

STATE OF ALASKA DEPARTMENT OF NATURAL RESOURCES
DIVISION OF MINING, LAND AND WATER

Northern Region
3700 Airport Way
Fairbanks, AK 99709
(907) 451-2740

Southcentral Region
550 W 7th Ave., Suite 900C
Anchorage, AK 99501-3577
(907) 269-8552

Southeast Region
400 Willoughby
P.O. Box 111020
Juneau, AK 99811-1020
(907) 465-3400

APPLICATION FOR EASEMENT
AS 38.05.850

Non-refundable application fee: \$100*

ADL # 419221
(to be filled in by state)

Applicant's Name Golden Valley Electric Association/ADOT&PF business as:

Mailing Address PO BOX 71249 E-Mail: GEWyman@gvea.com

City/State/Zip Fairbanks, AK 99707-1249

Message Phone () Work Phone (907)451-5629

Is applicant a nonprofit cooperative association? yes [] no. If yes, are you applying for an exemption under **AS 38.05.850(b)**? [] yes no. If yes, please submit proof of nonprofit status (e.g. by-laws, articles of incorporation, tax statement).

Location of activity/Legal Description: Municipality _____, Meridian Fairbanks
Township 10 S, Range 7 W, Section 27-30, 22-23, 13-15 1/4, 1/4
Township 10 S, Range 8 W, Section 25-27, 1/4, 1/4

(attach extra sheets as needed)

Total length of applied-for easement (feet): 42,240 ft Total width of applied-for easement (feet): 100 ft

Acres encompassed by easement: 97 acres (43,560 square feet = 1 acre)

Specific purpose of easement (e.g. electric utility, fiber-optic conduit or cable, telecommunications tower, road, bridge, airstrip/airport, driveway, trail, drainage), and type of anticipated traffic (e.g. plane, truck, heavy equipment): Explain Rerouting and widening of some locations of the existing Ferry Road to accommodate longer loads and potentially increased traffic usage as a result of the Eva Creek Wind energy project. See project description

Are you applying for the Division of Mining, Land and Water to reserve a Public Easement? Yes No . Are you applying to be granted a Private Easement? Yes No . (Note: Annual rental fee required for private easement)

*See 11 AAC 05.010 regarding fees for federal, state, and local government agencies

Date Stamp:

RECEIVED
4/21/10
a

State briefly the standards and methods of construction: e.g. regulated standards, winter trail, dirt trail, gravel road, paved road, etc.; clearing by hand, clearing/construction by mechanical equipment (state type of equipment to be used, e.g. J.D. 350, 944 F.E. loader, hydro-axe, D-8), or establishment by use only. _____

See Attachment 1

Is this an existing use? Yes No . If yes, provide documentation verifying existing use, such as easement atlas, affidavits attesting to use and existence, pictures, etc.

Construction to begin: April 2012

Construction to be completed by: September 2012

Other permits or authorizations applied for in conjunction with this proposed project: _____

Another easement for the access roads to turbines, Land Lease, Land Use Permit, USACE
Section 404 Permit, Form 7460 submitted to FAA, Section 7 Consultations and Section 106
Consultation letters.

If this authorization is granted, I agree to construct and maintain the improvements authorized in a workmanlike manner, and to keep the area in a neat and sanitary condition; to comply with all the laws, rules, and regulations pertaining thereto; and provided further that upon termination of the easement for which application is being made, I agree to remove or relocate the improvements and restore the area without cost to the state and to the satisfaction of the Director of the Division of Mining, Land and Water.

Applicant's

Greg Wyzman 4-18-11
Signature Date
by Cheryl Lambert

INSTRUCTIONS: Attach a USGS map (scale of 1:63,360) or a state status plat showing the location of the proposed easement, and an environmental risk assessment questionnaire (form 102-4008A).

The final granting of a private easement or reservation of a public easement will be contingent upon our receipt of a plat depicting the post-construction location of the improvements. If your application is approved, instructions for the completion of the plat will be provided to you, or can be picked up at any of our offices.

