



September 24, 2024

Chenega Ferry Terminal Improvements  
Federal Project # 0003290  
State Project # SFHWY00461

Cordova Ferry Terminal Improvements  
Federal Project # 0851073  
State Project # SFHWY00465

Tatitlek Ferry Terminal Improvements  
Federal Project # 0003289  
State Project # SFHWY00460

### **Request for Comments**

Dear Agency Representative:

The Maritime Administration (MARAD), in coordination with the Alaska Department of Transportation and Public Facilities (DOT&PF) and the Prince William Sound Economic Development District (PWSEDD), is proposing to improve three ferry terminals in Prince William Sound in order to accommodate Alaska Class Ferry (ACF) vessels: Chenega Ferry Terminal Improvements, Cordova Ferry Terminal Improvements, and Tatitlek Ferry Terminal Improvements (the projects). The purpose of this letter is to provide you with a description of the projects and request comments regarding potential impacts to resources under your agency's jurisdiction.

The projects are in the following locations:

#### *Chenega Ferry Terminal*

Township (T) 1 S, Range (R) 8 W, Section (S) 25, Seward Meridian and in the United States Geological Survey Quadrangle Seward A-3 SW, AK. Enclosed are key, regional, and vicinity maps (Attachment A, Sheet 1) and site plans (Attachment A, Sheets 2-7).

#### *Cordova Ferry Terminal*

Township (T) 15 S, Range (R) 3 E, Section (S) 3, Copper River Meridian and in the United States Geological

*"Keep Alaska Moving through service and infrastructure."*

*The environmental review, consultation, and other actions required by applicable Federal environmental laws for this project are being, or have been, carried out by DOT&PF pursuant to 23 U.S.C. 327 and a Memorandum of Understanding dated April 13, 2023 and executed by FHWA and DOT&PF*

Survey Quadrangle Cordova C-5 SW, AK. Enclosed are key, regional, and vicinity maps (Attachment 2, Sheet 1) and site plans (Attachment 2, Sheets 2-8).

### *Tatitlek Ferry Terminal*

Township (T) 12 S, Range (R) 8 E, Section (S) 5, Copper River Meridian and in the United States Geological Survey Quadrangle Cordova D-8 SE, AK. Enclosed are key, regional, and vicinity maps (Attachment 3, Sheet 1) and site plans (Sheets 2-7).

## **Purpose & Need**

This projects would make improvements to the Chenega, Cordova, and Tatitlek ferry terminals to accommodate the new Alaska Class Ferry (ACF) berthing and home port needs to support continued reliable Alaska Marine Highway ferry service into the future.

The existing Chenega and Tatitlek ferry terminal facilities are fixed platform docks that will only accommodate vessels with attached vehicle ramps (M/V Aurora), which are aging out of service. The ACF will require a vehicle transfer system to be installed at the facility in order to operate at this port.

The existing Cordova ferry terminal facility includes a side berth and stern berth for AMHS ferry vessels. The terminal requires modification to the mooring dolphins to better accommodate the newly built ACF vessel's (M/V Hubbard) mooring line system.

## **Project Description**

### *Chenega Ferry Terminal*

The proposed projects consist of the following:

- Modify existing fendering system on existing dock face.
- Installation of a vehicular approach, transfer bridge, ramp, and apron.
- Installation of a bridge support float.
- Installation of float restraint structures.
- Installation of mooring structures.
- Lighting and power upgrades.

### *Cordova Ferry Terminal:*

The proposed project consists of the following:

- Removal of floating fender dolphins.
- Installation of mooring structures and catwalks.
- Lighting and power upgrades.
- Regrading portion of uplands parking/staging area.
- Dredging.
- Modifications to the pedestrian walkways and elevated steel platforms.
- Modifications to the sewage holding tank.
- Electrical power updates (as applicable).
- Modifications to the uplands grading to prevent stormwater runoff.
- Replacement of the potable water line to the stern berth.

## Tatitlek Ferry Terminal

The proposed projects consist of the following:

- Modify existing fendering system on existing dock face.
- Removal of existing tidal ramps and associated dolphin and catwalk.
- Installation of a vehicular transfer bridge, ramp, and apron to replace existing tidal ramps.
- Installation of lift towers to support the float.
- Installation of mooring structures.
- Lighting and power upgrades.

The project is anticipated to occur as early as spring 2027. There may be schedule changes to the Alaska Marine Highway System (AMHS) ferry service during construction.

### **Identified Resources**

DOT&PF has identified a number of resources within each project area, including marine mammals protected under the Marine Mammal Protection Act (MMPA) and endangered species protected under the Endangered Species Act (ESA). DOT&PF will submit requests for an Incidental Harassment Authorizations (IHAs) as well as a request for initiation under Section 7 of the ESA. DOT&PF will also conference on Sunflower Sea Stars, a candidate species under the ESA.

There are two known **eagle nests** located within 0.5 mile of the management buffers of proposed projects features of the Cordova and Tatitlek ferry terminals based on publicly available data on bald eagle nest locations:

Project Site	Nest ID	Survey Year	Latitude (NAD83)	Longitude (NAD83)	Nest Substrate
Cordova	02.09635.006	1990	60.565027	-145.74244	Hemlock
Tatitlek	02.09648.084	2005	60.863063	-146.66389	Unknown

One nest is located near the shoreline of Orca Inlet northeast of the existing Cordova Ferry Terminal. While this nest is located within 0.5 mile of the project area, the loudest sources of noise would take place on the southwest side of the ferry terminal and likely outside of the management buffer. The nest near the Tatitlek Ferry Terminal is located to the northeast near the center of a densely forested area. Trees between the nest and the proposed activities could act as an effective landscape buffer to attenuate construction noise. The database does not show any eagle nests within 0.5 miles of the Chenega project area. DOT&PF would determine whether an eagle permit would be necessary for the projects.

The project sites are located near the following **anadromous fish streams**:

Stream Name	Anadromous Waters Catalog Number	Location Relative to Project Area	Species Present*
O'Brien Creek	226-40-1665	~3,300' from Chenega Ferry Terminal	CHp, Ps
Anderson Creek	226-40-16670	~1,500' from Chenega Ferry Terminal	CO <sub>r</sub> , Ps, Sp
Ocean Dock Creek	221-10-10040	~2,300' from Cordova Ferry Terminal	Pp
Nunu Creek	221-40-11020	~6,000' from Tatitlek Ferry Terminal	Ps

\* CO = coho; P = pink salmon; CH = chum; S = Sockeye; p = present; r = rearing; s = spawning

The projects are located within marine waters designated **Essential Fish Habitat** (EFH) under the Magnuson-Stevens Fishery Conservation and Management Act and an EFH Assessment will be completed.

Installation of marine structures would result in work within **waters of the US**. The project would require authorization from the U.S. Army Corps of Engineers (USACE) for each ferry terminal location.

These ferry terminal improvements would be constructed within existing DOT&PF rights-of-way. Best Management Practices would be used during construction to avoid and minimize construction-related impacts.

### **Agency Comment Request**

We request your comments about the proposed action, particularly in regard to resources under your jurisdiction. DOT&PF must also determine to what extent this project would impact **cultural or historic properties**. If you have information that would assist in these determinations, please provide it. To comply with certain interagency agreements, we also request the views of applicable agencies on potential effects to **bald eagles** and **threatened and endangered species**.

The PWS Ferry Terminal EA's public scoping period will be **September 25 through October 25, 2024**. DOT&PF will host an online agency scoping meeting from 10:00 – 12:00 p.m. on Thursday, October 10, 2024, and the Project Team will send a Teams meeting invitation to you shortly. One-on-one meetings with DOT&PF are also available upon request.

Please submit your formal written comments to [comments@PWSferryterminals.com](mailto:comments@PWSferryterminals.com) by COB on **October 25, 2024**.

Thank you for your consideration of this request for comments. If you need any further information, please contact me by phone at 465-4524 or via e-mail.

Sincerely,



Christy Gentemann  
Regional Environmental Manager (Design)

Enclosures:

Attachment A – Chenega Ferry Terminal Figures  
Attachment B – Cordova Ferry Terminal Figures  
Attachment C – Tatitlek Ferry Terminal Figures

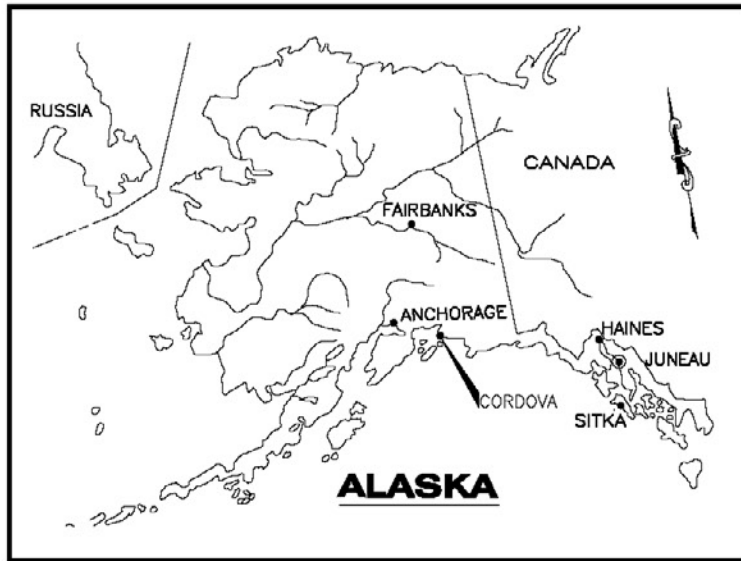
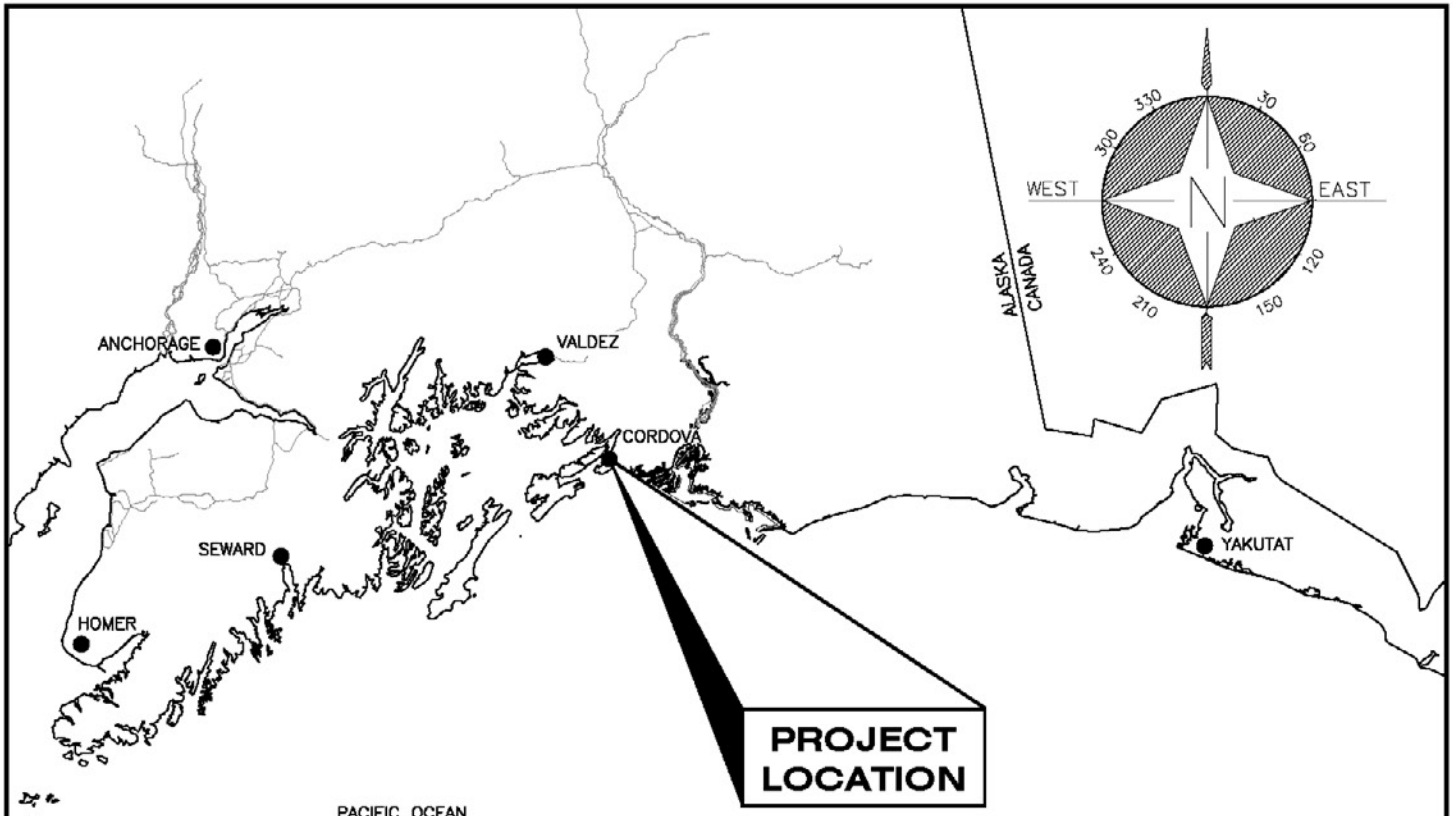
Distribution List:

