

Agency: Commerce, Community and Economic Development**Grants to Municipalities (AS 37.05.315)****Grant Recipient: Matanuska-Susitna Borough****Project Title:****Project Type: Equipment and Materials**

Matanuska-Susitna Borough - Wolverine Creek Dry Hydrant Project

State Funding Requested: \$50,000**House District: Mat-Su Areawide (13-16)**

One-Time Need

Brief Project Description:

Fund the design and construction of a dry hydrant system in Wolverine Creek to improve emergency response capabilities.

Funding Plan:**Total Cost of Project: \$50,000***There is no other funding needed***Detailed Project Description and Justification:**

This request will fund the design and construction of a dry hydrant in Wolverine Creek to provide improved water supply for fire suppression and fire suppression training. The current water storage tank is very slow to fill and this hydrant would make water available quickly to areas close the creek.

The main users of this hydrant will be the Greater Palmer Fire Service Area and the State of Alaska DNR Division of Forestry's wildland suppression units.

This project has been on the Lazy Mountain Community Council's CIP list since 2004 and is part of a community Fire Wise plan and a fire preemption education campaign.

Project Timeline:

FY 2011

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

Matanuska-Susitna Borough FSA

Grant Recipient Contact Information:

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

Total Project Snapshot Report

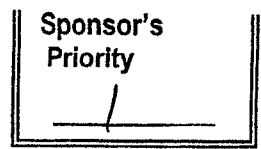
FY 2011 Capital Budget

TPS Report 54122v1

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



MATANUSKA-SUSITNA BOROUGH
Six-Year Capital Improvement Program
FY 2011 - FY 2016



PROJECT NOMINATION FORM

Name of Project: Wolverine Creek Dry Hydrant (Check one) New Project: Resubmitted:
 Sponsor: Lazy Mountain Community Council Contact Person: Lorri Van Diest, LMCC President
 Address: Po Box 696 Phone Number: 775-0223 - cell phone
Palmer, AK 99645 Fax Number: No fax number
 E-mail: jmvandiest@gmail.com

Location Information:

- Location (in writing), attach a map with an arrow showing the location. Include reference points such as Parks or Glenn Highway, lakes or other well known landmarks. Provide a copy of an aerial photo of the project site if available. If a road, what is the beginning and end of the project?

Next to bridge that crosses Wolverine Creek.
(map attached)

NOV 28 2009

- Brief Description of the project: *What is your project? Please describe it. For instance, if it is a road or a trail, how long/wide will it be? Are parts of the project already constructed? Does what you have now need replacement, rehabilitation, or reconstruction?* Kolchek 6" Female Dry Hydrant New Dry Hydrant System for water supply for fire suppression and fire suppression training. This new construction, which has been on the LMCC priority list since 2004, would provide a simple hydrant system connected to a pipe with stream water ~~that~~ which flows year around. This system can provide a closer source of water for fires in the area.

Basic Questions 1- 5:

- What affects will this project have on safety? (What is the safety problem and how will the project solve it?) The current Lazy Mountain Fire Station storage tank is very slow to refill. The proposed Dry Hydrant would make available water to fire suppression units in areas closer to Wolverine Creek, and also supply an additional source of water. Safety is enhanced by the additional hydrant in case the fire station tank is depleted, or the hydrant is nearer to a fire being fought.
- What affects will this project have on access, health and quality of life (air and water quality, enhanced recreational opportunities)? Who will use this project and how will it help them?

The main users of the project will be fire suppression units of the Greater Palmer Fire service area and the State of Alaska Wildland fire suppression units. Had the dry hydrant been available in 1999 it could have supplied refill. A cabin burned last winter several miles North of Wolverine Creek, and had it not gone so fast, it could have been a potential refill site. It is part of a community Firewise plan, in addition to fire prevention/education being developed

3. Evidence of Public Support

ON LMCC CIP list since
2003-4 (attached)

Re-Approved at LMCC meeting
Sept 10, 2009 (minutes not yet
available)

4. Economic Benefits

Indirectly. Providing a
higher level of community fire
safety

5. Public Land.

Private and public land
may be needed depending on
final design.

6. Acreage needed?

1/20 of 1 acre

7. Project in plan?

Yes. CIP List
since 2003.

