



US Army Corps
of Engineers
Alaska District

Public Notice of Application for Permit

Regulatory Division (1145)
CEPOA-RD
Post Office Box 6898
JBER, Alaska 99506-0898

PUBLIC NOTICE DATE: February 1, 2013
EXPIRATION DATE: March 4, 2013
REFERENCE NUMBER: POA-2012-897
WATERWAY: Colleen Lake

Interested parties are hereby notified that a Department of the Army permit application has been received for work in waters of the United States as described below and shown on the enclosed project drawings.

Comments on the described work, with the reference number, should reach this office no later than the expiration date of this Public Notice to become part of the record and be considered in the decision. Please contact **Robert Jobson** at (907) 753-2787 or toll free from within Alaska at (800) 478-2712, by fax at (907) 753-5567, or by email at **Robert.W.Jobson@usace.army.mil** if further information is desired concerning this notice.

APPLICANT: Deadhorse Aviation Center, 9525 King Street, Anchorage, AK 99515.

AGENT: Hattenburg Dilley & Linnell, 3335 Arctic Blvd., Anchorage, AK 99503.

LOCATION: The project site is located within Section 25, T. 10 N., R. 14 E., Umiat Meridian; USGS Quad Map Beechey Point A-3; Latitude 70.1965° N., Longitude -148.4782° W.; in Deadhorse, Alaska.

PURPOSE: The applicant's stated purpose is to establish a gravel pad in support of constructing an airport hanger and storage space for Hercules (HERC) and 737 aircraft at the Deadhorse Airport.

PROPOSED WORK: Discharge 150,000 cubic yards of non-frost susceptible gravel into 14.4 acres of wet tundra. All work would be performed in accordance with the enclosed plan (Figure 1 dated 10/26/12, Figure 2 dated 9/27/12, and Figures C2.0 and C3.0 dated 10/31/12).

APPLICANT PROPOSED MITIGATION: The applicant proposes the following mitigation measures to avoid, minimize, and compensate for impacts to waters of the United States from activities involving discharges of dredged or fill material.

a. Avoidance: A preliminary Wetlands Delineation, conducted in August 2012, mapped the entire property as wetlands. In addition, wetlands mapping from 2004 Deadhorse Airport Environmental Assessment and the National Wetland Inventory indicated wetlands surround all undeveloped land surrounding the airport and taxiway. There are no practicable alternatives that would allow the project to avoid placement of fill in wetlands.

b. Minimization: To minimize impacts to surrounding wetlands, ground disturbance will be kept to the minimum necessary to perform the work, clean gravel will be used, and the pad will be watered during construction to control fugitive dust.

c. Compensatory Mitigation: Deadhorse Aviation Center proposes to pay an in-lieu fee for compensation for direct, unavoidable impacts to 14.4 acres of wetland. An estimate provided by The Conservation Fund was calculated at \$237,000. The estimate assumes a mitigation ration of 1.5:1, preserving 21.6 acres of wetlands.

WATER QUALITY CERTIFICATION: A permit for the described work will not be issued until a certification or waiver of certification, as required under Section 401 of the Clean Water Act (Public Law 95-217), has been received from the Alaska Department of Environmental Conservation.

CULTURAL RESOURCES: The latest published version of the Alaska Heritage Resources Survey (AHRs) has been consulted for the presence or absence of historic properties, including those listed in or eligible for inclusion in the National Register of Historic Places. There are no listed or eligible properties in the vicinity of the worksite. Consultation of the AHRs constitutes the extent of cultural resource investigations by the District Commander at this time, and he is otherwise unaware of the presence of such resources. This application is being coordinated with the State Historic Preservation Office (SHPO). Any comments SHPO may have concerning presently unknown archeological or historic data that may be lost or destroyed by work under the requested permit will be considered in our final assessment of the described work.

ENDANGERED SPECIES: The project area is within the known or historic range of three threatened species: Spectacled eider (*Somateria fischeri*), Steller's eider (*Polysticta stelleri*), and polar bear (*Ursus maritimus*).