Matt LaCroix, Alaska Region 10, EPA  
Shane McCoy, U.S. Army Corps of Engineers  
Douglass Cooper, U.S. Fish and Wildlife Service  
Ron Benkert, ADF&G Habitat Division  
Joni Sweetman, DNR, Division of Mining, Land & Water  
Hans Rinke, DNR, Kenai Region Office, Alaska State Parks  
John Kurland, Habitat Conservation Division, National Marine Fisheries Service  
Protected Resources Division, National Marine Fisheries Service  
Willow Weimer, Division of Water, DEC, Anchorage  
Adeyemi Alimi, Division of Air Quality, DEC  
Rueben Glaves, U.S. Forest Service, Tongass National Forest  
Dusty Escamilla, U.S. Forest Service, Tongass National Forest  
Carol Seitz Warmuth, U.S. Forest Service, Tongass National Forest  
Aimee Devaris, U.S. Geological Survey, Alaska Region, Regional Director  
Lt. Abigail Ferrara, U.S. Coast Guard, Sector Western Alaska – US Arctic: Marine Safety Unit  
Valdez  
Garrett Brooks, Alaska Division of Homeland Security & Emergency Management, State Hazard  
Mitigation Officer  
Ted Wright, Native Village of Eyak, Tribal Administrator  
John Whissel, Native Village of Eyak, Environmental Programs Director  
Ivy Patton, Native Village of Eyak, Brownfield and Spill Response Coordinator  
Thomas Mack, Eyak Corporation, CEO  
Brennan Cain, Eyak Corporation, Vice President and General Counsel  
Larry Evanoff, Chenega IRA Council, CEO  
Chuck Totemoff, Chenega Corporation, CEO  
Adam Turner, Chenega Corporation, Operations Coordinator  
Doug Lipinski, Chenega Corporation  
Megan Green, Chenega Village, Tribal Administrator  
Roy Totemoff, Tatitlek Corporation, CEO  
Angela Totemoff, Tatitlek Corporation  
Patrick Callahan, Tatitlek Corporation, Deputy Legal Counsel  
Nanci Robart, Tatitlek IRA Council, Council Chair  
Jackie Wilde, Acting City Manager, City of Whittier  
David Allison, Mayor, City of Cordova

Cc:

Ben Storey, DOT&PF Southcoast Regional Environmental Manager (PD&E)  
Nate Geary, P.E., DOT&PF Project Manager  
Kristin Carpenter, PWSEDD Executive Director  
Erin Kendle, MARAD, Environmental Protection Specialist  
Bryan Herdliska, MARAD, Senior Grants Management Specialist

## **Attachment A – Cordova Ferry Terminal Improvements**



TIDAL DATA	
HTL	16.8'
MHW	11.5'
MLLW	0.0'
ELW	-4.0'

**ADJACENT PROPERTY OWNERS:**  
 CITY OF CORDOVA - ATS 220  
 ORCA OIL - LEASEE  
 CANNERY ROW INC. - ATS 220 LOT T1-C & LOT T1-E

DNR/DMLW, SC REGION  
 550 W 7TH AVE, SUITE 900C  
 ANCHORAGE, AK 99501

**WATER BODIES:**  
 ORCA INLET, AK

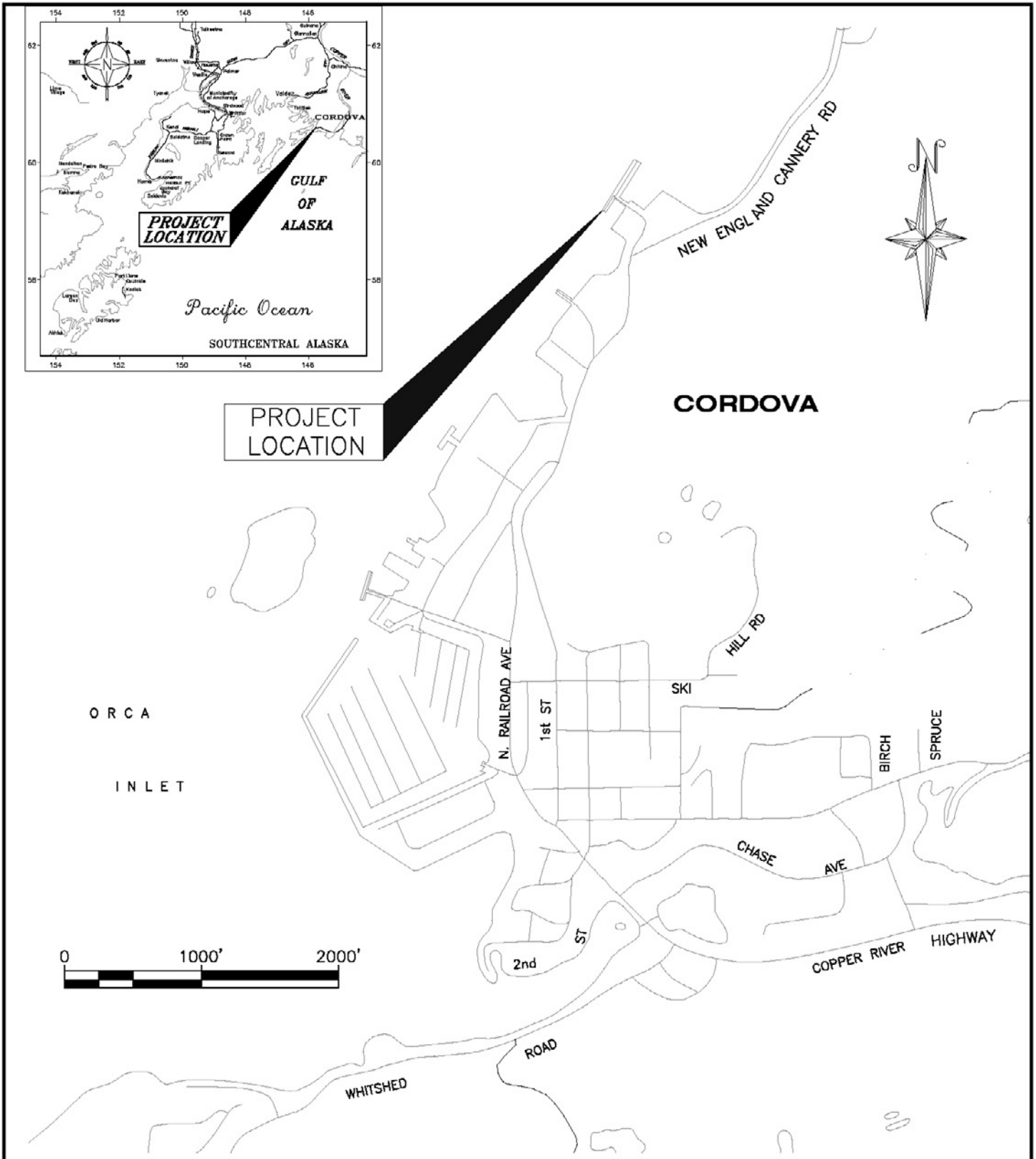
**KEY & REGIONAL MAP**

APPLICATION BY:  
 ALASKA STATE DEPT. OF TRANSPORTATION  
 AND PUBLIC FACILITIES  
 DESIGN & ENGINEERING SERVICES DIVISION  
 SOUTHCOAST REGION

**CORDOVA FERRY TERMINAL  
 IMPROVEMENTS**  
 PROJECT NO. SFHWY00465

AI: CORDOVA, AK  
 IN: TOWNSHIP 15 SOUTH, RANGE 3 EAST,  
 SECTION 3, CRM  
 60° 33' 26.13" N, 145° 45' 14.36" W

DATE: APRIL 2024      SHEET 1 OF 8



**ADJACENT PROPERTY OWNERS:**  
 CITY OF CORDOVA - ATS 220  
 ORCA OIL - LEASEE  
 CANNERY ROW INC. - ATS 220 LOT T1-C & LOT T1-E

DNR/DMLW, SC REGION  
 550 W 7TH AVE, SUITE 900C  
 ANCHORAGE, AK 99501

**WATER BODIES:**  
 ORCA INLET, AK

**VICINITY MAP**

**APPLICATION BY:**  
 ALASKA STATE DEPT. OF TRANSPORTATION  
 AND PUBLIC FACILITIES  
 DESIGN & ENGINEERING SERVICES DIVISION  
 SOUTHCOAST REGION

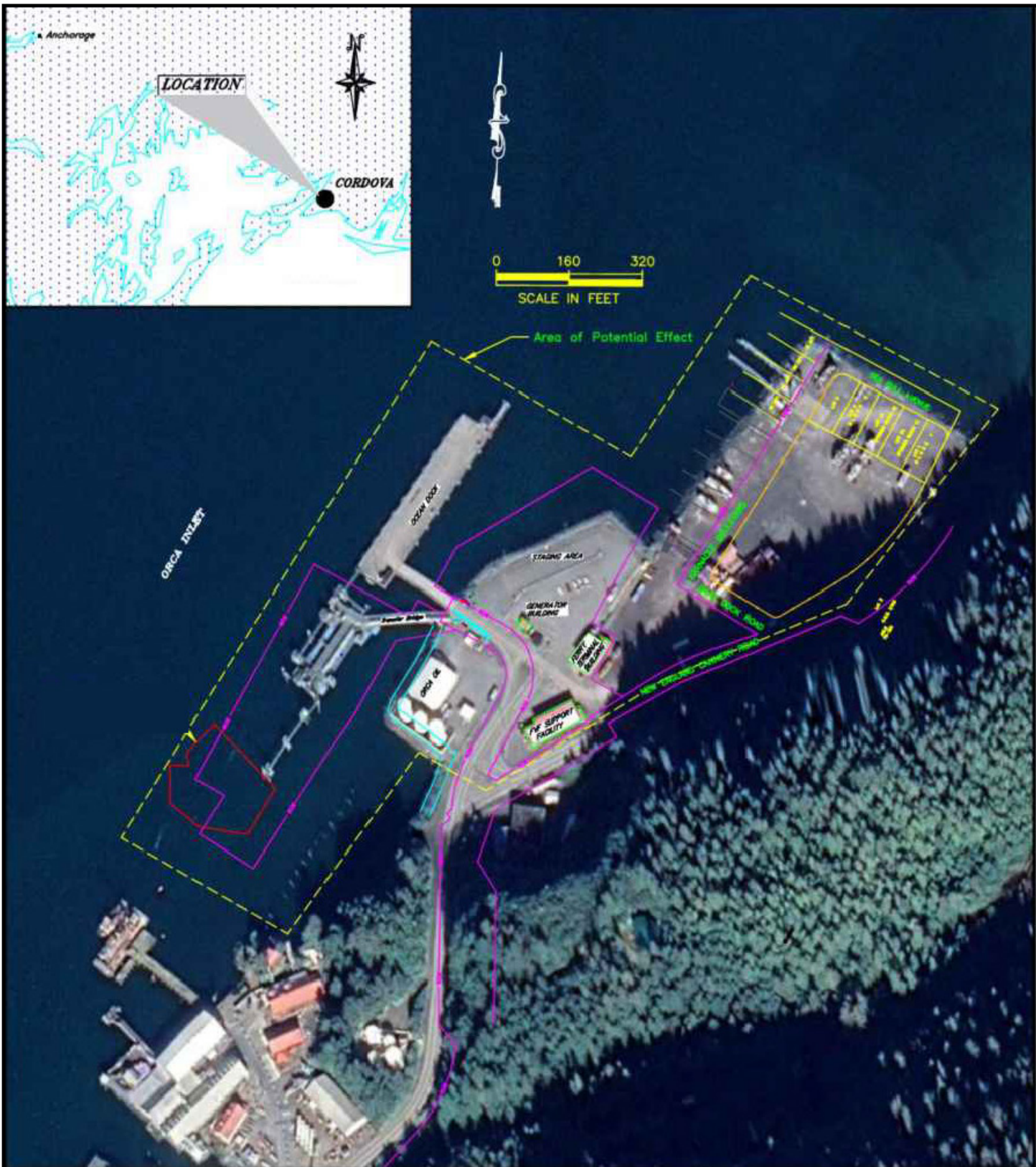
**CORDOVA FERRY TERMINAL  
 IMPROVEMENTS**

**PROJECT NO. SFHWY00465**

AI: CORDOVA, AK  
 IN: TOWNSHIP 15 SOUTH, RANGE 3 EAST,  
 SECTION 3, CRM  
 60° 33' 26.13" N, 145° 45' 14.36" W

DATE: APRIL 2024      SHEET 2 OF 8





**ADJACENT PROPERTY OWNERS:**  
 CITY OF CORDOVA - ATS 22D  
 ORCA OIL - LEASEE  
 CANNERY ROW INC. - ATS 22D LOT T1-C & LOT T1-E

