

ADDENDUM No. 3 TO THE CONTRACT DOCUMENTS

Project: City of Unalaska Light Cargo Dock Expansion

Addendum Issue Date: June 10, 2016

Issued for Bid Date: May 13, 2016

Bid Due Date: June 15, 2016, 2:00pm (AKST)

Previous Addenda Issued: Addendum #1 & #2

Issued By: Corey Roche
PND Engineers, Inc.
1506 West 36th Avenue
Anchorage, Alaska 99503

Notice to Bidders:

Bidders must acknowledge receipt of this addendum prior to the date set for bid opening by one of the following methods:

- (1) By acknowledging receipt of this addendum on the bid submitted.
- (2) By fax which includes a reference to the project and addendum number.

The bid documents require acknowledgment individually of all addenda to the drawings and/or specifications. This is a mandatory requirement and any bid received without acknowledgment of receipt of addenda may be classified as not being a responsive bid. If, by virtue of this addendum it is desired to modify a bid already submitted, such modification may be made by fax provided such a fax makes reference to this addendum and is received prior to the opening date specified above.

The contract Documents for the above project are amended as follows (all other terms and conditions remain unchanged):

ITEM 1

Contract: *City of Unalaska Light Cargo Dock Expansion*
Section: *Part 5 - Drawings*

Replace sheet 3 with the attached Rev 1 drawing.

ITEM 2

Contract: *City of Unalaska Light Cargo Dock Expansion*
Section: *NA – Responses to Bidder Questions*

Q1: Can you provide more guidance/clarification on the pile driving shutdown requirements and soft start procedures? I am looking for clarification regarding shutdown radii for protected, threatened and endangered species. In reference to the NMFS letter page 6, a map of the exclusion zone extends from the end of the spit toward the airport. Is this exclusion zone meant to cover all marine mammals? On page 7 under 4.4.1 it states if any marine mammal is present "with the zone" pile driving and removal activities will not begin. Also 4.5 states to continuously scan the exclusion zone to ensure marine mammals do not enter it throughout pile driving activities. Is my interpretation correct that any marine mammal (even non ESA-listed) within the 2,000 meter exclusion zone will prevent pile driving?

A1: The following table from the Light Cargo Dock Expansion Project Biological Assessment depicts the required shutdown zones for Stellar’s Eider, short-tailed albatross, and northern sea otters for applicable activities and methods:

Table 7. Proposed shutdown zones.

	Estimated Number, Size And Type	Installation Method (Vibratory Or Impact)	Proposed Shutdown Zone ^a	
			With sound attenuation device	Without sound attenuation device
Proposed Piles To Be Removed	6 (steel)	vibratory	100m	300m
Proposed Round Piles To Be Installed	5 (36” Steel)	impact	500m	2000m
	2 (24” Steel)		300m	500m
Estimated Temporary Round Piles To Be Installed	50 (18” Steel)	vibratory	100m	300m
Proposed Sheet Piles	250 (PS31 or similar)	vibratory	100m	300m
In-water fill placement	-	-	300m	

^aShutdown zones were determined using the FWS draft observer guidelines.

All remaining marine mammals are subject to the “action area and exclusion zone” as shown in the NMFS concurrence letter Figure 3, located in the permit section of the contract documents.

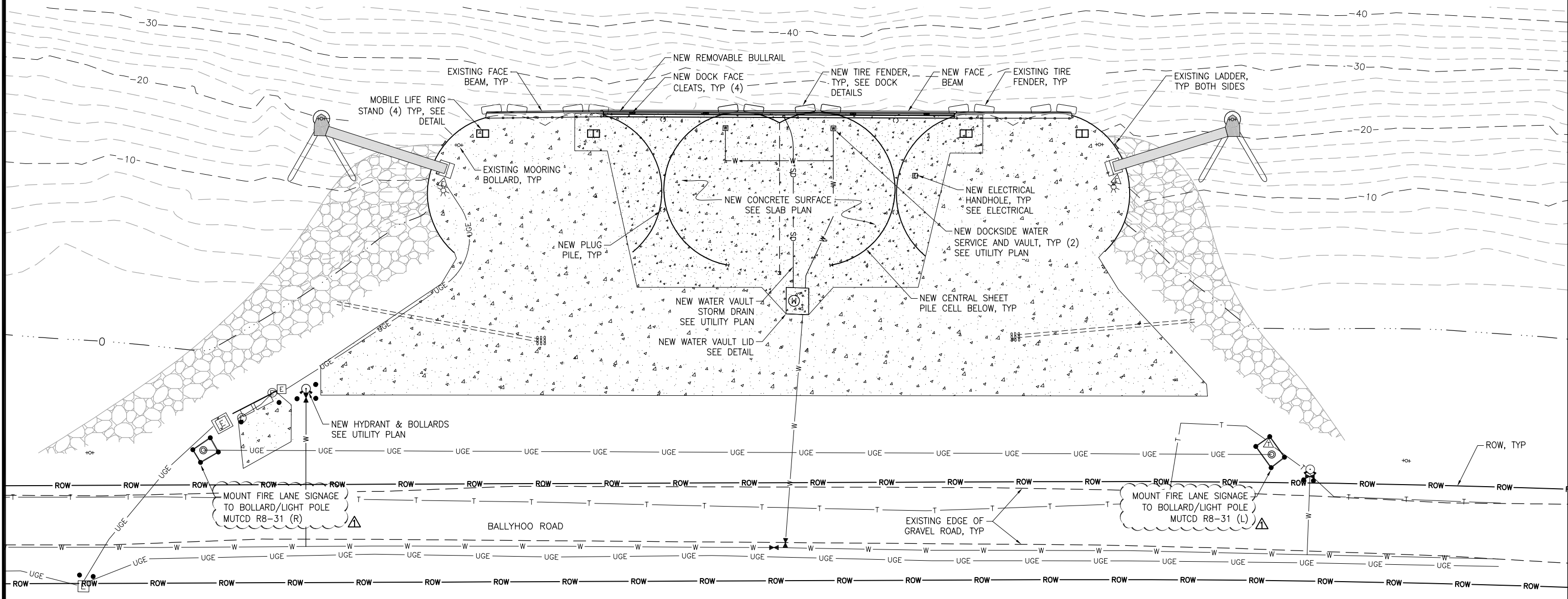
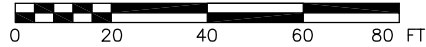
Soft start procedures are outlined in the NMFS concurrence letter under Mitigation Measures, section 5.1 and 5.2, and read as follows:

- 5.1. For impact pile-driving, contractors will be required to provide an initial set of three strikes from the hammer at 40 percent energy, followed by a 30-second waiting period. This procedure shall be repeated two additional times.
- 5.2. For vibratory pile-driving, the hammer will be operated for 15 seconds at reduced power (not to exceed 50 percent of full power), followed by a 1-minute waiting period. This procedure will be repeated two additional times.

END OF ADDENDUM

Attachments (1)

1. Revised Light Cargo Dock Expansion Drawing



PLAN



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ISSUED FOR BID
06/10/2016

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REV	DATE	DESCRIPTION
1	6/16	UPDATES PER ADDENDUM #3

DATE: _____

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PROJECT:		CITY OF UNALASKA LIGHT CARGO DOCK EXPANSION	
TITLE:		SITE PLAN	
DESIGNED BY:	CJR	DATE:	MAY 2016
CHECKED BY:	DST	PROJECT NO.:	151125
			SHEET NO.:
			3 OF 19