AS 38.05.035(a) authorizes the director to decide what information is needed to process an application for the sale or use of state land and resources. This information is made a part of the state public land records and becomes public information under AS 40.25.110 and 40.25.120 (unless the information qualifies for confidentiality under AS 38.05.035(a)(9) and confidentiality is requested). Public information is open to inspection by you or any member of the public. A person who is the subject of the information may challenge its accuracy or completeness under AS 44.99.310, by giving a written description of the challenged information, the changes needed to correct it, and a name and address where the person can be reached. False statements made in an application for a benefit are punishable under AS 11.56.210.

Eva Creek Wind Energy Project Easement Application for Ferry-Eva-Moose Creek Road Project Description

1. Introduction

Golden Valley Electric Association (GVEA) is proposing to construct a 24 megawatt (MW) wind farm on the ridges above the Eva Creek valley, located east of the Nenana River approximately 15 miles northeast of Healy, Alaska. Power generated by the wind farm would feed into GVEA's 230 kilovolt (kV) Northern Intertie transmission line, which bisects the proposed project area. The power will then be available for distribution throughout GVEA's service area.

2. Project Overview

The project would encompass a total of approximately 170 acres within three primary geographical areas: 1) two subalpine ridge sites at the head of Moose and Eva creeks in the Northern foothills of the Alaska range; 2) Ferry-Eva-Moose Creek Road (or "Ferry Road") extending from the ridges to Ferry, Alaska; and 3) sites in Ferry, Alaska. The project will also require up to eight Gravel Extraction Sites to obtain necessary materials for construction.

Ridge site activities include the installation and operation of up to 16 power-generating wind turbines on two subalpine ridges at the headwaters of Eva Creek. Additional development at this location would include the construction of a substation, an Operations and Maintenance (O&M) building, a temporary laydown area, underground feeder electrical lines, and approximately 8 miles of access roads connecting all development. In order to accommodate construction needs of the project, Ferry Road would require realignment and widening in some locations. A warm storage building would be constructed in Ferry, Alaska and will be used to store two vehicles and miscellaneous equipment. The project would also require the construction of a heavy equipment loading/unloading area at the existing railroad siding at Ferry.

3. Ferry-Eva-Moose Creek Road Realignment

Ferry-Eva-Moose Creek Road is an existing public road with a 100ft wide Alaska Department of Transportation (ADOT) right-of-way (ROW). The land on either side of the ROW is primarily state-owned and administered by ADNR, except for an area north and south of the road at the far western end by Ferry which is privately owned (Figure 1 - Project Overview). An ADNR easement will be required for the locations where the realigned road extends out of the existing ADOT ROW. The easement will be issued to ADOT, but GVEA requests that early authorization to begin construction work will be issued to GVEA. As-builts of the new road will be provided following construction to ADNR as a basis for the final easement.

Extensive upgrade and improvements to the existing road will be required to accommodate equipment during construction, such as cranes, trucks with long extended trailers. Curves will be straightened and vertical inclines lessened. After the wind turbines are installed, the roads will continue to be used for routine maintenance of the turbines. These are public roads that are used by miners to access their claims as well as by hunters and recreational users. Some access control may be required on road during construction of the wind farm. After construction is complete, road access will not be restricted.

The realigned road will be 18ft wide on the far eastern and far western ends, and 26ft wide in the middle, where two lanes will be necessary (Figure 3 – Typical Road Section). The alterations to the road will only extend to the diversion point of the Ferry-Eva-Moose Creek Road; from there the project will require access roads to the turbine sites. The access roads will require a separate easement from ADNR.

ADNR Easement Application
 Eva Creek Wind Energy Project
 Project Description
 Page 2