DNR/DMLW, SG REGION  
 550 W 7TH AVE, SUITE 800C  
 ANCHORAGE, AK 99501

**WATER BODIES:**  
 ORCA INLET, AK

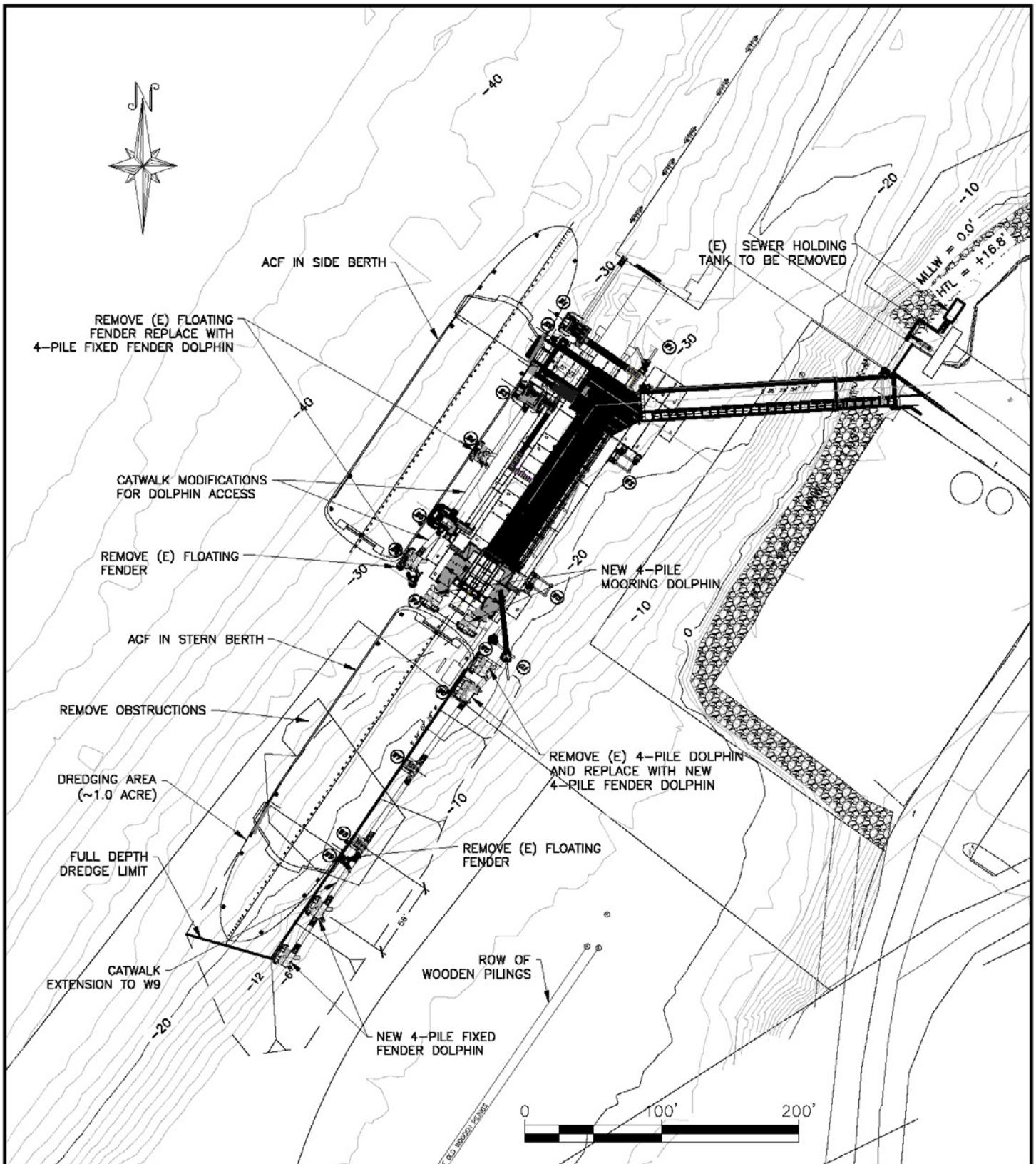
**AREA OF  
 POTENTIAL EFFECT**

**APPLICATION BY:**  
 ALASKA STATE DEPT. OF TRANSPORTATION  
 AND PUBLIC FACILITIES  
 DESIGN & ENGINEERING SERVICES DIVISION  
 SOUTHCOAST REGION

**CORDOVA FERRY TERMINAL  
 IMPROVEMENTS**  
 PROJECT NO. SFHWY00465

AI: CORDOVA, AK  
 II: TOWNSHIP 15 SOUTH, RANGE 3 EAST,  
 SECTION 3, CRM  
 60° 33' 26.13" N, 145° 45' 14.36" W

DATE: APRIL 2024 SHEET **3** OF **8**



**ADJACENT PROPERTY OWNERS:**  
 CITY OF CORDOVA - ATS 220  
 ORCA OIL - LEASEE  
 CANNERY ROW INC. - ATS 220 LOT T1-C & LOT T1-E

DNR/DMLW, SC REGION  
 550 W 7TH AVE, SUITE 900C  
 ANCHORAGE, AK 99501

**WATER BODIES:**  
 ORCA INLET, AK

**SITE PLAN**

APPLICATION BY:  
 ALASKA STATE DEPT. OF TRANSPORTATION  
 AND PUBLIC FACILITIES  
 DESIGN & ENGINEERING SERVICES DIVISION  
 SOUTHCOAST REGION

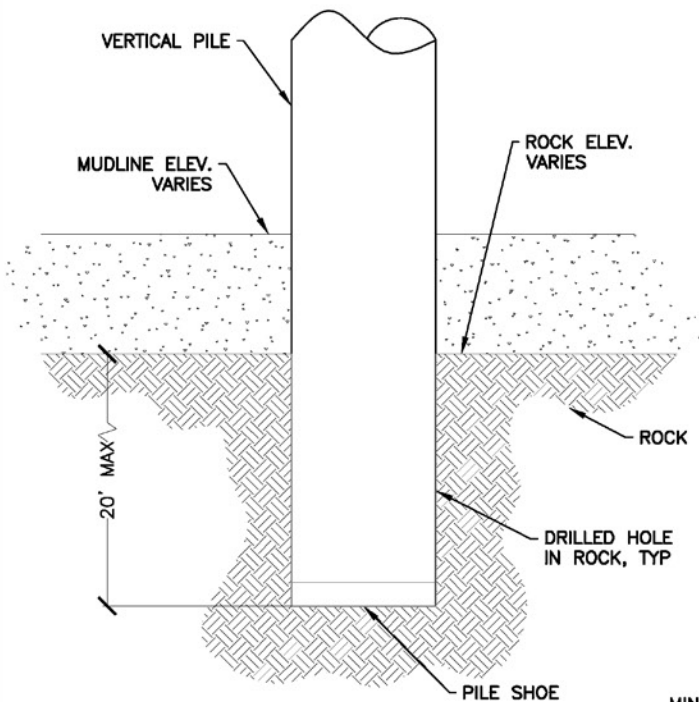
**CORDOVA FERRY TERMINAL  
 IMPROVEMENTS**  
 PROJECT NO. SFHWY00465

AI: CORDOVA, AK  
 IN: TOWNSHIP 15 SOUTH, RANGE 3 EAST,  
 SECTION 3, CRM  
 60° 33' 26.13" N, 145° 45' 14.36" W

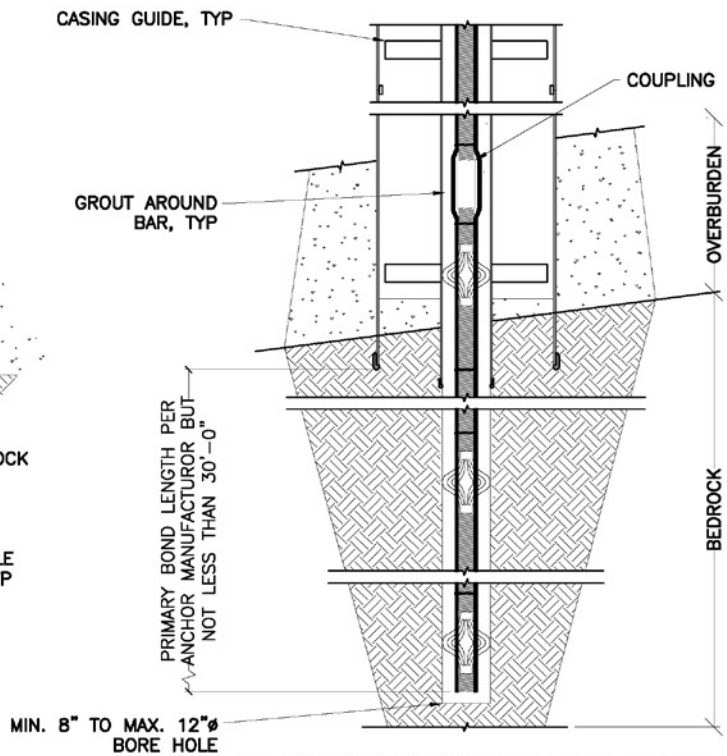
DATE: APRIL 2024      SHEET **4** OF **8**

PILE INFORMATION				
STRUCTURES	PILE DIAMETER	QTY	# ROCK SOCKETS	# TENSION ANCHORS
MOORING DOLPHINS (5 EA.)	30"	10 VERT. 10 BATTER	-	-
TEMPORARY PILES	24"	20	-	-
TOTAL		40		

PILE DEMOLITION		
STRUCTURE REMOVAL	PILE DIAMETER	QTY
FLOATING FENDER DOLPHIN (3 EA.)	30" VERT. 18" BATTER	9
4-PILE DOLPHIN (1 EA.)	18" VERT. 18" BATTER	4
TOTAL		13



**ROCK SOCKET, TYP**



**TENSION ANCHOR, TYP**

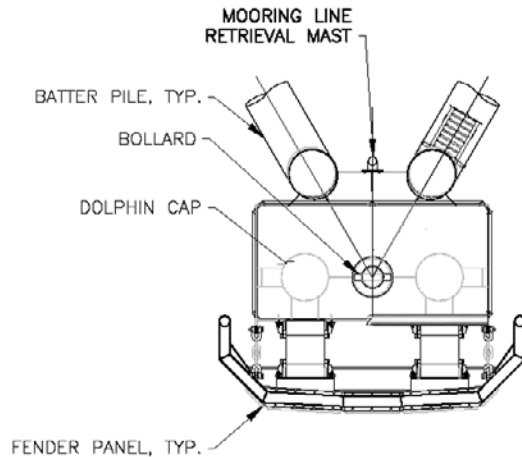
ADJACENT PROPERTY OWNERS:  
 CITY OF CORDOVA - ATS 220  
 ORCA OIL - LEASEE  
 CANNERY ROW INC. - ATS 220 LOT T1-C & LOT T1-E  
 DNR/DMLW, SC REGION  
 550 W 7TH AVE, SUITE 900C  
 ANCHORAGE, AK 99501  
 WATER BODIES:  
 ORCA INLET, AK

**PILE DETAILS**

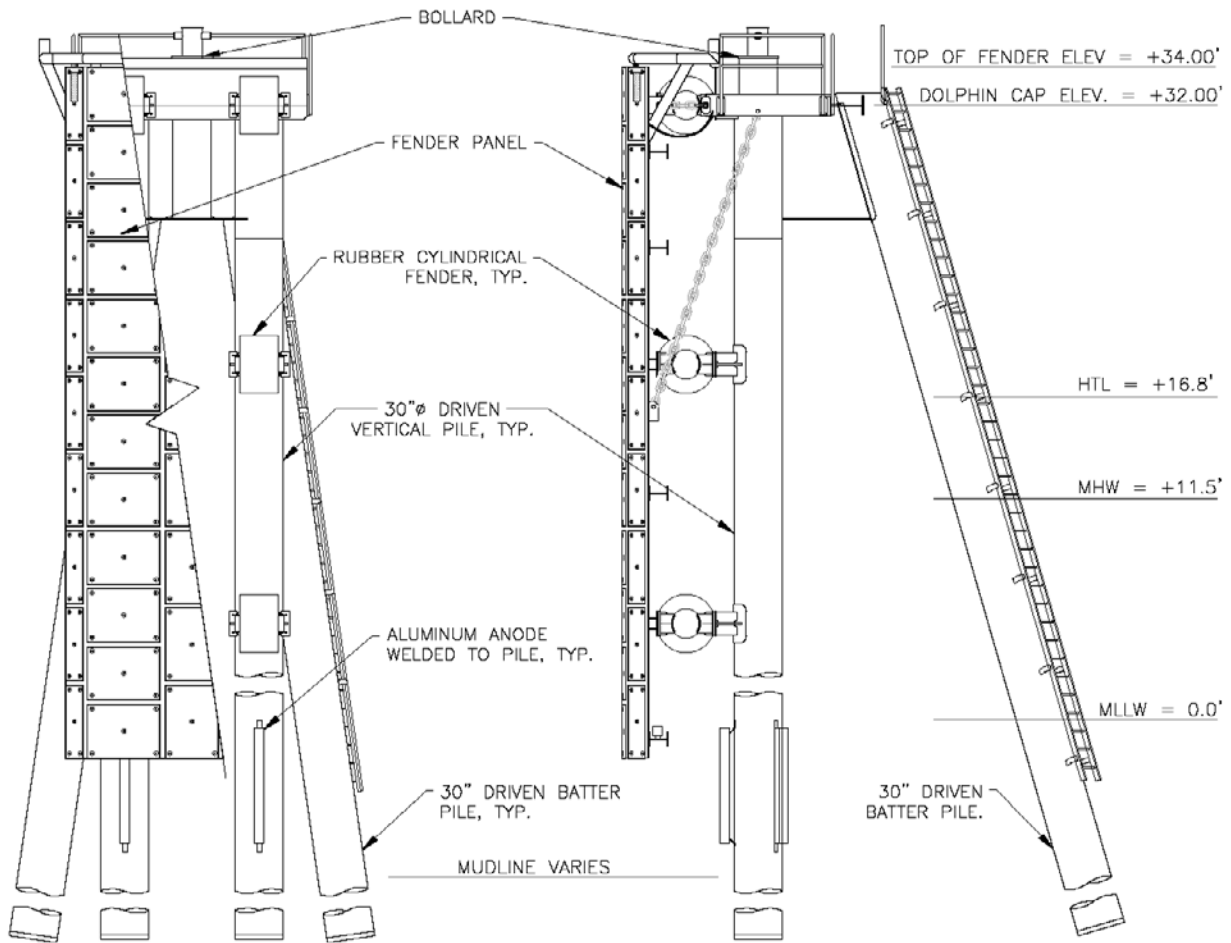
APPLICATION BY:  
 ALASKA STATE DEPT. OF TRANSPORTATION  
 AND PUBLIC FACILITIES  
 DESIGN & ENGINEERING SERVICES DIVISION  
 SOUTHCOAST REGION

