>	<b>\$100,000</b>		

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