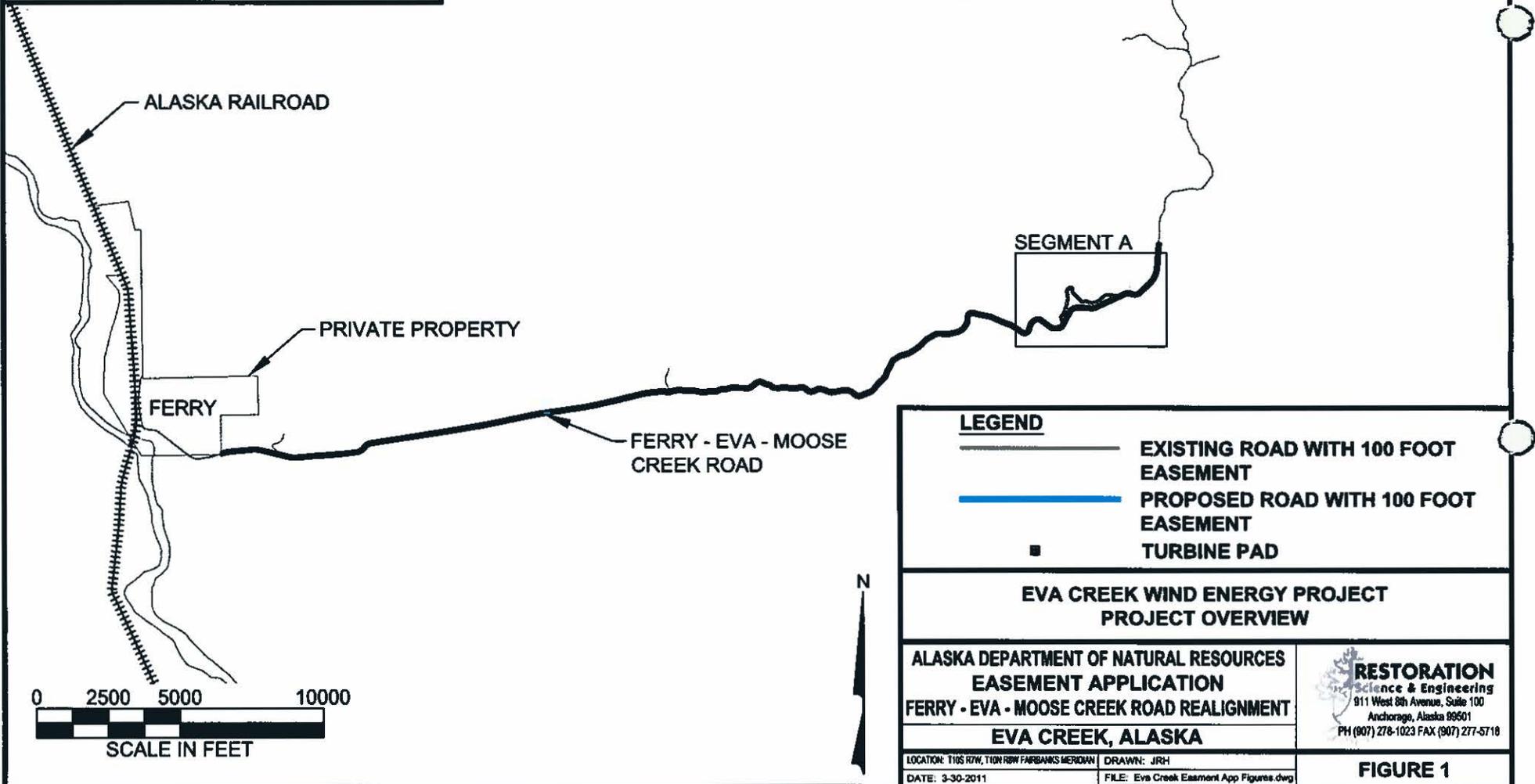
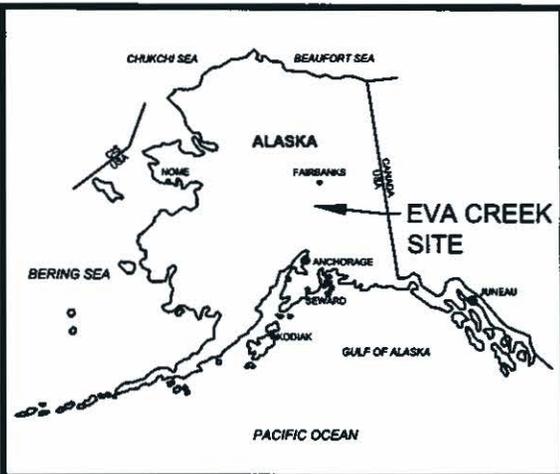
There is one location, Segment A, that will require extensive realignment which will total approximately 2,227.66ft in length and 5.12 acres. The locations of the proposed road realignment and the major alteration are listed below in Table 1 and Figures 1 and 2.