**CORDOVA FERRY TERMINAL  
 IMPROVEMENTS  
 PROJECT NO. SFHWY00465**

AT: CORDOVA, AK  
 IN: TOWNSHIP 15 SOUTH, RANGE 3 EAST,  
 SECTION 3, CRW  
 60° 33' 26.13" N, 145° 45' 14.36" W  
 DATE: APRIL 2024



**PLAN**



**4-PILE DOLPHIN  
FRONT ELEVATION**

**4-PILE DOLPHIN  
SIDE ELEVATION**

ADJACENT PROPERTY OWNERS:

CITY OF CORDOVA - ATS 220  
ORCA OIL - LEASEE  
CANNERY ROW INC. - ATS 220 LOT T1-C & LOT T1-E

DNR/DMLW, SC REGION  
550 W 7TH AVE, SUITE 900C  
ANCHORAGE, AK 99501

WATER BODIES:  
ORCA INLET, AK

**NEW BERTHING  
DOLPHINS**

APPLICATION BY:

ALASKA STATE DEPT. OF TRANSPORTATION  
AND PUBLIC FACILITIES  
DESIGN & ENGINEERING SERVICES DIVISION  
SOUTHCOAST REGION

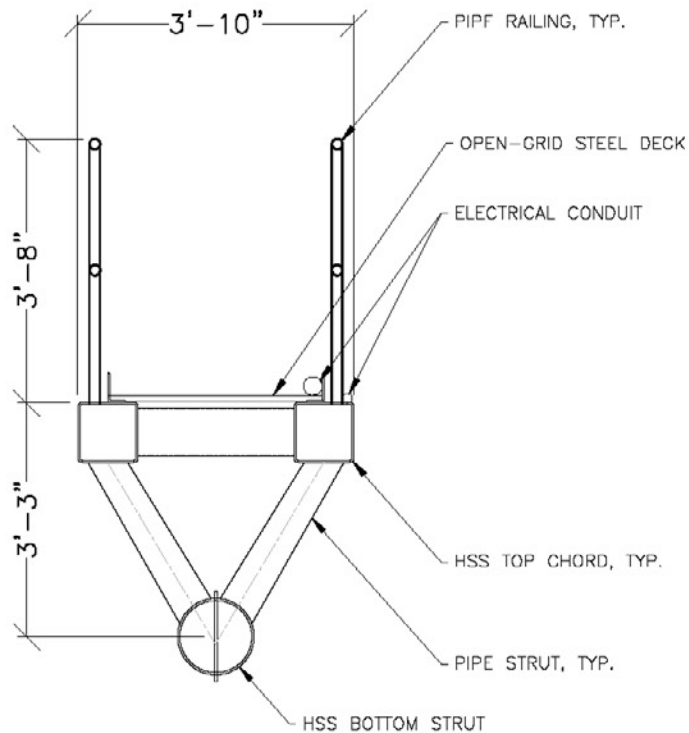
**CORDOVA FERRY TERMINAL  
IMPROVEMENTS**

PROJECT NO. SFHWY00465

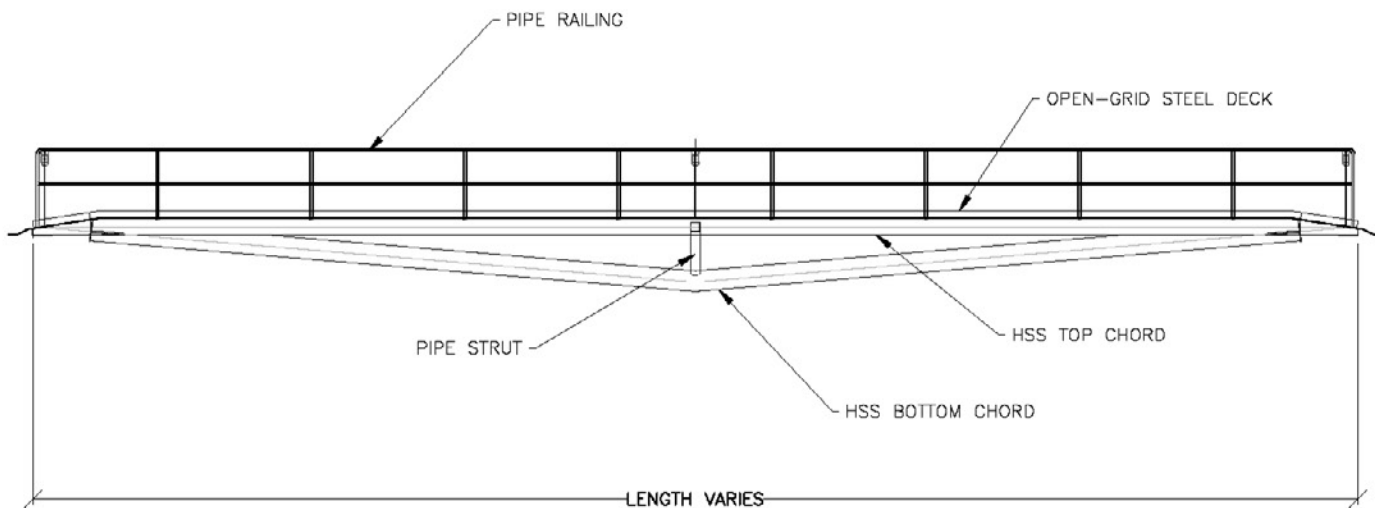
AI: CORDOVA, AK  
II: TOWNSHIP 15 SOUTH, RANGE 3 EAST,  
SECTION 3, CRM  
60° 33' 26.13" N, 145° 45' 14.36" W

DATE: APRIL 2024

SHEET 6 OF 8



**TYP SECTION**



**ELEVATION**

**ADJACENT PROPERTY OWNERS:**  
 CITY OF CORDOVA - ATS 220  
 ORCA OIL - LEASEE  
 CANNERY ROW INC. - ATS 220 LOT T1-C & LOT T1-E  
  
 DNR/DMLW, SC REGION  
 550 W 7TH AVE, SUITE 900C  
 ANCHORAGE, AK 99501  
 WATER BODIES:  
 ORCA INLET, AK

**CATWALK**

**APPLICATION BY:**  
 ALASKA STATE DEPT. OF TRANSPORTATION  
 AND PUBLIC FACILITIES  
 DESIGN & ENGINEERING SERVICES DIVISION  
 SOUTHCOAST REGION

**CORDOVA FERRY TERMINAL  
 IMPROVEMENTS**

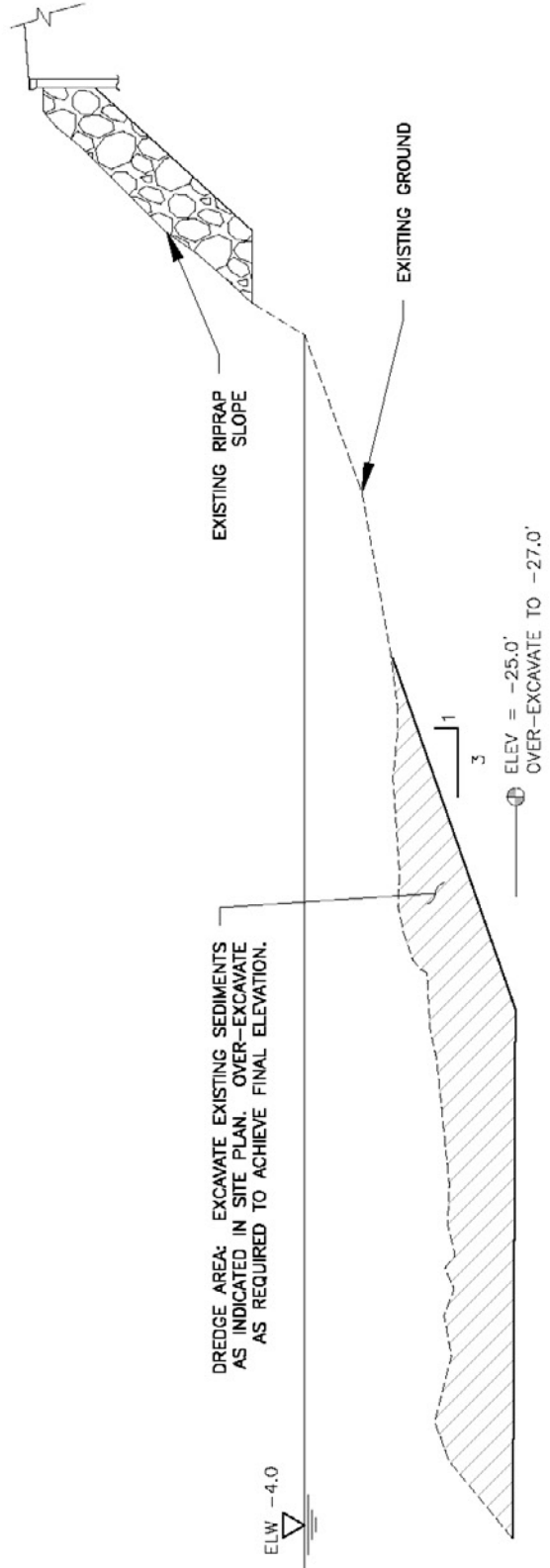
PROJECT NO. SFHWY00465

AI: CORDOVA, AK  
 IN: TOWNSHIP 15 SOUTH, RANGE 3 EAST,  
 SECTION 3, CRM  
 60° 33' 26.13" N, 145° 45' 14.36" W

DATE: APRIL 2024

SHEET **7** OF **8**

QUANTITY TABLE		
CUT	VOLUME (C.Y.)	AREA (ACRE)
DREDGE	7,900	1.0



**ADJACENT PROPERTY OWNERS:**  
 CITY OF CORDOVA - ATS 220  
 ORCA OIL - LEASEE  
 CANNERY ROW INC. - ATS 220 LOT T1-C & LOT T1-E