We have determined the described activity would have no effect on any listed or proposed threatened or endangered species, and would have no effect on any designated or proposed critical habitat, under the Endangered Species Act of 1973 (87 Stat. 844). Therefore, no consultation with the U.S. Fish and Wildlife Service or the National Marine Fisheries Service is required. However, any comments they may have concerning endangered or threatened wildlife or plants or their critical habitat will be considered in our final assessment of the described work.

ESSENTIAL FISH HABITAT: The Magnuson-Stevens Fishery Conservation and Management Act, as amended by the Sustainable Fisheries Act of 1996, requires all Federal agencies to consult with the NMFS on all actions, or proposed actions, permitted, funded, or undertaken by the agency, that may adversely affect Essential Fish Habitat (EFH).

No EFH species are known to use the project area.

We have determined the described activity would not adversely affect EFH in the project area.

TRIBAL CONSULTATION: The Alaska District fully supports tribal self-governance and government-to-government relations between Federally recognized Tribes and the Federal government. Tribes with protected rights or resources that could be significantly affected by a proposed Federal action (e.g., a permit decision) have the right to consult with the Alaska District on a government-to-government basis. Views of each Tribe regarding protected rights and resources will be accorded due consideration in this process. This Public Notice serves as notification to the Tribes within the area potentially affected by the proposed work and invites their participation in the Federal decision-making process regarding the protected Tribal right or resource. Consultation may be initiated by the affected Tribe upon written request to the District Commander during the public comment period.

PUBLIC HEARING: Any person may request, in writing, within the comment period specified in this notice, that a public hearing be held to consider this application. Requests for public hearings shall state, with particularity, reasons for holding a public hearing.

EVALUATION: The decision whether to issue a permit will be based on an evaluation of the probable impacts, including cumulative impacts of the proposed activity and its intended use on the public interest. Evaluation of the probable impacts, which the proposed activity may have on the public interest, requires a careful weighing of all the factors that become relevant in each particular case. The benefits, which reasonably may be expected to accrue from the proposal, must be balanced against its reasonably foreseeable detriments. The outcome of the general balancing process would determine whether to authorize a proposal, and if so, the conditions under which it will be allowed to occur. The decision should reflect the national concern for both protection and utilization of important resources. All factors, which may be relevant to the proposal, must be considered including the cumulative effects thereof. Among those are conservation, economics, aesthetics, general environmental concerns, wetlands, cultural values, fish and wildlife values, flood hazards, floodplain values, land use, navigation, shore erosion and accretion, recreation, water supply and conservation, water quality, energy needs, safety, food and fiber production, mineral needs, considerations of property ownership, and, in general, the needs and welfare of the people. For activities involving 404 discharges, a permit will be denied if the discharge that would be authorized by such permit would not comply with the Environmental Protection Agency's 404(b)(1) guidelines. Subject to the preceding sentence and any other applicable guidelines or criteria (see Sections 320.2 and 320.3), a permit will be granted unless the District Commander determines that it would be contrary to the public interest.

The Corps of Engineers is soliciting comments from the public; Federal, State, and local agencies and officials; Indian Tribes; and other interested parties in order to consider and evaluate the impacts of this proposed activity. Any comments received will be considered by the Corps of Engineers to determine whether to issue, modify, condition or deny a permit for this proposal. To make this decision, comments are used to assess impacts on endangered species, historic properties, water quality, general environmental effects, and the other public interest factors listed above. Comments are used in the preparation of an Environmental Assessment and/or an Environmental Impact Statement pursuant to the

National Environmental Policy Act. Comments are also used to determine the need for a public hearing and to determine the overall public interest of the proposed activity.

AUTHORITY: This permit will be issued or denied under the following authority:

(X) Discharge dredged or fill material into waters of the United States - Section 404 Clean Water Act (33 U.S.C. 1344). Therefore, our public interest review will consider the guidelines set forth under Section 404(b) of the Clean Water Act (40 CFR 230).

Project drawings and a Notice of Application for State Water Quality Certification are enclosed with this Public Notice.