Additional minor realignments may be necessary at other locations along the road. These are not called out in the attached figures but will be included in the as-builts to be used as a basis for the final easement.

Table 1: Ferry-Eva-Moose Creek Road Realignment Details

Ferry Road	Length of Road	Area	Start of Road		End of Road	
	Feet	Acres	Latitude	Longitude	Latitude	Longitude
Ferry Eva Moose Creek Road	36968.17	84.87	N 64° 00' 42.24"	W 149° 05' 51.93"	N 64° 1' 48.88"	W 148° 53' 35.04"
Segment A	2227.66	5.12	N 64° 01' 22.23"	W 148° 54' 50.14"	N 64° 1' 30.61"	W 148° 54' 07.99"

a. Area based on 100-foot easement



LEGEND	
	EXISTING ROAD WITH 100 FOOT EASEMENT
	PROPOSED ROAD WITH 100 FOOT EASEMENT
	TURBINE PAD

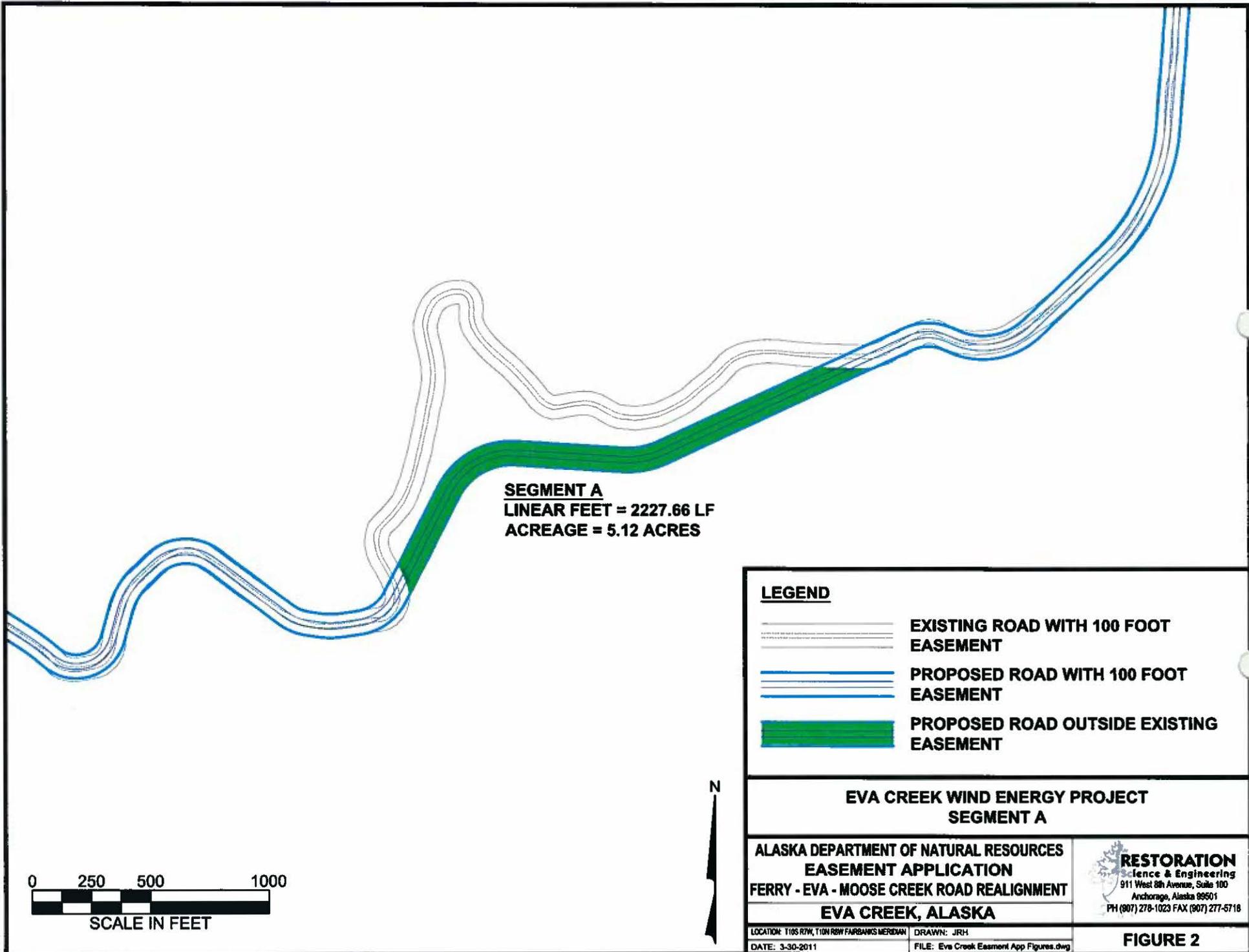
**EVA CREEK WIND ENERGY PROJECT
PROJECT OVERVIEW**