DNR/DMLW, SC REGION  
 550 W 7TH AVE, SUITE 900C  
 ANCHORAGE, AK 99501

**WATER BODIES:**  
 ORCA INLET, AK

**DREDGING  
 CROSS-SECTION**

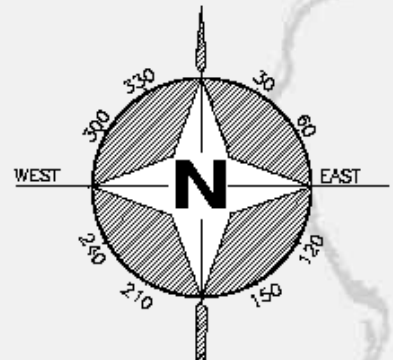
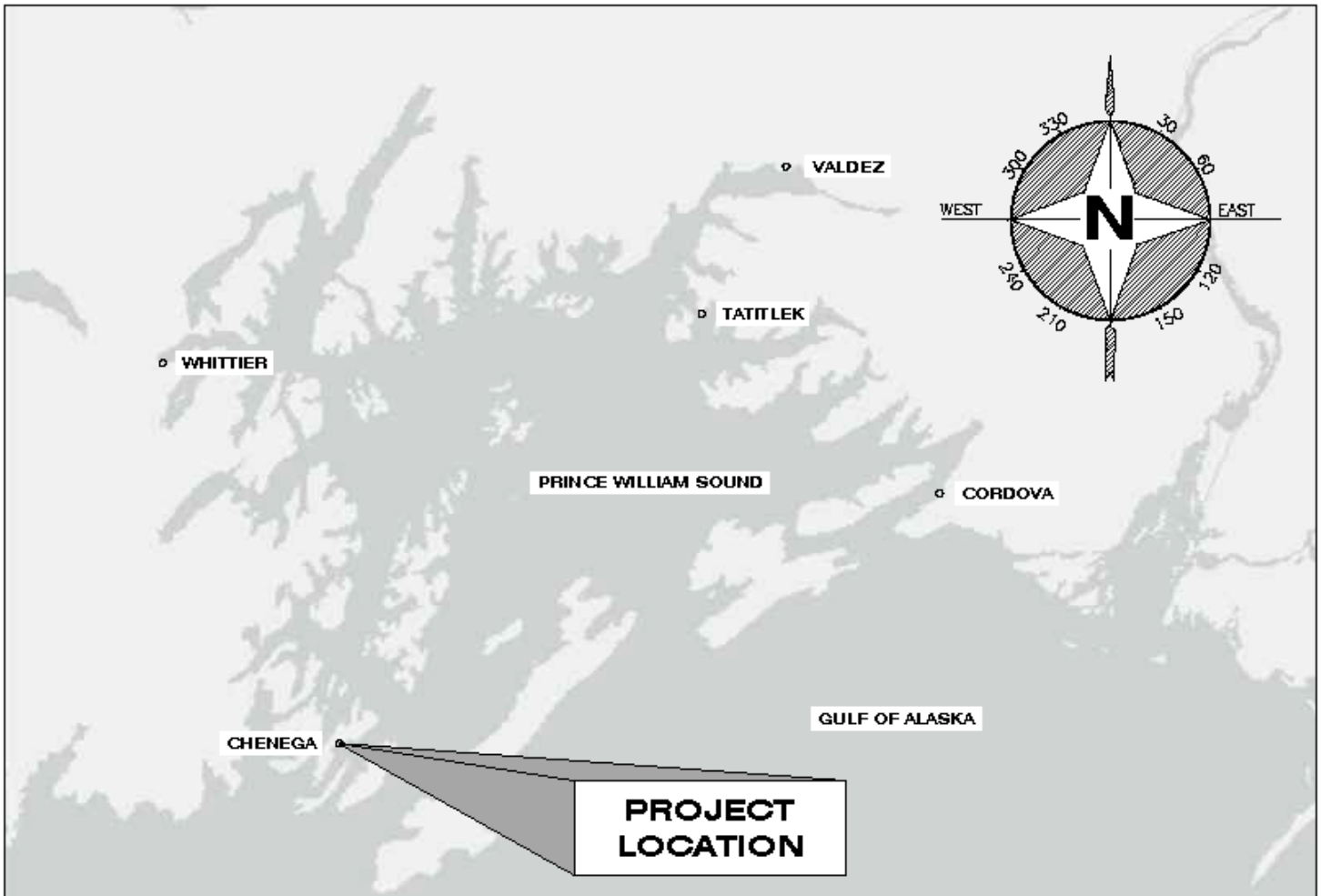
APPLICATION BY:  
 ALASKA STATE DEPT. OF TRANSPORTATION  
 AND PUBLIC FACILITIES  
 DESIGN & ENGINEERING SERVICES DIVISION  
 SOUTHCOAST REGION

**CORDOVA FERRY TERMINAL  
 IMPROVEMENTS**  
 PROJECT NO. SFHWY00465

AI: CORDOVA, AK  
 IN: TOWNSHIP 15 SOUTH, RANGE 3 EAST,  
 SECTION 3, CRM  
 60° 33' 26.13" N, 145° 45' 14.36" W

DATE: APRIL 2024      SHEET 8 OF 8

## **Attachment B – Chenega Ferry Terminal Improvement Figures**



**REGIONAL MAP**



**TIDAL DATA**

HTL	16.2 EST.
MHW	10.3
MSL	6.3
MLLW	0.0
ELW	-4.0 EST.

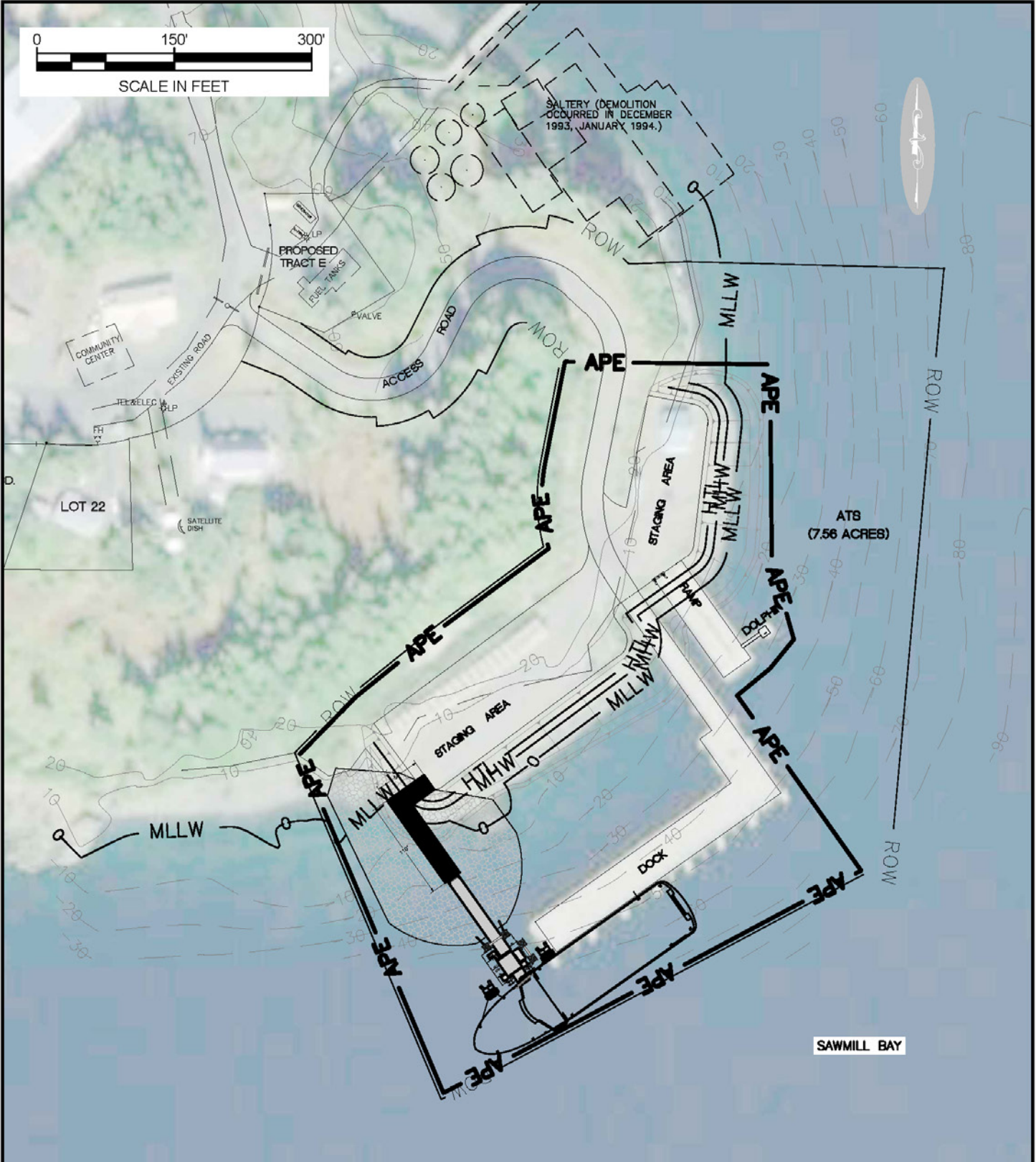
**ADJACENT PROPERTY OWNERS:**  
 CHENEGA IRA COUNCIL  
 P.O. BOX 8079  
 CHENEGA BAY, AK 99574  
 DNR/DMLW, SC REGION  
 550 W. 7TH AVE., SUITE 900C  
 ANCHORAGE, AK 99501  
**WATER BODIES:**  
 CRAB BAY, SAWMILL BAY, PRINCE WILLIAM SOUND

NORTH PACIFIC RIM  
 HOUSING AUTHORITY  
 8300 KING STREET  
 ANCHORAGE, AK 99518

**KEY & REGIONAL MAPS**  
APPLICATION BY:  
 ALASKA STATE DEPT. OF TRANSPORTATION  
 AND PUBLIC FACILITIES  
 DESIGN & ENGINEERING SERVICES DIVISION  
 SOUTHEAST REGION

CHENEGA FERRY TERMINAL  
 IMPROVEMENTS  
 PROJECT NO. SFHWY00461/0003290  
 AT: CHENEGA, ALASKA  
 LOCATED IN: TOWNSHIP 1 SOUTH,  
 RANGE 8 EAST, SECTION 25, SEWARD MERIDIAN  
 LAT: 60° 3'47.5" N LONG: 148° 0'33.6" W  
 DATE: June 24 SHEET 01 of 07





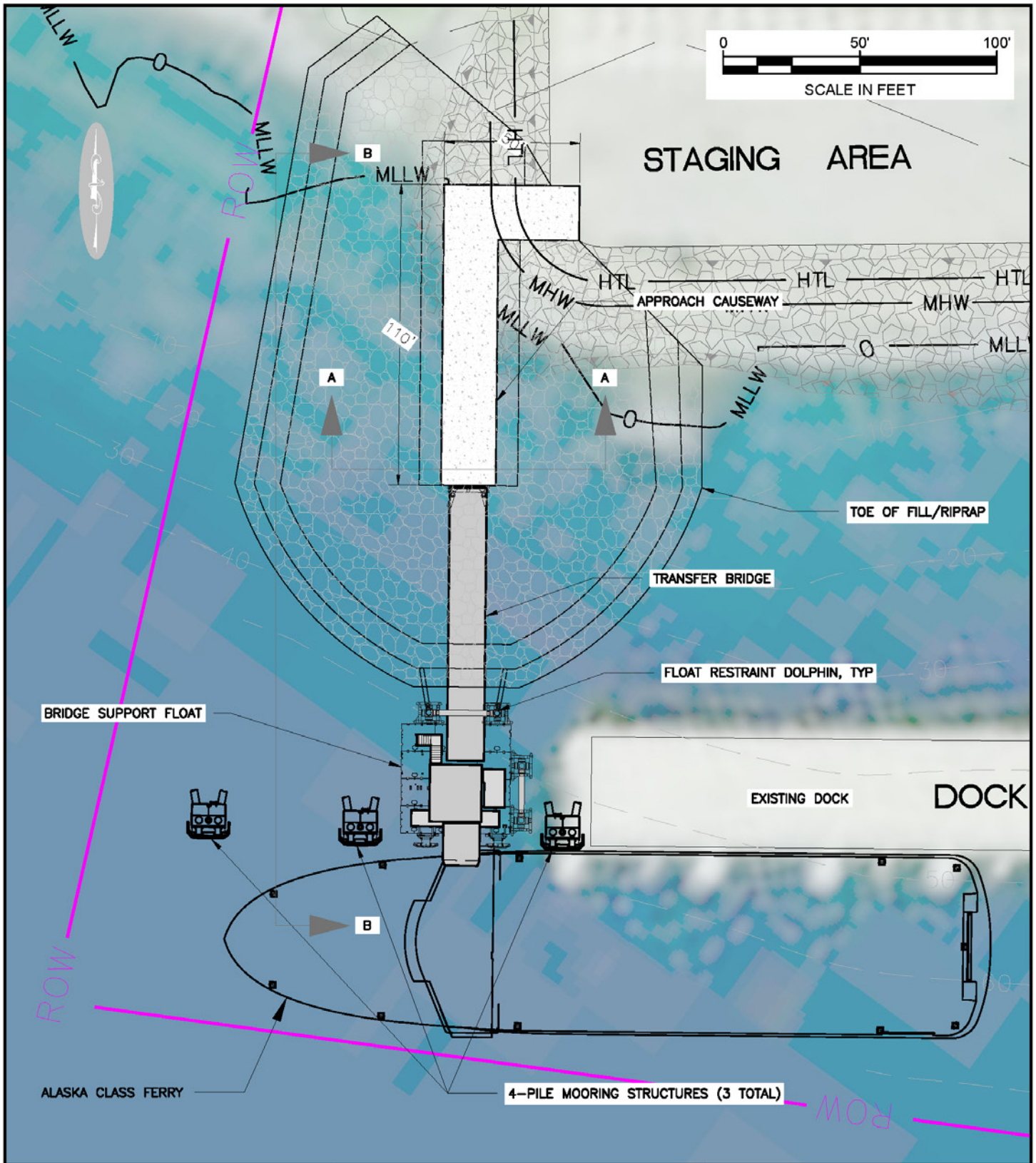
**ADJACENT PROPERTY OWNERS:**  
 CHENEGE IRA COUNCIL  
 P.O. BOX 8079  
 CHENEGE BAY, AK 99574  
 DNR/DMLW, SC REGION  
 550 W. 7TH AVE., SUITE 900C  
 ANCHORAGE, AK 99501  
**WATER BODIES:**  
 CRAB BAY, SAWMILL BAY, PRINCE WILLIAM SOUND

NORTH PACIFIC RIM HOUSING AUTHORITY  
 8300 KING STREET  
 ANCHORAGE, AK 99518

**VICINITY MAP AND AREA OF POTENTIAL EFFECT**

APPLICATION BY:  
 ALASKA STATE DEPT. OF TRANSPORTATION AND PUBLIC FACILITIES  
 DESIGN & ENGINEERING SERVICES DIVISION  
 SOUTHCOAST REGION