District Commander
U.S. Army, Corps of Engineers

Enclosures

STATE OF ALASKA

DEPT. OF ENVIRONMENTAL CONSERVATION
DIVISION OF WATER
401 Certification Program
Non-Point Source Water Pollution Control Program

DEPARTMENT OF ENVIRONMENTAL CONSERVATION
WQM/401 CERTIFICATION
555 CORDOVA STREET
ANCHORAGE, ALASKA 99501-2617
PHONE: (907) 269-7564/FAX: (907) 334-2415

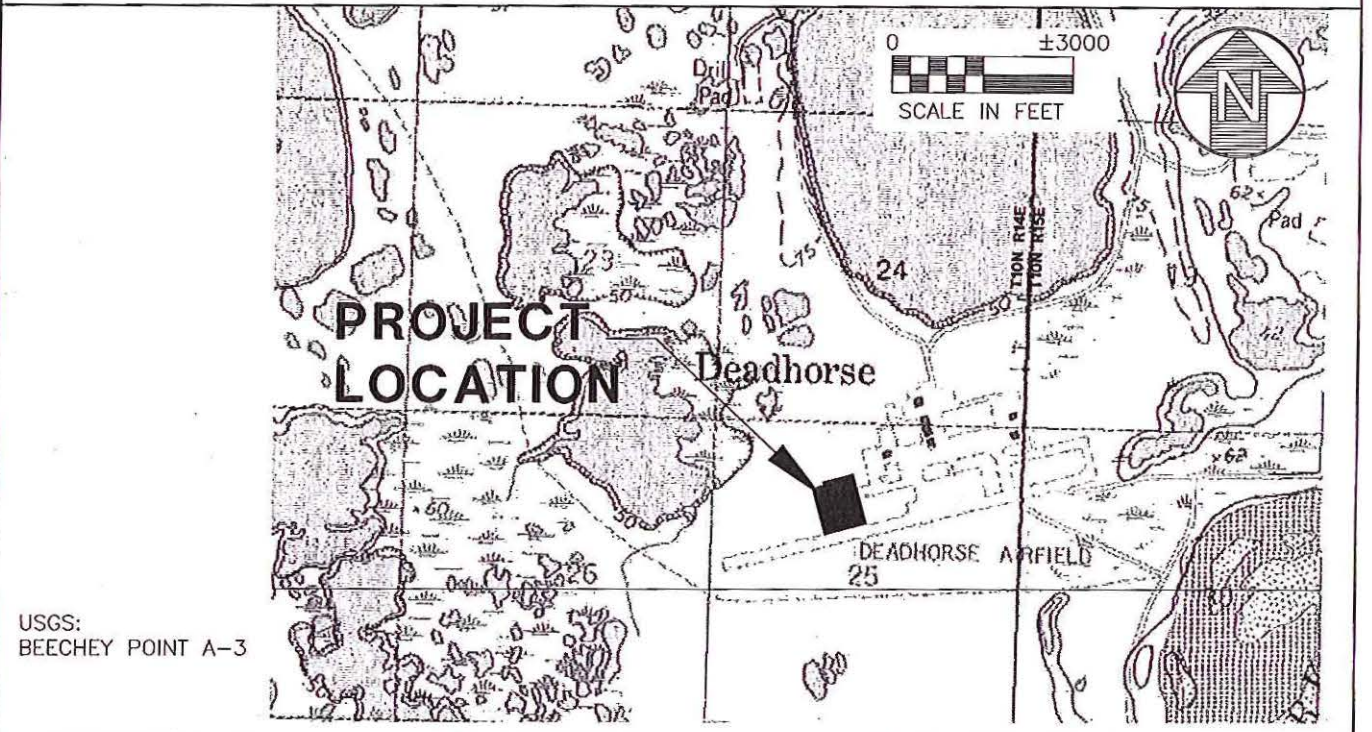
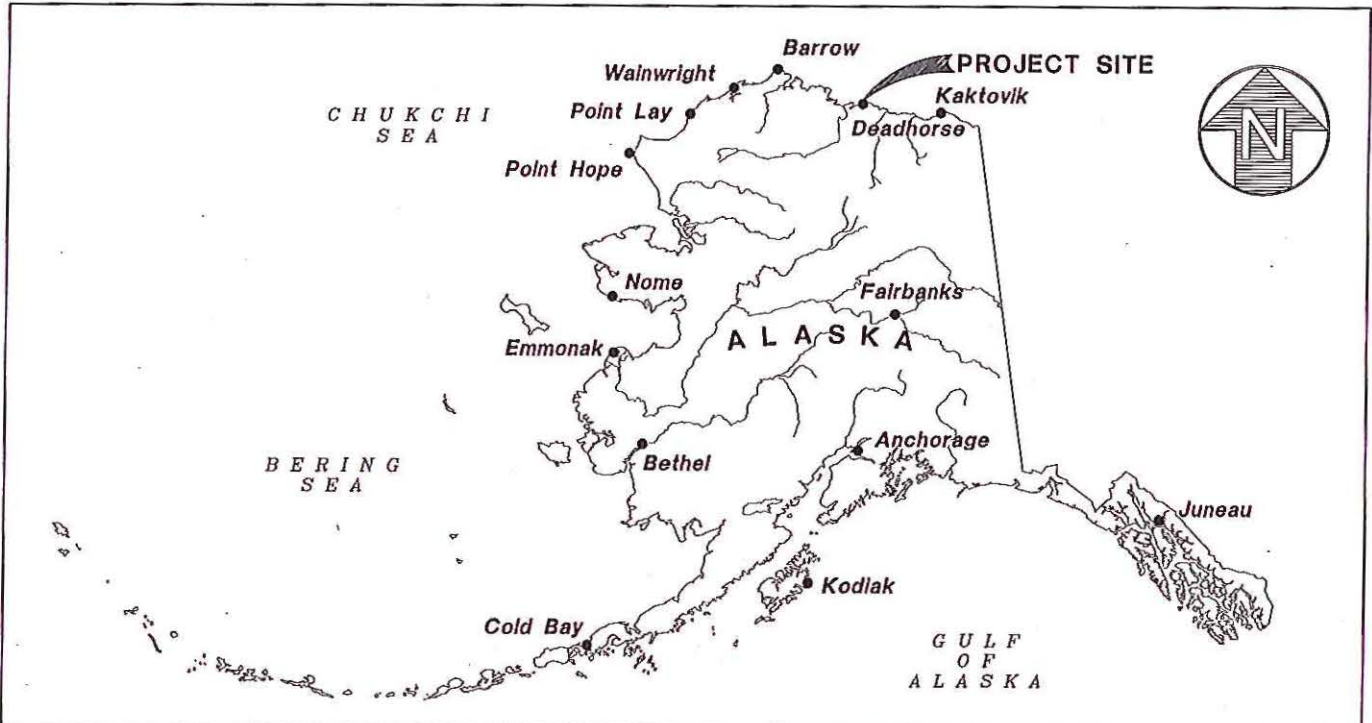
**NOTICE OF APPLICATION
FOR
STATE WATER QUALITY CERTIFICATION**