**ALASKA DEPARTMENT OF NATURAL RESOURCES
EASEMENT APPLICATION
FERRY - EVA - MOOSE CREEK ROAD REALIGNMENT
EVA CREEK, ALASKA**

RESTORATION
Science & Engineering
911 West 8th Avenue, Suite 100
Anchorage, Alaska 99501
PH (907) 278-1023 FAX (907) 277-5718

LOCATION: T10S R7W, T10N R9W FAIRBANKS MERIDIAN DRAWN: JRH
DATE: 3-30-2011 FILE: Eva Creek Easement App Figures.dwg

FIGURE 1



SEGMENT A
LINEAR FEET = 2227.66 LF
ACREAGE = 5.12 ACRES

LEGEND

-  EXISTING ROAD WITH 100 FOOT EASEMENT
-  PROPOSED ROAD WITH 100 FOOT EASEMENT
-  PROPOSED ROAD OUTSIDE EXISTING EASEMENT

**EVA CREEK WIND ENERGY PROJECT
 SEGMENT A**

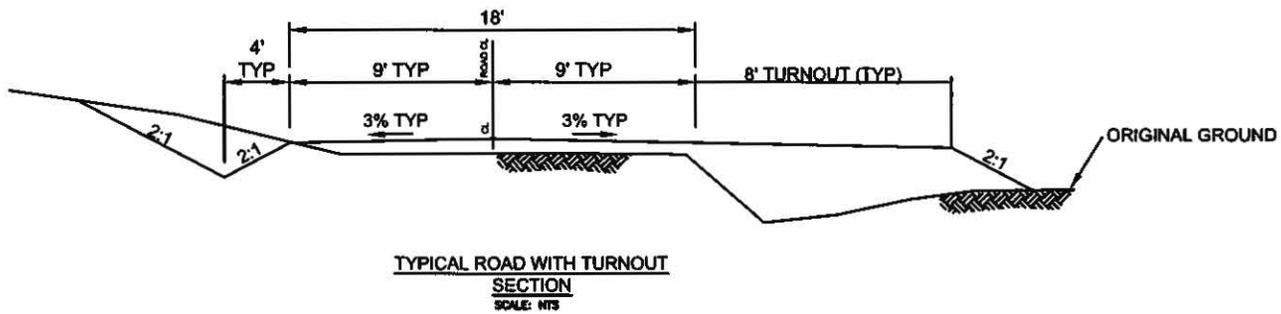
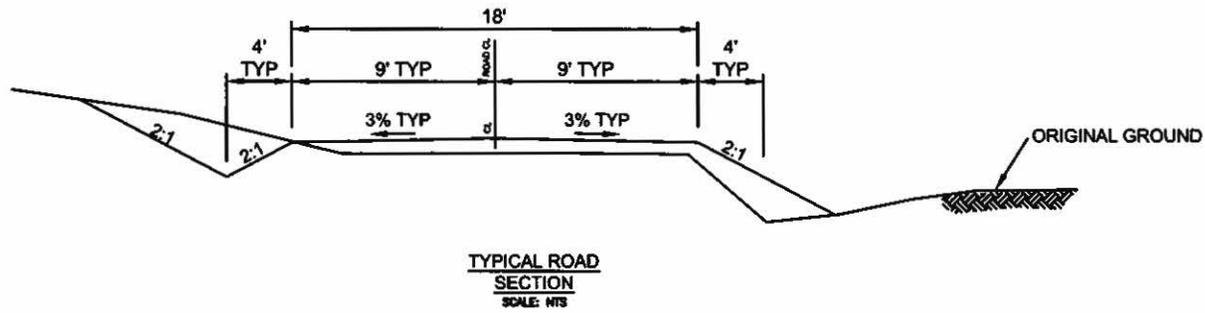
**ALASKA DEPARTMENT OF NATURAL RESOURCES
 EASEMENT APPLICATION
 FERRY - EVA - MOOSE CREEK ROAD REALIGNMENT
 EVA CREEK, ALASKA**