CHENEGE FERRY TERMINAL IMPROVEMENTS  
 PROJECT NO. SFHWY00461/0003290  
 AT: CHENEGE, ALASKA  
 LOCATED IN: TOWNSHIP 1 SOUTH, RANGE 8 EAST, SECTION 25, SEWARD MERIDIAN  
 LAT: 60° 3'47.5" N LONG: 148° 0'33.6" W  
 DATE: June 24 SHEET **02** OF **07**



**ADJACENT PROPERTY OWNERS:**  
 CHENEGA IRA COUNCIL  
 P.O. BOX 8079  
 CHENEGA BAY, AK 99574  
 DNR/DMLW, SC REGION  
 550 W. 7TH AVE., SUITE 900C  
 ANCHORAGE, AK 99501  
**WATER BODIES:**  
 CRAB BAY, SAWMILL BAY, PRINCE WILLIAM SOUND

NORTH PACIFIC RIM HOUSING AUTHORITY  
 8300 KING STREET  
 ANCHORAGE, AK 99518

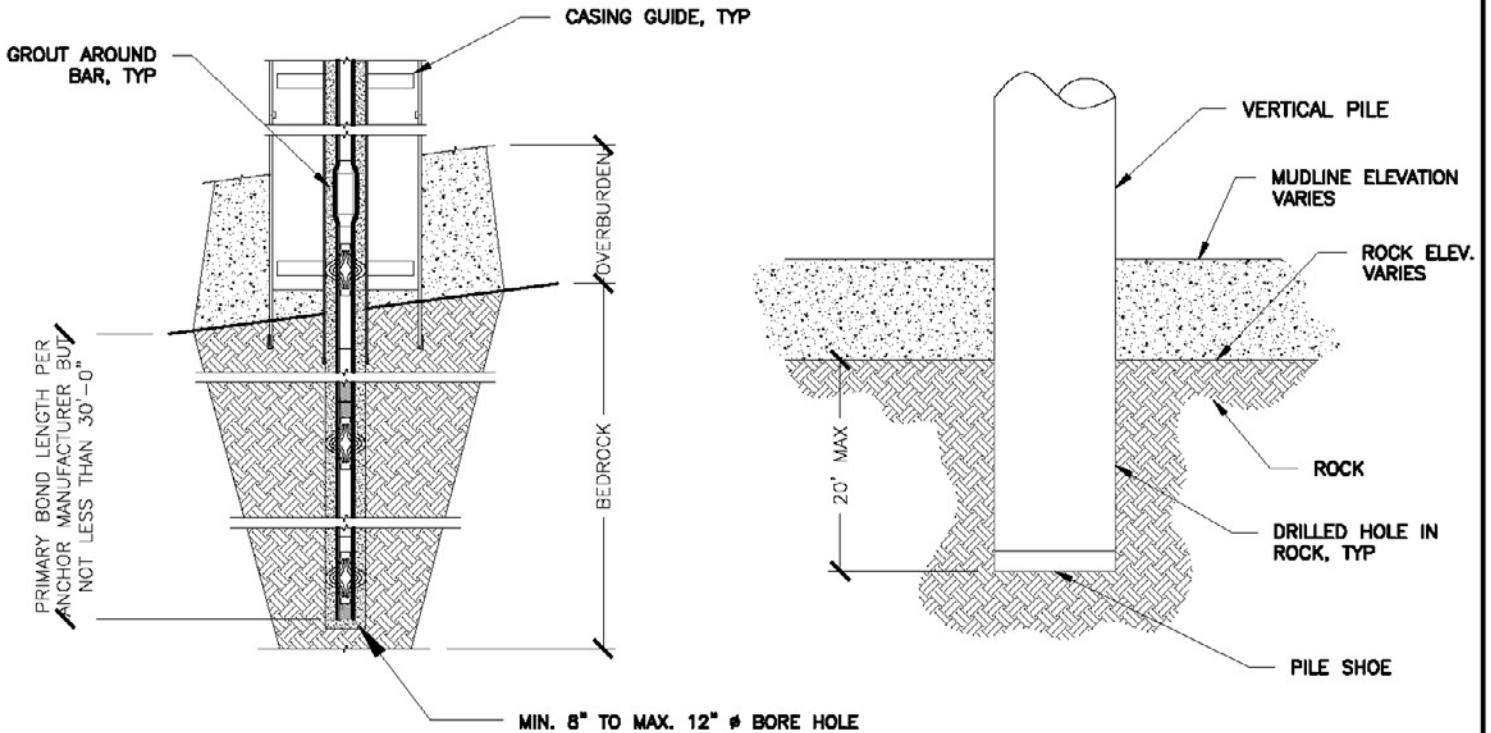
**SITE PLAN**

APPLICATION BY:  
 ALASKA STATE DEPT. OF TRANSPORTATION  
 AND PUBLIC FACILITIES  
 DESIGN & ENGINEERING SERVICES DIVISION  
 SOUTHCOAST REGION

CHENEGA FERRY TERMINAL  
 IMPROVEMENTS  
 PROJECT NO. SFHWY00461/0003290

AT: CHENEGA, ALASKA  
 LOCATED IN: TOWNSHIP 1 SOUTH,  
 RANGE 8 EAST, SECTION 25, SEWARD MERIDIAN  
 LAT: 60° 3'47.5" N LONG: 148° 0'33.6" W  
 DATE: June 24 SHEET **03** OF **07**

PILE INFORMATION				
STRUCTURES	PILE DIAMETER	QTY	# ROCK SOCKETS	# TENSION ANCHORS
BRIDGE ABUTMENT	24"	2 VERT. 2 BATTER	2	4
FLOAT RESTRAINT FRAME (2 EA.)	24" 18"	4 VERT. 2 BATTER	4	6
MOORING DOLPHINS (3 EA.)	30"	6 VERT. 6 BATTER	6	12
TEMPORARY PILES	24"	30	-	-
TOTAL		38		



**ADJACENT PROPERTY OWNERS:**  
 CHENEGA IRA COUNCIL  
 P.O. BOX 8079  
 CHENEGA BAY, AK 99574  
 DNR/DMLW, SC REGION  
 550 W. 7TH AVE., SUITE 900C  
 ANCHORAGE, AK 99501  
**WATER BODIES:**  
 CRAB BAY, SAWMILL BAY, PRINCE WILLIAM SOUND

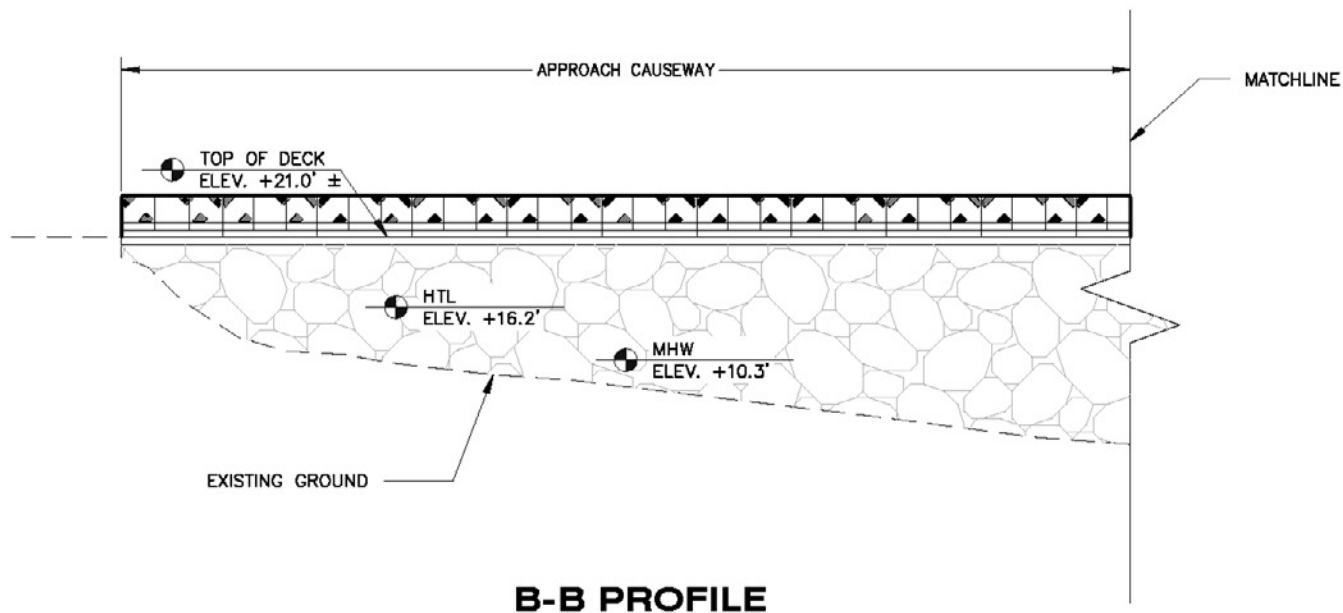
NORTH PACIFIC RIM  
 HOUSING AUTHORITY  
 8300 KING STREET  
 ANCHORAGE, AK 99518

## PILE DETAILS

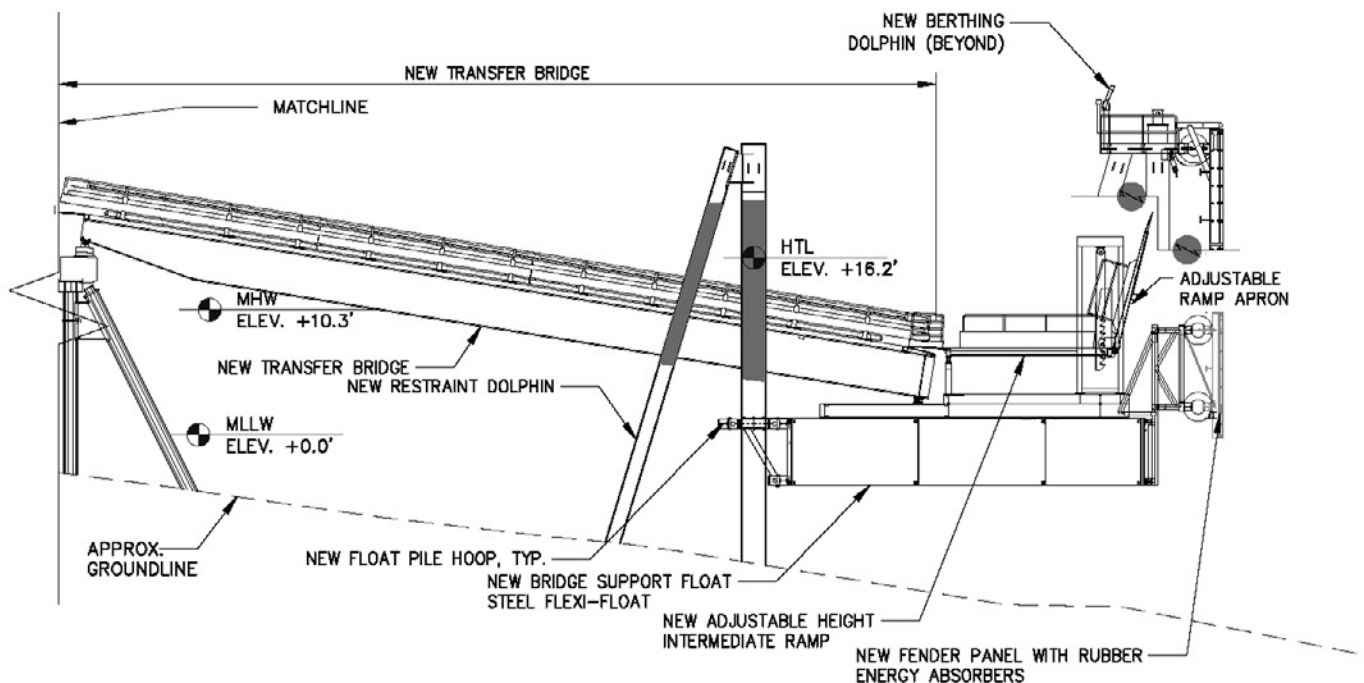
APPLICATION BY:  
 ALASKA STATE DEPT. OF TRANSPORTATION  
 AND PUBLIC FACILITIES  
 DESIGN & ENGINEERING SERVICES DIVISION  
 SOUTHCOAST REGION

CHENEGA FERRY TERMINAL  
 IMPROVEMENTS  
 PROJECT NO. SFHWY00461/0003290

AT: CHENEGA, ALASKA  
 LOCATED IN: TOWNSHIP 1 SOUTH,  
 RANGE 8 EAST, SECTION 25, SEWARD MERIDIAN  
 LAT: 60° 3'47.5" N LONG: 148° 0'33.6" W  
 DATE: June 24 SHEET **04** OF **07**