Any applicant for a federal license or permit to conduct an activity that might result in a discharge into navigable waters, in accordance with Section 401 of the Clean Water Act of 1977 (PL95-217), also must apply for and obtain certification from the Alaska Department of Environmental Conservation that the discharge will comply with the Clean Water Act, the Alaska Water Quality Standards, and other applicable State laws. By agreement between the U.S. Army Corps of Engineers and the Department of Environmental Conservation, application for a Department of the Army permit to discharge dredged or fill material into navigable waters under Section 404 of the Clean Water Act also may serve as application for State Water Quality Certification.

Notice is hereby given that the application for a Department of the Army Permit described in the Corps of Engineers' Public Notice No. POA-2012-897 Colleen Lake serves as application for State Water Quality Certification from the Department of Environmental Conservation.

After reviewing the application, the Department may certify there is reasonable assurance the activity, and any discharge that might result, will comply with the Clean Water Act, the Alaska Water Quality Standards, and other applicable State laws. The Department also may deny or waive certification.

Any person desiring to comment on the project, with respect to Water Quality Certification, may submit written comments to the address above by the expiration date of the Corps of Engineer's Public Notice.



PURPOSE:
 PLACEMENT OF FILL MATERIAL FOR GRAVEL PAD EXPANSION

ADJACENT PROPERTY OWNERS:
 ADOT&PF

VICINITY MAP

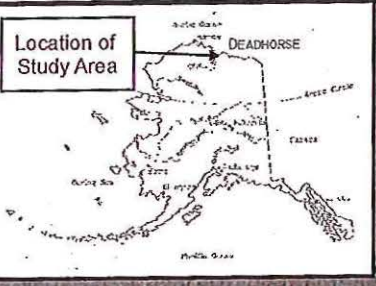
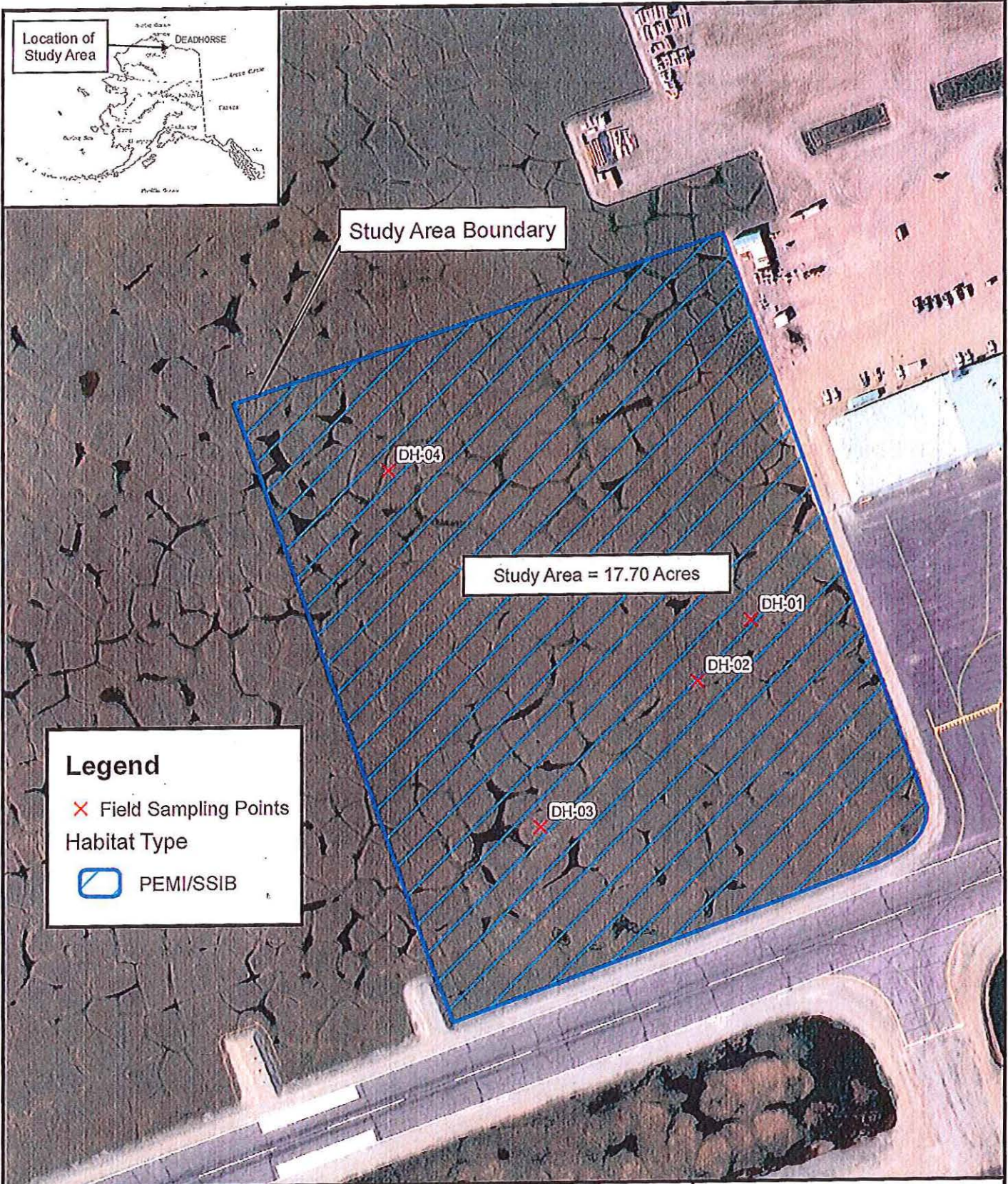
APPLICANT/AGENT:
 DEADHORSE AVIATION CENTER, LLC