RESTORATION
 Science & Engineering
 911 West 8th Avenue, Suite 100
 Anchorage, Alaska 99501
 PH (907) 278-1023 FAX (907) 277-5718

LOCATION: T10S R7W, T10N R6W FAIRBANKS MERIDIAN DRAWN: JRH
 DATE: 3-30-2011 FILE: Eva Creek Easment App Figures.dwg

FIGURE 2





EVA CREEK WIND ENERGY PROJECT TYPICAL ROAD SECTION	
ALASKA DEPARTMENT OF NATURAL RESOURCES EASEMENT APPLICATION FERRY - EVA - MOOSE CREEK ROAD REALIGNMENT	
EVA CREEK, ALASKA	
LOCATION: T105 ROW, T109 ROW FAIRBANKS MERIDIAN	DRAWN: JRH
DATE: 3-30-2011	FILE: Eva Creek Easment App Figures.dwg
 RESTORATION Science & Engineering 911 West 8th Avenue, Suite 100 Anchorage, Alaska 99501 PH (907) 278-1023 FAX (907) 277-5718	
FIGURE 3	

STATE OF ALASKA DEPARTMENT OF NATURAL RESOURCES
DIVISION OF MINING, LAND AND WATER

- | | | | |
|--|---|---|--|
| <input type="checkbox"/> Contract Administration
550 W 7th Ave., Suite 640
Anchorage, AK 99501-3576
(907) 269-8594 | <input checked="" type="checkbox"/> Northern Region
3700 Airport Way
Fairbanks, AK 99709
(907) 451-2740 | <input type="checkbox"/> Southcentral Region
550 W 7th Ave., Suite 900C
Anchorage, AK 99501-3577
(907) 269-8552 | <input type="checkbox"/> Southeast Region
400 Willoughby,
Suite #400
P.O. Box 111020
Juneau, AK 99801
(907) 465-3400 |
|--|---|---|--|

APPLICANT ENVIRONMENTAL RISK QUESTIONNAIRE

The purpose of this questionnaire is to help clarify the types of activities you propose to undertake. The questions are meant to help identify the level of environmental risk that may be associated with the proposed activity. The Division of Mining, Land and Water's evaluation of environmental risk for the proposed activity does not imply that the parcel or the proposed activity is an environmental risk from the presence or use of hazardous substances.

Through this analysis, you may become aware of environmental risks that you did not know about. If so, you may want to consult with an environmental engineer or an attorney.

<u>Golden Valley Electric Association</u>			
Applicant's Name	Doing Business As		
PO BOX 71249	Fairbanks	AK	99707-1249
Address	City	State	Zip
()	(907) 451-5629	GEWyman@gvea.com	Gregory E. Wyman
Message Phone	Work Phone	E-Mail	Contact Person

Describe the proposed activity:

Golden Valley Electric Association (GVEA) is proposing to construct a 24 megawatt (MW) wind farm in the Eva Creek Valley, located east of the Nenana River approximately 15 miles north-east of Healy, Alaska. In order to accommodate construction needs of the project, the road will require realignment and widening in some locations.

In the course of your proposed activity will you generate, use, store, transport, dispose of, or otherwise come in contact with toxic and/or hazardous materials, and/or hydrocarbons? Yes No

If yes, please list the substances and the associated quantities. Use a separate sheet of paper, if necessary.