8. Please provide an estimated time schedule for completion of the project if funding is received.

Clarification of Land status 3 months
 Acquiring easements
 Engineering and design 1 month (concurrent with easement acquisition)
 Construction / Installation 2 days

July - October 2010

+Attach additional pages if necessary.

Including a photo, a map, or diagram would be helpful in understanding and evaluating the Project.

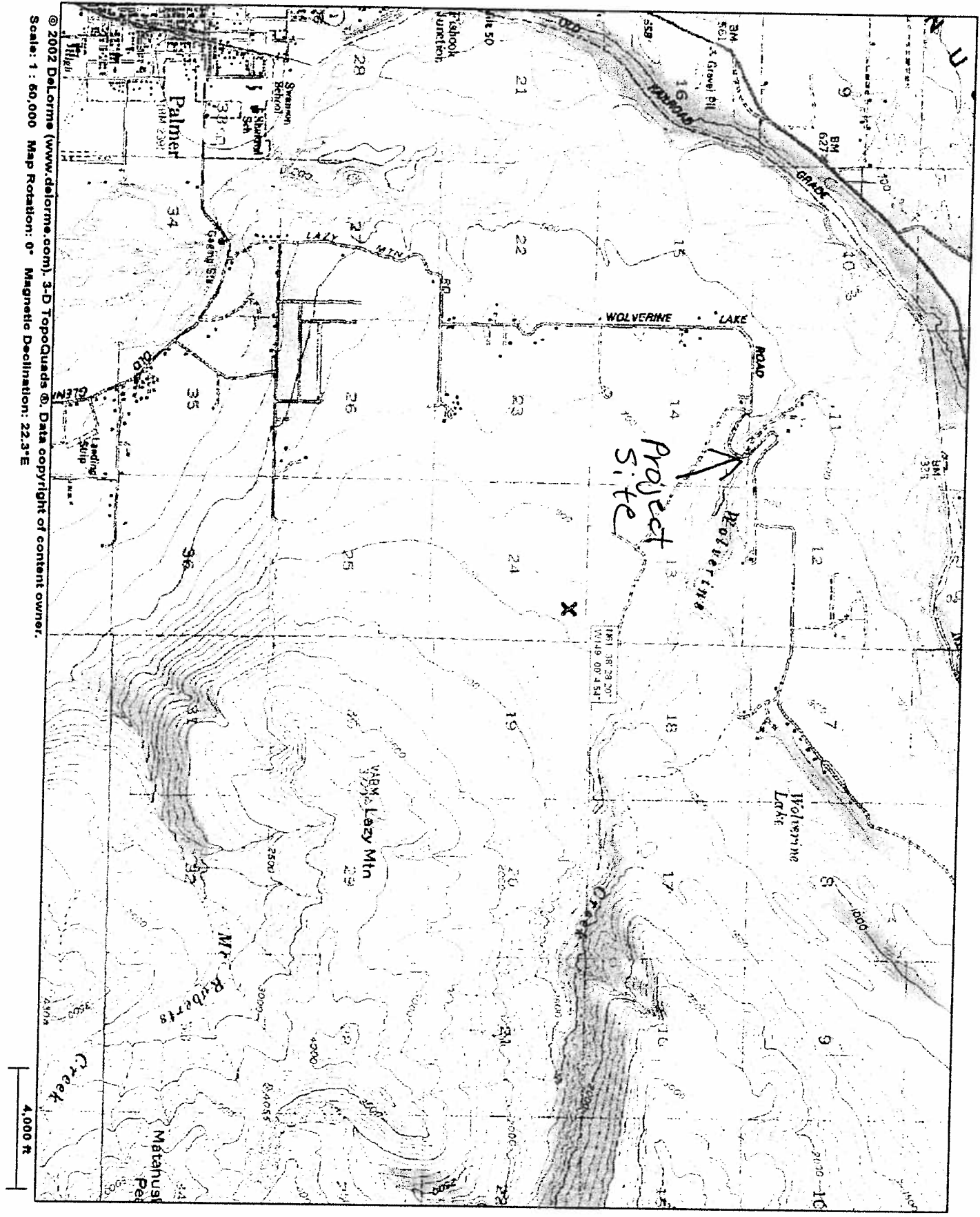
MSB Staff to complete items 7. & 8.