**B-B PROFILE**



**B-B PROFILE**

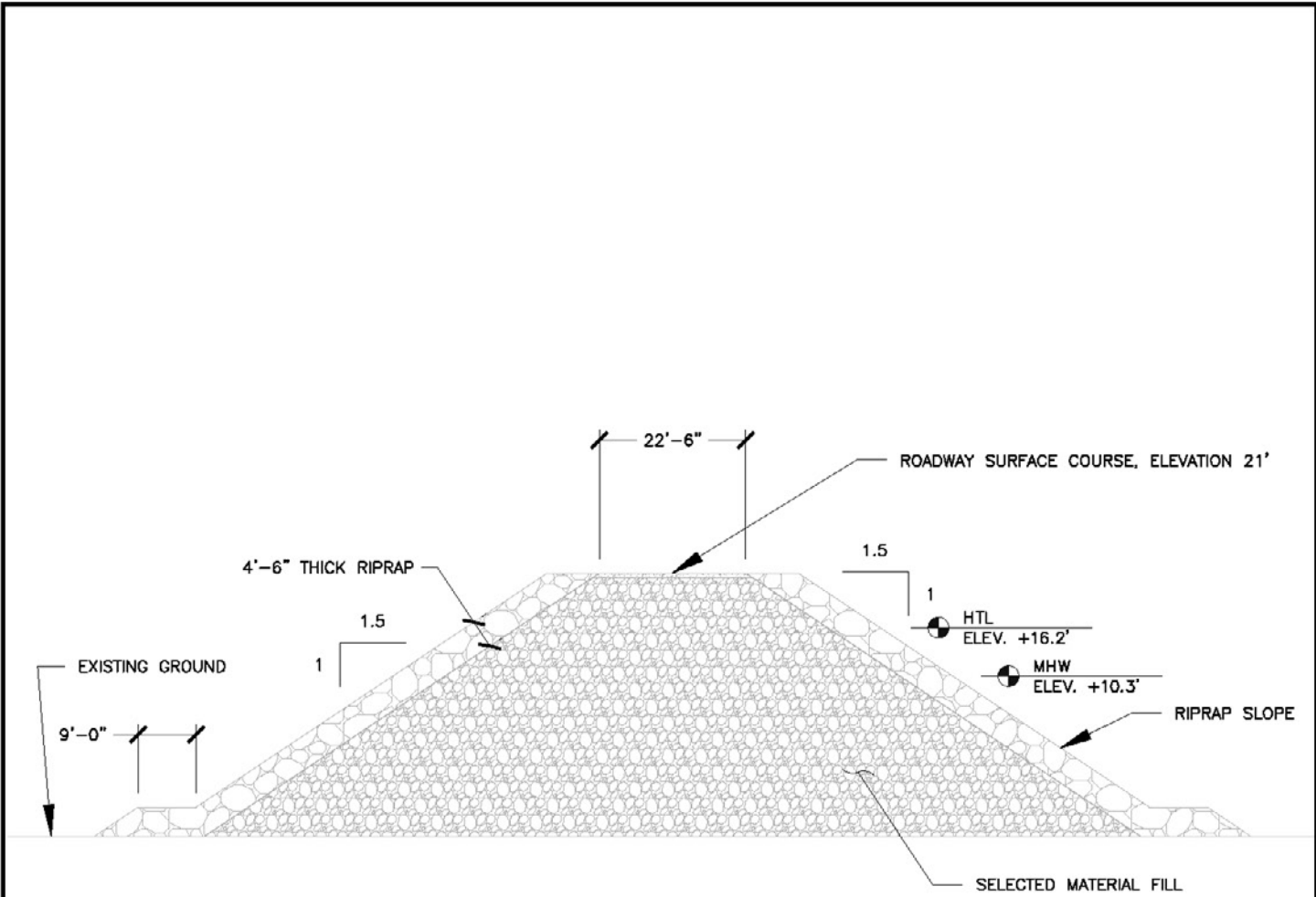
**ADJACENT PROPERTY OWNERS:**  
 CHENEGA IRA COUNCIL  
 P.O. BOX 8079  
 CHENEGA BAY, AK 99574  
 DNR/DMLW, SC REGION  
 550 W. 7TH AVE., SUITE 900C  
 ANCHORAGE, AK 99501  
**WATER BODIES:**  
 CRAB BAY, SAWMILL BAY, PRINCE WILLIAM SOUND

NORTH PACIFIC RIM  
 HOUSING AUTHORITY  
 8300 KING STREET  
 ANCHORAGE, AK 99518

**STRUCTURE DETAILS**

APPLICATION BY:  
 ALASKA STATE DEPT. OF TRANSPORTATION  
 AND PUBLIC FACILITIES  
 DESIGN & ENGINEERING SERVICES DIVISION  
 SOUTHCOAST REGION

CHENEGA FERRY TERMINAL  
 IMPROVEMENTS  
 PROJECT NO. SFHWY00461/0003290  
 AT: CHENEGA, ALASKA  
 LOCATED IN: TOWNSHIP 1 SOUTH,  
 RANGE 8 EAST, SECTION 25, SEWARD MERIDIAN  
 LAT: 60° 3'47.5" N LONG: 148° 0'33.6" W  
 DATE: June 24 SHEET **05** OF **07**



**APPROACH CAUSEWAY  
A-A SECTION**

QUANTITY TABLE		
FILL	SELECT MATERIAL VOLUME (CY)	RIPRAP VOLUME (CY)
BELOW HTL	19,052	6,575
BELOW MHW	17,121	5,763

QUANTITY TABLE		
FILL	SELECT MATERIAL VOLUME (CY)	RIPRAP VOLUME (CY)
SELECTED MATERIAL	20,075	0.90
RIPRAP	7,208	0.26

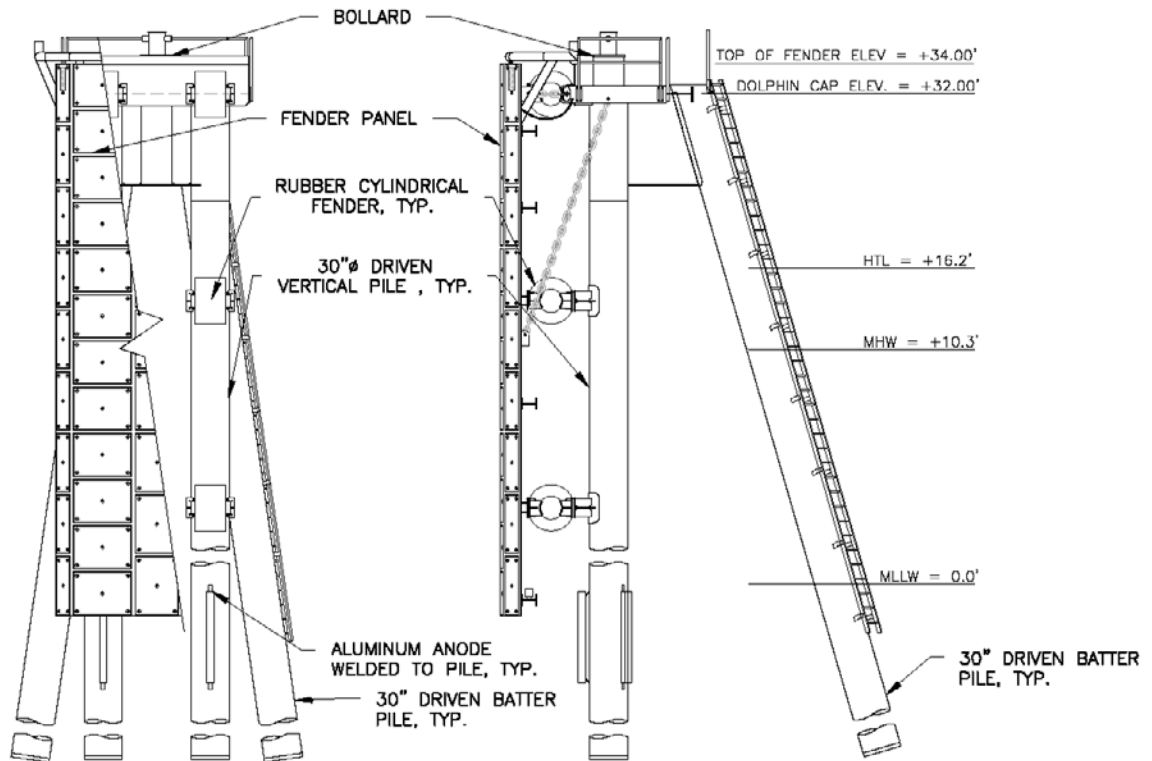
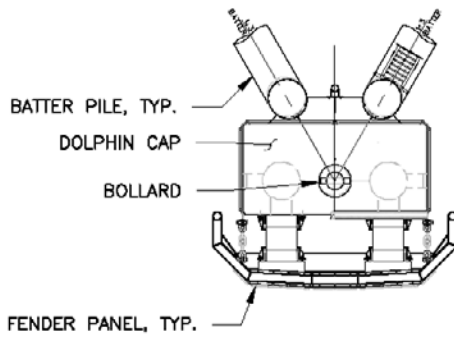
**ADJACENT PROPERTY OWNERS:**  
 CHENEGA IRA COUNCIL  
 P.O. BOX 8079  
 CHENEGA BAY, AK 99574  
 DNR/DMLW, SC REGION  
 550 W. 7TH AVE., SUITE 900C  
 ANCHORAGE, AK 99501  
**WATER BODIES:**  
 CRAB BAY, SAWMILL BAY, PRINCE WILLIAM SOUND

NORTH PACIFIC RIM  
 HOUSING AUTHORITY  
 8300 KING STREET  
 ANCHORAGE, AK 99518

**APPROACH CAUSEWAY**

APPLICATION BY:  
 ALASKA STATE DEPT. OF TRANSPORTATION  
 AND PUBLIC FACILITIES  
 DESIGN & ENGINEERING SERVICES DIVISION  
 SOUTHCOAST REGION

CHENEGA FERRY TERMINAL  
 IMPROVEMENTS  
 PROJECT NO. SFHWY00461/0003290  
 AT: CHENEGA, ALASKA  
 LOCATED IN: TOWNSHIP 1 SOUTH,  
 RANGE 8 EAST, SECTION 25, SEWARD MERIDIAN  
 LAT: 60° 3'47.5" N LONG: 148° 0'33.6" W  
 DATE: June 24 SHEET **06** OF **07**



**4-PILE DOLPHIN**  
FRONT ELEVATION

**4-PILE DOLPHIN**  
SIDE ELEVATION

**ADJACENT PROPERTY OWNERS:**

CHENEGA IRA COUNCIL P.O. BOX 8079 CHENEGA BAY, AK 99574	NORTH PACIFIC RIM HOUSING AUTHORITY 8300 KING STREET ANCHORAGE, AK 99518
---	---

DNR/DMLW, SC REGION  
550 W. 7TH AVE., SUITE 900C  
ANCHORAGE, AK 99501

**WATER BODIES:**  
CRAB BAY, SAWMILL BAY, PRINCE WILLIAM SOUND

**BERTHING DOLPHINS**

APPLICATION BY:

ALASKA STATE DEPT. OF TRANSPORTATION  
AND PUBLIC FACILITIES  
DESIGN & ENGINEERING SERVICES DIVISION  
SOUTHCOAST REGION