AGENT:
 HATTENBURG DILLEY & LINNELL
 3335 ARCTIC BLVD. SUITE 100
 ANCHORAGE, ALASKA 99503

**HERC GRAVEL PAD
 DEADHORSE, ALASKA**

LOCATED WITHIN SECTION 25,
 TOWNSHIP 10 NORTH, RANGE 14 EAST,
 UMIAT MERIDIAN, ALASKA

DATE: 10/26/12 | SHEET: FIGURE 1



Study Area Boundary

Study Area = 17.70 Acres

Legend

- ✕ Field Sampling Points
- Habitat Type
- PEMI/SSIB



1:2,400

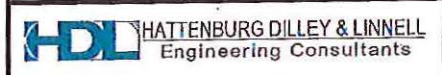
1 inch = 200 feet

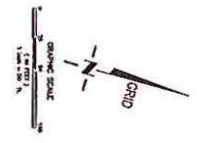


Spatial Reference System:
 Horizontal: NAD 83 Alaska Albers
 Vertical: None
 Compiled 9/27/2012 by JEB

Figure 2
 Wetlands Delineation

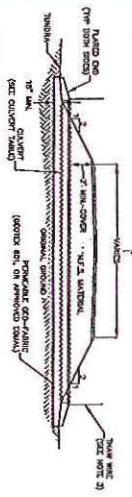
HERC Gravel Pad Expansion
 Deadhorse Aviation Center
 Deadhorse, Alaska