7. Breakdown of costs (to nearest thousand)		8. Anticipated source of funding? Check all that apply:	
Land and rights-of way	\$ _____	Current revenue	_____
Engineering & design	\$ _____	State or federal grant	_____
Construction	\$ _____	Special fund(Name)	_____
Furniture & equipment	\$ _____	Other	_____
Other (legal, admin, etc.)	\$ _____		
EST. TOTAL	\$ _____		

This proposal has been on the Lazy Mountain Community Council CIP list since 2003-2004. If LMCC becomes qualified for state revenue sharing, some matching funds could be designated.

Please see attachments.

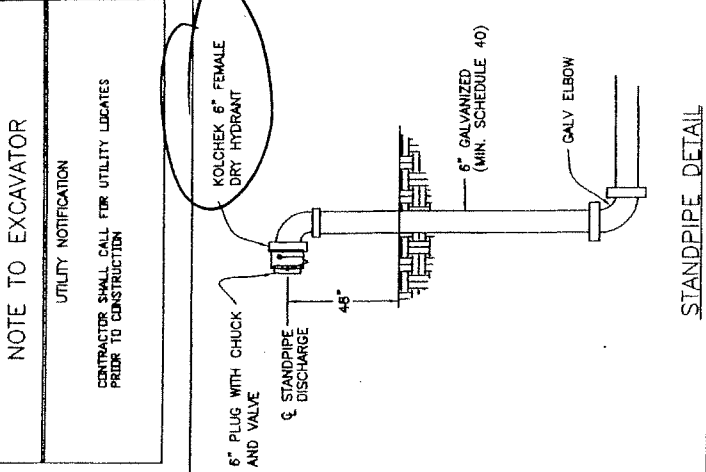
- A. Typical Installation Diagram
- B. Map Location



© 2002 Delorme (www.delorme.com), 3-D TopoQuads ®. Data copyright of content owner.
 Scale: 1 : 50,000 Map Rotation: 0° Magnetic Declination: 22.3°E

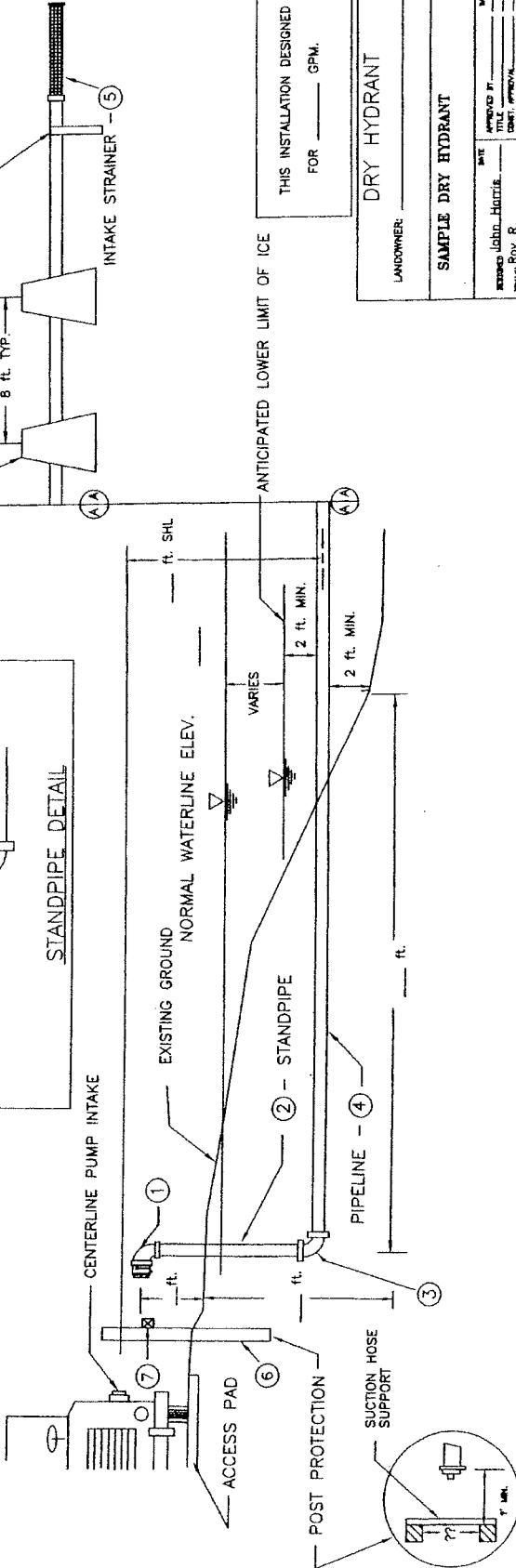
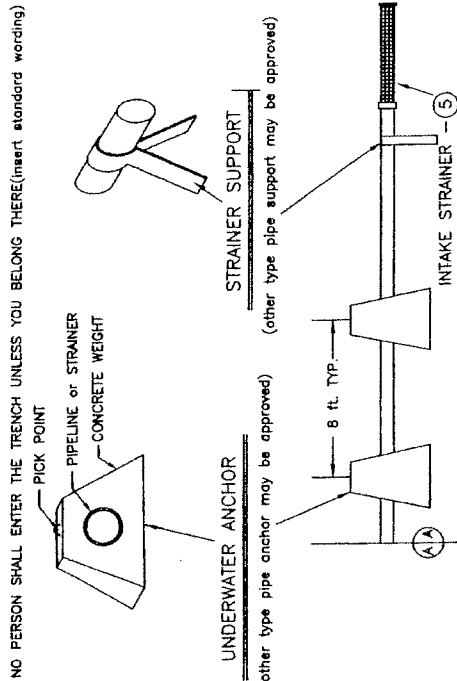
Typical Installation Diagram - Similar to 2008 Big Lake Install