See Attachment I

If the proposed activities involve any storage tanks, either above or below ground, address the following questions for each tank. Please use a separate sheet of paper, if necessary, and, where appropriate, include maps or plats:

a. Where will the tank be located? Attachment 1

b. What will be stored in the tank? Attachment 1

c. What will be the tank's size in gallons? Attachment 1

d. What will the tank be used for? (Commercial or residential purposes?) Attachment 1

e. Will the tank be tested for leaks? Attachment 1

f. Will the tank be equipped with leak detection devices? Yes No . If yes, describe: Attachment 1

Do you know or have any reason to suspect that the site may have been previously contaminated? Yes No .

If yes, please explain: _____

Roads and trails have been used by miners and hunters over the past 70 years. There is a possibility there has been minor spills, but we don't expect any large scale contamination.

I certify that due diligence has been exercised and proper inquiries made in completing this questionnaire, and that the foregoing is true and correct to the best of my knowledge.

Breg Wyman
Applicant by Cheryl Lauder

4-18-11
Date

AS 38.05.035(a) authorizes the director to decide what information is needed to process an application for the sale or use of state land and resources. This information is made a part of the state public land records and becomes public information under AS 40.25.110 and 40.25.120 (unless the information qualifies for confidentiality under AS 38.05.035(a)(9) and confidentiality is requested). Public information is open to inspection by you or any member of the public. A person who is the subject of the information may challenge its accuracy or completeness under AS 44.99.310, by giving a written description of the challenged information, the changes needed to correct it, and a name and address where the person can be reached. False statements made in an application for a benefit are punishable under AS 11.56.210.

Attachment 1

Applicant Environmental Risk Questionnaire Eva Creek Wind Energy Project

GVEA's construction contractor will be responsible for preparation and implementation for a Hazardous Materials Control Plan (HMCP) and a Spill Prevention Control and Countermeasure (SPCC) plan, which will include the information the Environmental Risk Questionnaire requires. These documents will be provided to ADNR upon receipt from the contractor.

The HMCP will include the following:

1. Information to prevent pollution from storage, use, containment, cleanup, and disposal of all hazardous material, including petroleum products related to construction activities and equipment.
2. List and give the location and estimated quantities of hazardous materials (Including materials listed in 40 CFR 117 and 302, and petroleum products) to be used or stored on the Project.
3. Identify the locations where fueling and maintenance activities will take place, describe the activities, and list controls to prevent accidental spillage of petroleum products and other hazardous materials. Controls including placing absorbent pads or other suitable containment under fill ports while fueling and under equipment during maintenance or repairs. Secondary containment must be installed under all stationary equipment that contains petroleum products.
4. Types and approximate quantities of response equipment and cleanup materials available on the Project.
5. Procedures for containment and cleanup of hazardous materials including a plan for prevention, containment, cleanup, and disposal of soil and water contaminated by spills.
6. Methods of disposing of waste petroleum products and other hazardous materials generated by the Project, including routine maintenance.
7. Methods of complying with 18 AAC 75 and AS 46, Oil and Hazardous Substances Pollution Control and include contact information for reporting hazardous materials and petroleum product releases to federal, state and local agencies.

Information on estimated crews and equipment needed for construction is found in the table below:

Table 1: Estimated Crews and Equipment Needs for Construction

Construction Activity	Crews	Crew Size	Equipment Needed
Clearing and Grubbing	2	4	2 Loader Excavators, 2 HydroAxes, 2 Dozers
Site Grading, Road Construction and Foundations	2	20	2 Excavators, 2 Compactors, 2 Graders, 2 Water Trucks, 2 Dozers, 1 Concrete Batch Plant, 20 Concrete Trucks, 2 Screening Plants, 1 Rock Crusher
Turbines/Electrical	1	25	4 Backhoes, 2 Cranes, 2 Forklifts, 20 Trucks, 1 Water Truck
Buildings and Substation	1	10	2 Dozers, 2 Excavators, 2 Equipment Trucks, 2 cranes
Site Clean Up	2	5	2 Pick-up Trucks
Maintenance	1	4	2 Pick-up Trucks /2 Snow Machines