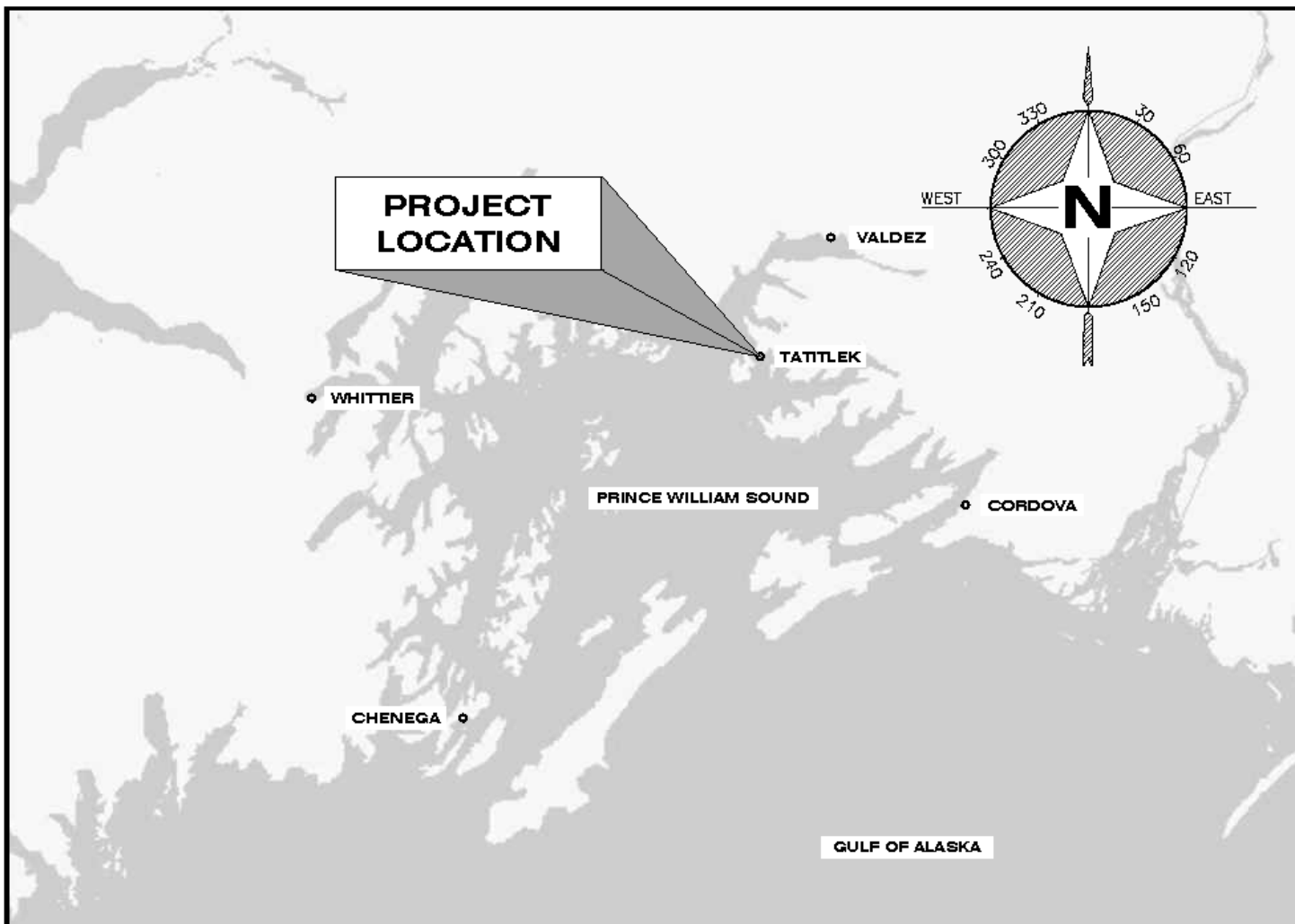
**LOCATION DESCRIPTION**

AI: CHENEGA, ALASKA

LOCATED IN: TOWNSHIP 1 SOUTH,  
RANGE 8 EAST, SECTION 25, SEWARD MERIDIAN  
LAT: 60° 3'47.5" N LONG: 148° 0'33.6" W

DATE: June 24 SHEET **07** OF **07**

## **Attachment C – Tatitlek Ferry Terminal Figures**



**REGIONAL MAP**

TIDAL DATA

HTL	17.0' EST.
MHW	11.0
MSL	6.43
MLLW	0.0
ELW	-5.0 EST.

ADJACENT PROPERTY OWNERS:

CITY OF TATTILEK 505 COPPER MOUNTAIN ST. TATTILEK, AK 99677 NR/DMLW, SC REGION 550 W. 7TH AVE., SUITE 900C ANCHORAGE, AK 99501	THE TATTILEK CORPORATION 581 E 36TH AVE STE 400 ANCHORAGE, AK 99503
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WATER BODIES:

BOULDER BAY, TATTILEK NARROWS, PRINCE WILLIAM SOUND

**KEY & REGIONAL MAPS**

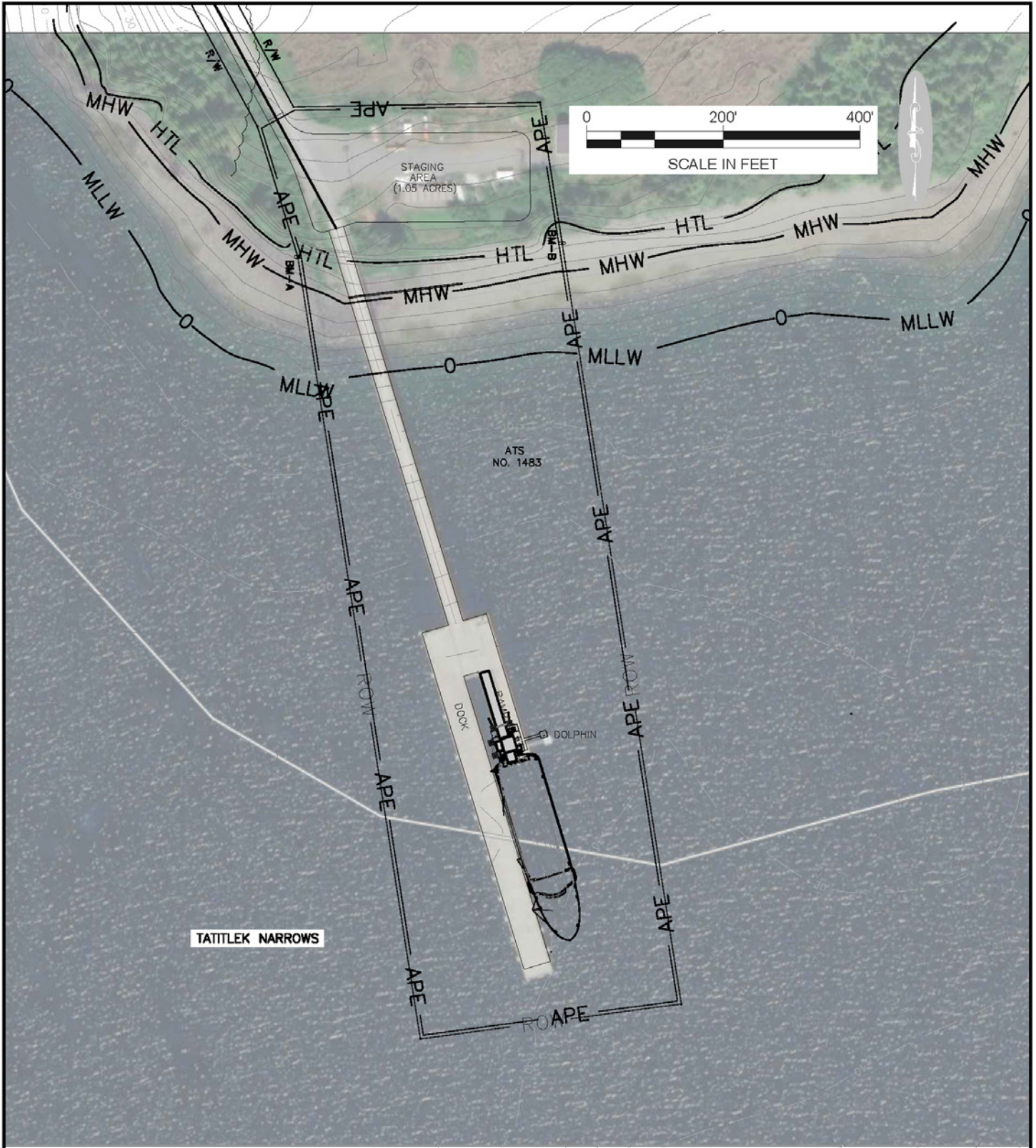
APPLICATION BY:

ALASKA STATE DEPT. OF TRANSPORTATION  
AND PUBLIC FACILITIES  
DESIGN & ENGINEERING SERVICES DIVISION  
SOUTHCOAST REGION

**TATTILEK FERRY TERMINAL  
IMPROVEMENTS**

AT: TATTILEK, ALASKA  
LOCATED IN: TOWNSHIP 12 SOUTH, SECTION 5  
RANGE 8 WEST, COPPER RIVER MERIDIAN  
LAT: 60° 51' 29.4" N  
LONG: 146° 40' 31.6" W  
DATE: May 24 SHEET **01** OF **07**





**ADJACENT PROPERTY OWNERS:**  
 CITY OF TATTILEK, 505 COPPER MOUNTAIN ST., TATTILEK, AK 99677, NR/DMLW, SC REGION, 550 W. 7TH AVE., SUITE 900C, ANCHORAGE, AK 99501  
 THE TATTILEK CORPORATION, 561 E 36TH AVE STE 400, ANCHORAGE, AK 99503

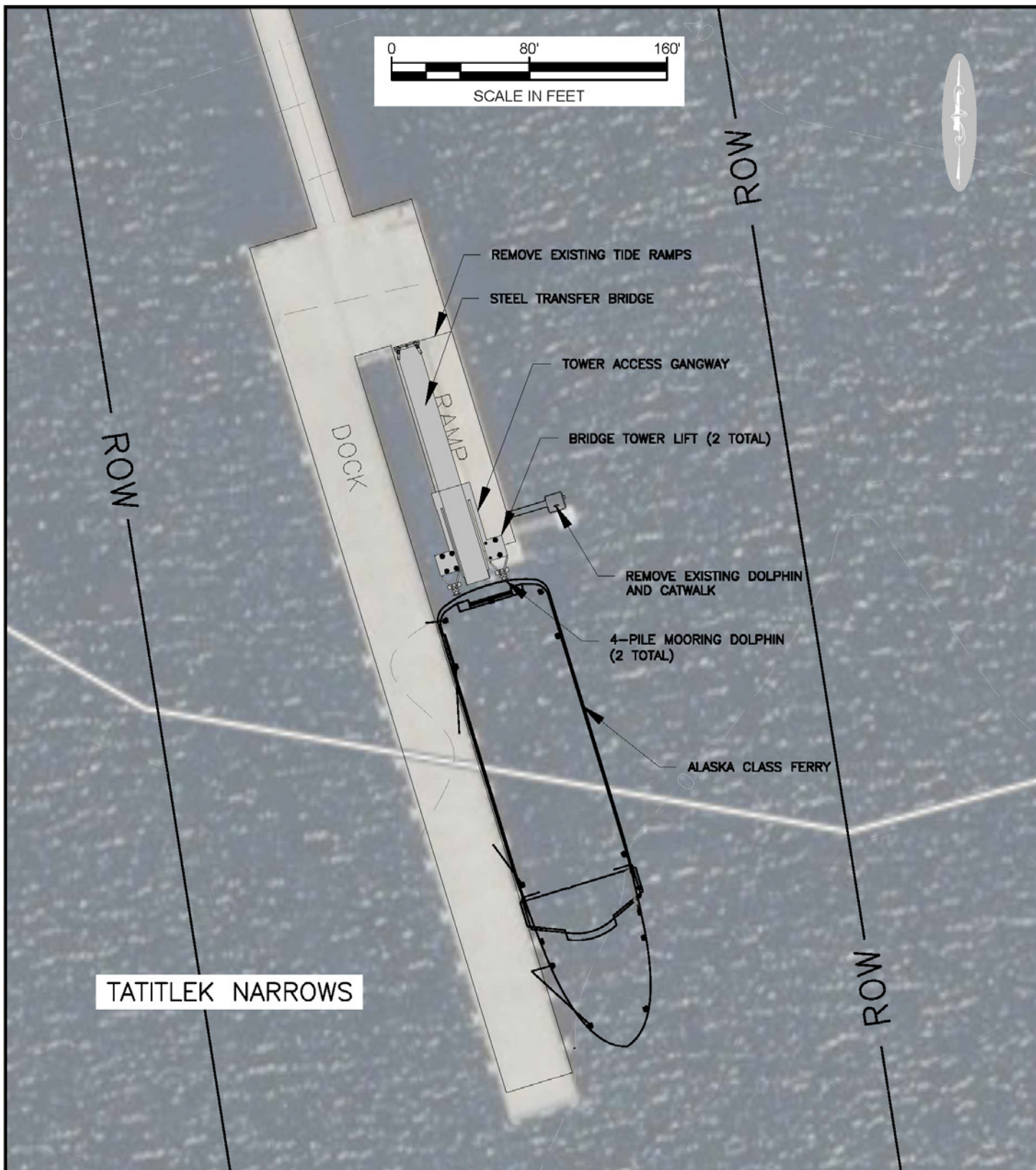
**WATER BODIES:**  
 BOULDER BAY, TATTILEK NARROWS, PRINCE WILLIAM SOUND

**VICINITY MAP AND AREA OF POTENTIAL EFFECT**

APPLICATION BY:  
 ALASKA STATE DEPT. OF TRANSPORTATION AND PUBLIC FACILITIES  
 DESIGN & ENGINEERING SERVICES DIVISION  
 SOUTHCOAST REGION

**TATTILEK FERRY TERMINAL IMPROVEMENTS**

AT: TATTILEK, ALASKA  
 LOCATED IN: TOWNSHIP 12 SOUTH, SECTION 5  
 RANGE 8 WEST, COPPER RIVER MERIDIAN  
 LAT: 60° 51'29.4" N  
 LONG: 146° 40' 31.6" W  
 DATE: May 24 SHEET **02** OF **07**



**ADJACENT PROPERTY OWNERS:**

CITY OF TATITLEK 505 COPPER MOUNTAIN ST. TATITLEK, AK 99677 NR/DMLW, SC REGION 550 W. 7TH AVE., SUITE 900C ANCHORAGE, AK 99501	THE TATITLEK CORPORATION 561 E 36TH AVE STE 400 ANCHORAGE, AK 99503
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**WATER BODIES:**

BOULDER BAY, TATITLEK NARROWS, PRINCE WILLIAM SOUND

**SITE PLAN**

APPLICATION BY:

ALASKA STATE DEPT. OF TRANSPORTATION  
AND PUBLIC FACILITIES  
DESIGN & ENGINEERING SERVICES DIVISION  
SOUTHCOAST REGION

**TATITLEK FERRY TERMINAL IMPROVEMENTS**

AT: TATITLEK, ALASKA  
LOCATED IN: TOWNSHIP 12 SOUTH, SECTION 5  
RANGE 8 WEST, COPPER RIVER MERIDIAN  
LAT: 60° 51'29.4" N  
LONG: 146° 40' 31.6" W  
DATE: May 24 SHEET **03** OF **07**