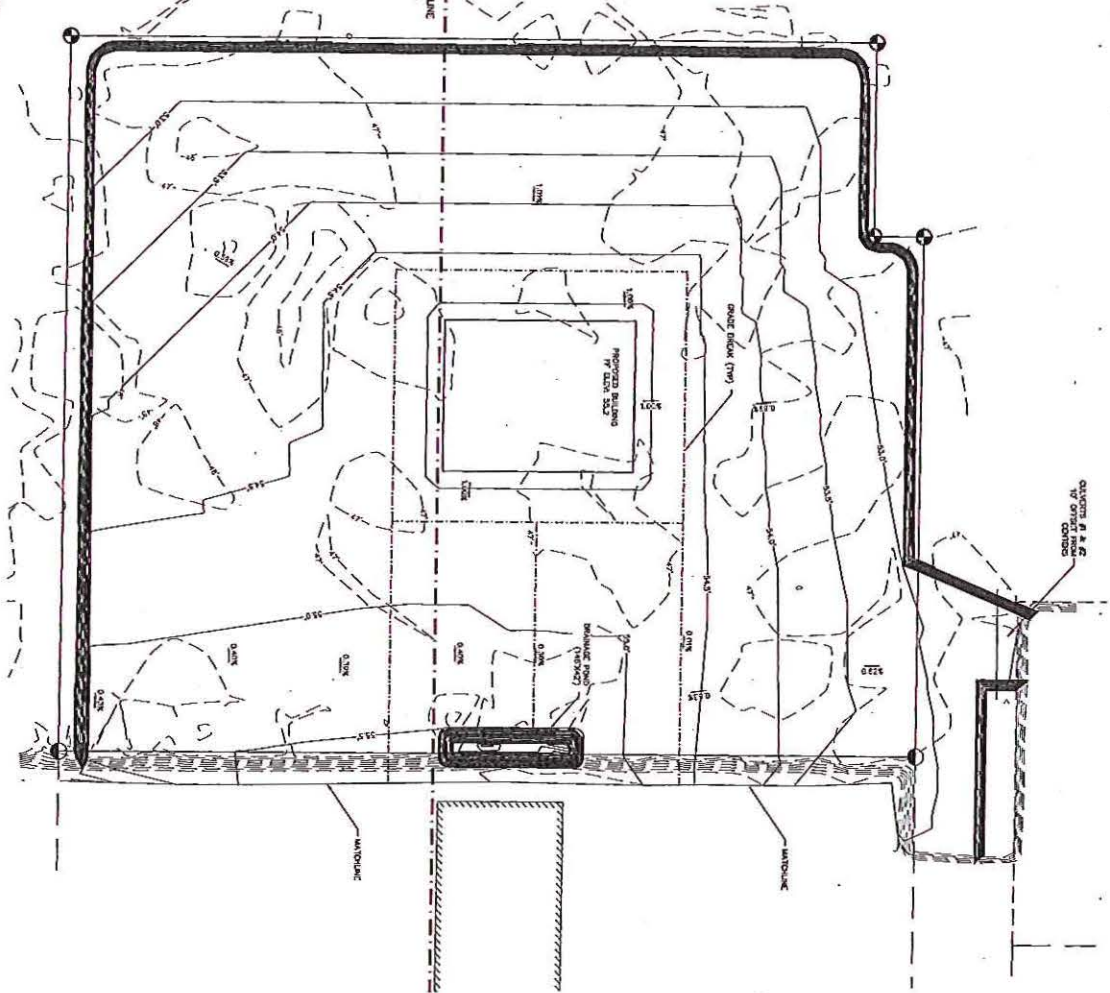


CULVERT TABLE					
NAME	LENGTH (L _T)	DIAMETER	DRIVEWAY STA	INVERT IN	INVERT OUT
CULVERT #1	120'	36"	48+00	47.20	
CULVERT #2	120'	36"	48+00	47.20	47.20

- NOTES:**
1. LINED STIFF OR COMPOSITE METAL PIPE MAY BE USED. SEE CULVERT TABLE FOR SIZES AND SPACING AND INVERT INFORMATION.
 2. ALL CULVERTS SHALL BE CONSTRUCTED TO MEET THE DESIGN CRITERIA AND SHALL BE CONFORMANT WITH THE AASHTO M29.1 SPECIFICATION.
 3. ALL CULVERTS SHALL HAVE PROTECTIVE END WALLS AND SHALL BE CONFORMANT WITH THE AASHTO M29.1 SPECIFICATION.
 4. ALL TIE MATERIAL SHALL BE CONFORMANT TO 95% OR HIGHER QUALITY.
 5. PROTECTIVE END WALLS SHALL BE CONSTRUCTED TO 95% OR HIGHER QUALITY.
 6. PROTECTIVE END WALLS SHALL BE CONSTRUCTED TO 95% OR HIGHER QUALITY.



DETAIL - TYPICAL CULVERT



- LEGEND**
- LOT BOUNDARY - PROJECT CENTER
 - LOT BOUNDARY - ADJACENT
 - EXISTING DRIVEWAY
 - PROPOSED DRIVEWAY
 - EXISTING CULVERT
 - PROPOSED CULVERT
 - EXISTING MANHOLE
 - PROPOSED MANHOLE

ESTIMATED MATERIAL QUANTITIES

- TOTAL AREA OF PROJECT = 65,812 SF (1.44 ACRES)
- CALCULATED DRAIN RAIN QUANTITIES = 15,150 CU YD
- CALCULATED BY DIRECT COMPARISON BETWEEN THE FINAL GRADE DESIGN SURFACE AND THE EXISTING TUNNAGE SURFACE
- CALCULATED IN-SITU QUANTITIES = 184,250 CU YD
- ACCOUNTS FOR 20% INCREASE FOR COMPACTION & HAULING