BILL OF MATERIALS	
ITEM	UNIT
Female Dry Hydrant Adapter	EACH
6" Galvanized Sched 40 STANDPIPE	L.F.
6" Galvanized 90°	EACH
6" HDPE	L.F.
INTAKE STRAINER	EACH
6"X 6"X 8" TREATED POST	EACH
4"X 4" TREATED TIMBER	EACH
1/2"X 10" GALVANIZED BOLTS	EACH
WITH NUTS AND WASHERS	
ALL PIPE MATERIAL SHALL BE _____ MEETING ASTM _____	
envelope drawings put a note to use extra type material here to prevent cathodic problems	



LOCATION DESCRIPTION GOES HERE:
ADDRESS: ≈ \$ 45,000
all inclusive

DETAILED HYDRANT LOCATION LOCATION MAP ATTACHED



DATE: _____
APPROVED BY: _____
TITLE: _____
DRAWN BY: _____
CHECKED BY: _____
DATE: _____

-- NOT TO SCALE --



P 1-6

Lazy Mountain Community Council CIP List/Transportation Needs

This is The LMCC 2003-2004 CIP List as it passed at our LMCC Meeting 10-9-03

1. Clark-Wolverine Road - Phase I - III
Phase I - Purchase Right of Way
Phase II - Engineering & Design
Phase III - Construction
2. Emergency Access to Lazy Mountain
3. Maintenance and Repair from mile 1.5 to end of Wolverine Rd. - Crack seal, surface maintenance on unpaved part. Mile 6.5 to cul-de-sac at end of Rd. - upgrade Wolverine Rd. extension. K
4. Upgrade bike path - from Matanuska Bridge to Elementary schools and bridge to Smith Rd.
5. Dry Hydrant, Wolverine Creek
6. Resurface mile 0 - 1.5 Clark Wolverine Rd.
7. Old Glenn Hwy, improvement: Upgrade intersection of Old Glenn and Clark-Wolverine Rd., Improve intersection of Old Glenn Hwy and Smith Rd., Improve intersection of Old Glenn Hwy. and Robin Lane.
8. Upgrade and pave Wolverine Rd. from mile 6.5 to cul-de-sac at end of Rd.
9. Add guardrails on South/West side of canyon @ Wolverine Creek.
10. Straighten/Align Wolverine Rd. to the section line at the top of the Canyon - to get away from the steep slope. (Ken Rowland 745-4782, stated that as the property owner at that location that he would donate right-of-way to allow for new alignment).
11. Install a guardrail on South side of Smith Rd. along a steep slope. (South of Leslie Klebesadel and North of Nancy Colbeth properties - west of the intersection of East/West Smith Rd. and North/South Smith Rd.) Switch to e/s
12. Widen Kathleen Rd. at the intersection of Kathleen and Wolverine Rd.
13. Install street light at intersection of Aurora Lane and Smith Extension.

14.