- DESIGN NOTES**
1. THE DRIVEWAY DIMENSIONS ARE A MINIMUM 60 FEET WIDE FOR TRUCKS/CONCRETE OR LATER RELOCATED VEHICLES.
 2. THE PAD IS DESIGNED TO HAVE A MINIMUM 8 FEET OF FINISH GRADE OVER THE EXISTING GROUND SURFACE.
 3. FINISH GRADE SHALL BE MAINTAINED AT ALL DIRECTIONS.
 4. A CULVERT SHALL BE PLACED BETWEEN THE NEW DRIVEWAY DIMENSION TO LOT 3A, BLOCK 200 TO TRANSMIT DRAINAGE AND RUNOFF INTO THE NATURAL DRAINAGE PATTERN TO THE SOUTHWEST.

F. R. BELL & ASSOCIATES

PROJECT: GRAVEL PAD DESIGN
DEADHORSE AIRPORT
LEASE LOT 1A OF BLOCK 700

SHEET: C2.0

PROPOSED SITE AND GRADING PLAN

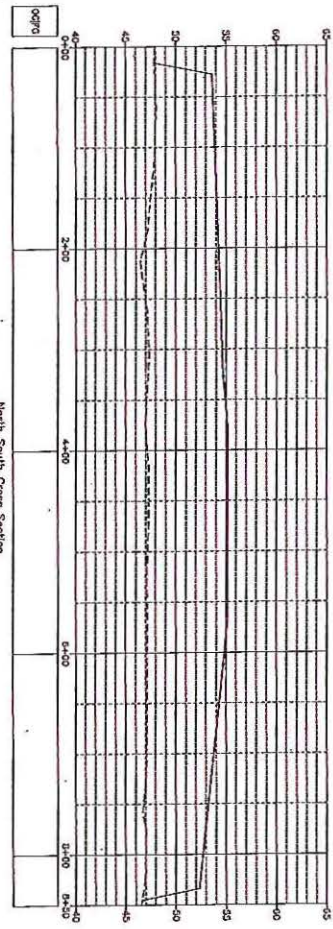
CLIENT: DEADHORSE AIRPORT CENTER LLC
ADDRESS: 2000 E. 83TH AVE, SUITE 200
ANCHORAGE, AK 99507

JOB NUMBER: 2012-2006
SCALE: AS NOTED

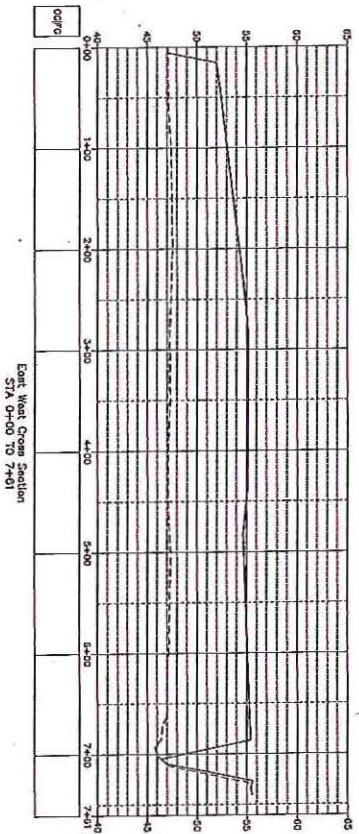
DRAWN BY: OLB
CHECKED BY: EWM
DATE: 10-31-12
FIELD BOOK:

REVISION: _____

DATE: ____/____/____



North South Cross Section
STA 0+00 TO 8+00



East West Cross Section
STA 0+00 TO 7+01

F.R. BELL & ASSOCIATES

3/2011
C3.0

GRAVEL PAD DESIGN
DEADHORSE AIRPORT
LEASE LOT 1A OF BLOCK 700
GRAVEL CROSS SECTIONS

CLIENT: DEADHORSE AIRPORT CENTER LLC
ADDRESS: 2000 E. 68TH AVE, SUITE 200
ANCHORAGE, AK 99507

JOB NUMBER: 2012-2006
SCALE: AS NOTED

DRAWN BY: OLS
CHECKED BY: EMW
DATE: 10-31-12
FIELD BOOK: .

REVISION:	DATE: