



**US Army Corps
of Engineers** ®
Alaska District

Operations Branch

Public Notice of Section 408 Request

Public Notice Date April 26, 2024
Expiration Date May 26, 2024
Identification No. 408-POA-2021-0016

Please refer to the identification number when replying.

Hoonah Harbor Pitt Island Cemetery Walkway Hoonah Harbor, Hoonah, Alaska

The U. S. Army Corps of Engineers (USACE), Alaska District has received a request pursuant to Section 14 of the Rivers and Harbors Act of 1899 (33 U.S.C. 408), hereafter referred to as Section 408, from State of Alaska Department of Transportation and Public Facilities on behalf of the City of Hoonah, for actions that will alter/occupy the Federal navigation limits within Hoonah Harbor, in Hoonah, Alaska. Hoonah Harbor was authorized for construction in 1972 and constructed in 1979 - 1980. The harbor's main Federal features include three breakwaters, entrance and maneuvering channels, and submerged diversion dike. The three breakwaters include a 140-foot entrance breakwater, an 800-foot north breakwater, and a 1507-foot west breakwater.

Section 408 authorizes the Secretary of the Army, on the recommendation of the Chief of Engineers of the USACE, to grant permission for the alteration, occupation, or use of a USACE Civil Works project if the Secretary determines the activity will not be injurious to the public interest and will not impair the usefulness of the Federal project.

The requester's proposed project, submitted by State of Alaska Department of Transportation and Public Facilities, on behalf of the City of Hoonah, is to construct approximately 0.5 miles of walkway atop of a U.S. Army Corps of Engineer's breakwater and a pedestrian bridge from the shore of the breakwater to Pitt Island. The walkway would be 6 feet wide precast concrete panels with curbs. The walkway would be primarily atop of the existing Federal west breakwater footprint with the exception of a few locations:

- At the north end of the west breakwater, it is proposed to extend the breakwater to connect to Pitt Island. At this location, no fill would be placed below the high tide line.
- At the corner of the west breakwater where the breakwater turns to the north; the breakwater would be widened to accommodate the walkway by adding fill on the harbor side of the breakwater and include core rock placed on the existing breakwater riprap slope then covered with approximately 2 feet of Class 1 riprap and about 4 feet of Class 3 riprap.

- On the east end of the west breakwater, there is an 8-foot-wide pedestrian bridge proposed to span a breach in the breakwater. The pedestrian bridge would be supported with two pile supported abutments which would be placed above the high tide line. The bridge would also have a mid-span pier supported by two 18-inch steel pipe piles. The pedestrian bridge would also have up to six 18-inch diameter steel pipe piles installed temporarily as templates for driving the permanent piles. Each temporary pile would take approximately 15 minutes of vibratory driving to install and 15 minutes of vibratory hammer activity to remove. Each permanent pile would take 120 minutes of vibratory driving, approximately 400 strikes using an impact hammer, and 60-180 minutes using down-the-hole drilling.

An approximately 260-feet long by 60-feet wide (at toe) temporary access fill would be placed to allow equipment to access and construct the pedestrian bridge and walkway area on the breakwater. The temporary fill would consist of coarse shot rock and would be 14-feet wide at the top. Following completion of construction, the temporary fill would be completely removed.

Drawings showing the requestor's selected design alternative are enclosed. A copy of this public notice can also be found under the Documents Available for Review (Operations and Maintenance) portion of the following webpage:

<https://www.poa.usace.army.mil/Library/Reports-and-Studies/>

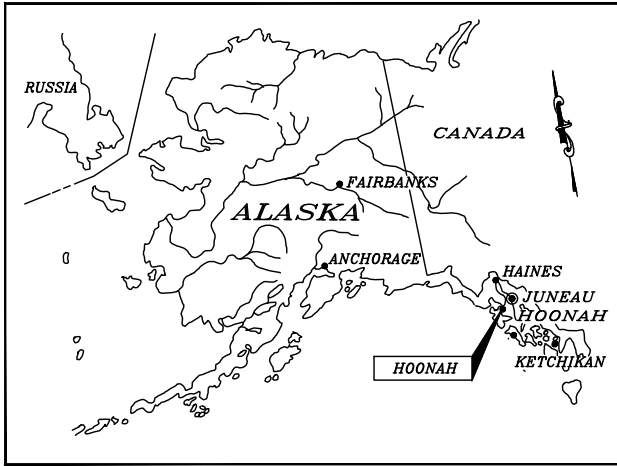
In accordance with Engineering Circular (EC) 1165-2-220, the USACE Alaska District is seeking public input as part of the decision-making process for this Section 408 request to alter/occupy the Federal navigation limits within Hoonah Harbor. The USACE Section 408 review is limited to the potential impacts to the usefulness of the Federal project, the public interest, and the environment that may be caused by the alteration in-place. Potential environmental impacts will also be evaluated under a Department of the Army nationwide permit process managed by the USACE, Alaska District Regulatory Division. The actual construction of the proposed work is the requestor's action.

Please submit comments regarding the proposed alteration/occupation of the Federal navigation limits for this Section 408 request to Monica.J.Velasco@usace.army.mil or to the address below:

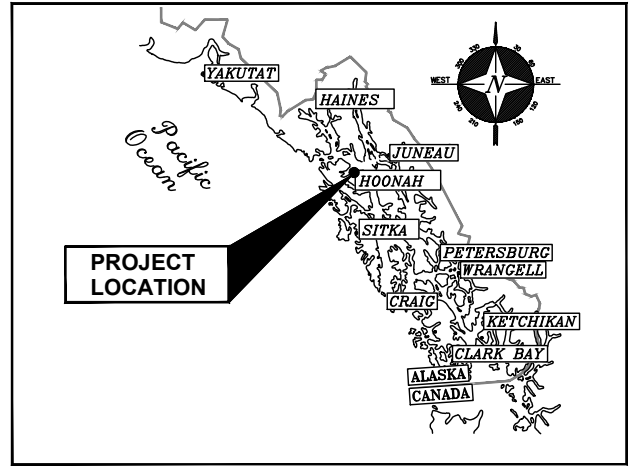
U.S. Army Corps of Engineers, Alaska District
ATTN: CEPOA-COO (Velasco)
P.O. Box 6898
JBER, Alaska 99506-0898

No public meeting is scheduled for this action. If you believe a meeting should be held, then please send a written request to the above address during the 30-day review period explaining why you believe a meeting is necessary. For additional information about the proposed project, please contact Monica Velasco of the Operations Branch at (907) 753-5688, at the above email, or USACE Alaska District postal address.

Julie L. Anderson, P.E.
Chief, Operations Branch



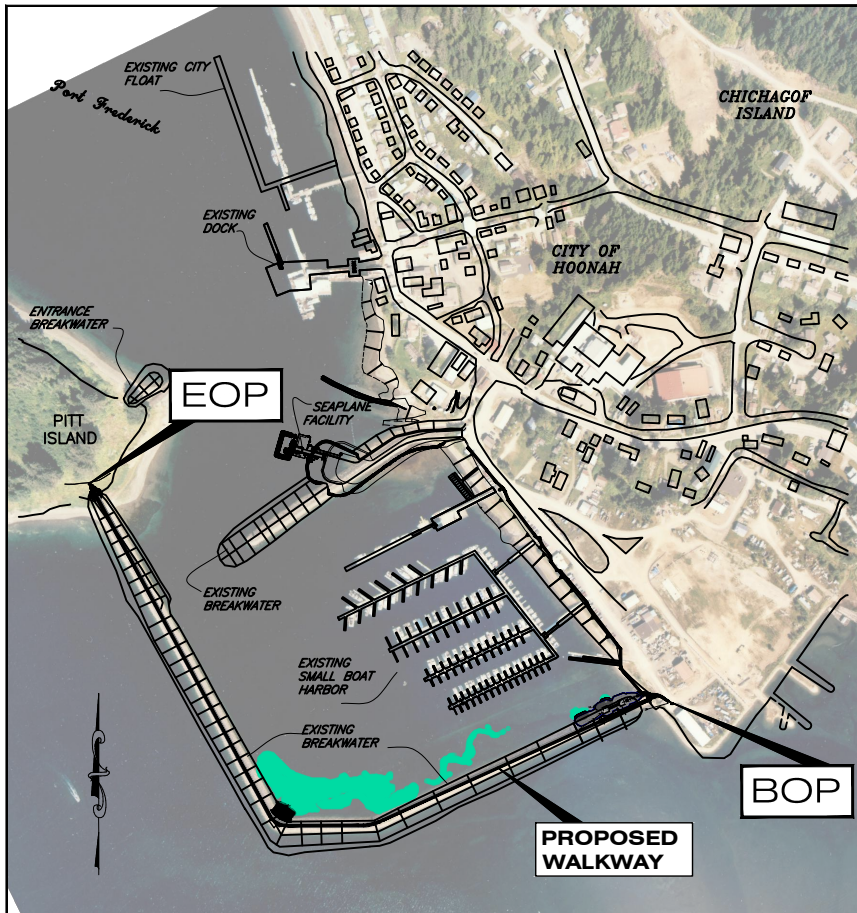
KEY MAP



LOCATION MAP

HOONAH HARBOR WAY PEDESTRIAN IMPROVEMENTS & PITT ISLAND CEMETERY

TOTAL FILL AREA BELOW HTL =	0.09 Acre
TOTAL FILL VOLUME BELOW HTL (EMBANKMENT + RIPRAP) =	950 Cu.Yd.
TOTAL RIPRAP VOLUME BELOW HTL =	411 Cu.Yd.
SEE SHEET 7 FOR TEMPORARY FILL	



VICINITY MAP

SHEET INDEX

SHEET:	DESCRIPTION
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3	WALKWAY TYPICAL SECTION, EOP TRANSITION
4	BREAKWATER WIDENING AT BRIDGE ABUTMENT
5	PEDESTRIAN BRIDGE
6	BRIDGE CIVIL DETAILS
7	TEMPORARY ACCESS AT BRIDGE ABUTMENT

TIDAL DATA

HTL:	+19.3'
MHW:	+13.9'
MLLW:	0.0'
ELW:	-5.0'

WATER BODIES: Port Frederick Inlet, Gartina Creek
PROJECT LOCATION: Township (T) 43 S, Range (R) 61 E, Section (S) 28, USGS Quadrangle Juneau A-5, Copper River Meridian.

KEY AND REGIONAL MAPS

APPLICATION BY:
 ALASKA STATE DEPT. OF TRANSPORTATION AND PUBLIC FACILITIES
 SOUTHCOAST REGION

HOONAH HARBOR WAY PEDESTRIAN IMPROVEMENTS & PITT ISLAND CEMETERY
 PROJECT NO. SFHWY00278
 AT: HOONAH, ALASKA

EXISTING NOAA/USACE BENCH MARKS - DO NOT DISTURB

POINT #	Northing	Easting	Elevation	Description	Station	Offset
101	2296080.45	2341612.33	23.62	3.5"BC_NOAA/USACE BM_2438A	N/A	N/A
102	2296246.83	2341951.76	26.71	3.5"BC_NOAA/USACE BM_2438B	N/A	N/A
103	2295950.64	2342189.87	23.38	3.5"BC_NOAA/USACE BM_2438C	2+51.46	15.54R
104	2295740.97	2342337.53	22.15	3.5"BC_NOAA/USACE BM_2438D	5+10.00	13.92R

BREAKWATER ACCESS CONDITIONS FOR CITY OF HOONAH:

1. USE/PURPOSE IS FOR INSTALLATION, OPERATION, MAINTENANCE AND REMOVAL OF 6-FOOT WIDE PEDESTRIAN WALKWAY FROM HOONAH HARBOR UPLANDS TO THE PITT ISLAND FOR ACCESS TO THE COMMUNITY CEMETERY.
2. ALL TERRAIN VEHICLES (ATVS) OR MOTORIZED TRAFFIC IS ONLY AUTHORIZED FOR CEMETERY SERVICE AND MAINTENANCE RELATED PURPOSES; AND BY AUTHORIZED PERSONNEL.
3. THE CITY SHALL INSTALL A GATE (OR BARRIER) AT THE HOONAH HARBOR END OF THE WALKWAY TO PREVENT UNAUTHORIZED MOTORIZED ACCESS.

*A SPECIAL SIGN & LOCKING REMOVABLE BOLLARD WERE ADDED TO THE DESIGN PLANSET TO LIMIT PEDESTRIAN & VEHICULAR ACCESS TO THE BREAKWATER.



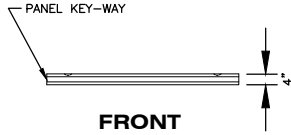
ADJACENT PROPERTY OWNERS:
 City of Hoonah Alf R. Skaflestad
 State of Alaska Seferine Villarreal
 Huna Totem Corporation

WATER BODIES: Port Frederick Inlet, Gartina Creek
 PROJECT LOCATION: Township (T) 43 S, Range (R) 61 E, Section (S) 28, USGS Quadrangle Juneau A-5, Copper River Meridian.

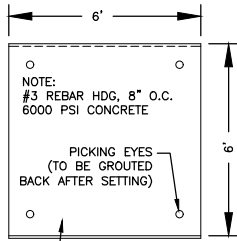
OVERALL SITE PLAN
 APPLICATION BY:
 ALASKA STATE DEPT. OF TRANSPORTATION AND PUBLIC FACILITIES
 SOUTHCOAST REGION

HOONAH HARBOR WAY PEDESTRIAN IMPROVEMENTS & PITT ISLAND CEMETERY PROJECT NO. SFHWY00278
 AT: HOONAH, ALASKA
 DATE: February 26, 2024 SHEET 2 OF 7

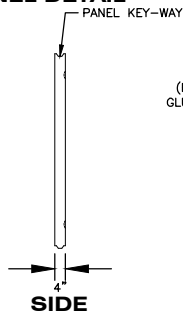
NOTE:
BELOW SKETCHES DO NOT DEPICT CROWN IN THE CENTER OF THE PANEL. THIS WOULD BE IN ADDITION TO THE 4" HEIGHT.



FRONT PRECAST CONCRETE PANEL DETAIL



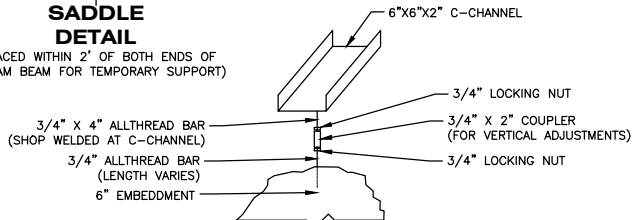
PLAN



SIDE

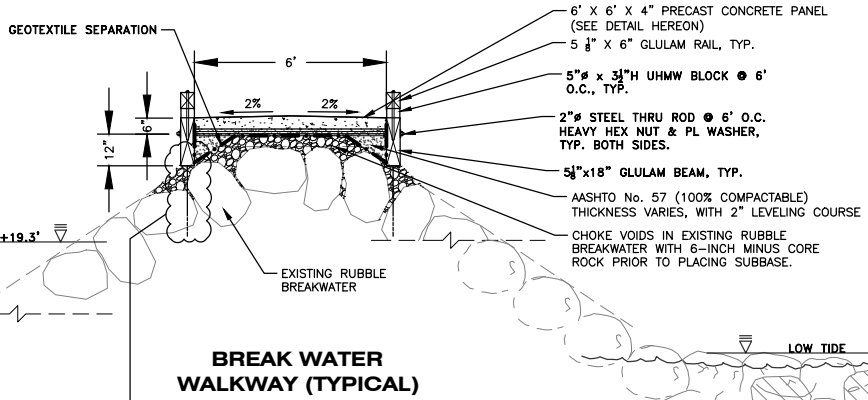
FINISH: LIGHT TO MEDIUM BROOM

SADDLE DETAIL
(PLACED WITHIN 2' OF BOTH ENDS OF GLULAM BEAM FOR TEMPORARY SUPPORT)

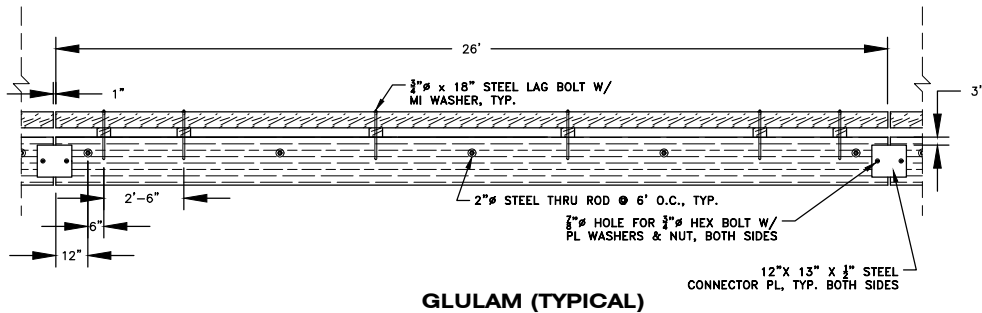


NOTE:
DETAIL PROVIDES 7/8" OF HORIZONTAL PLAY FOR ALIGNMENT ADJUSTMENT AND, 1" OF VERTICAL PLAY FOR HEIGHT ADJUSTMENTS.

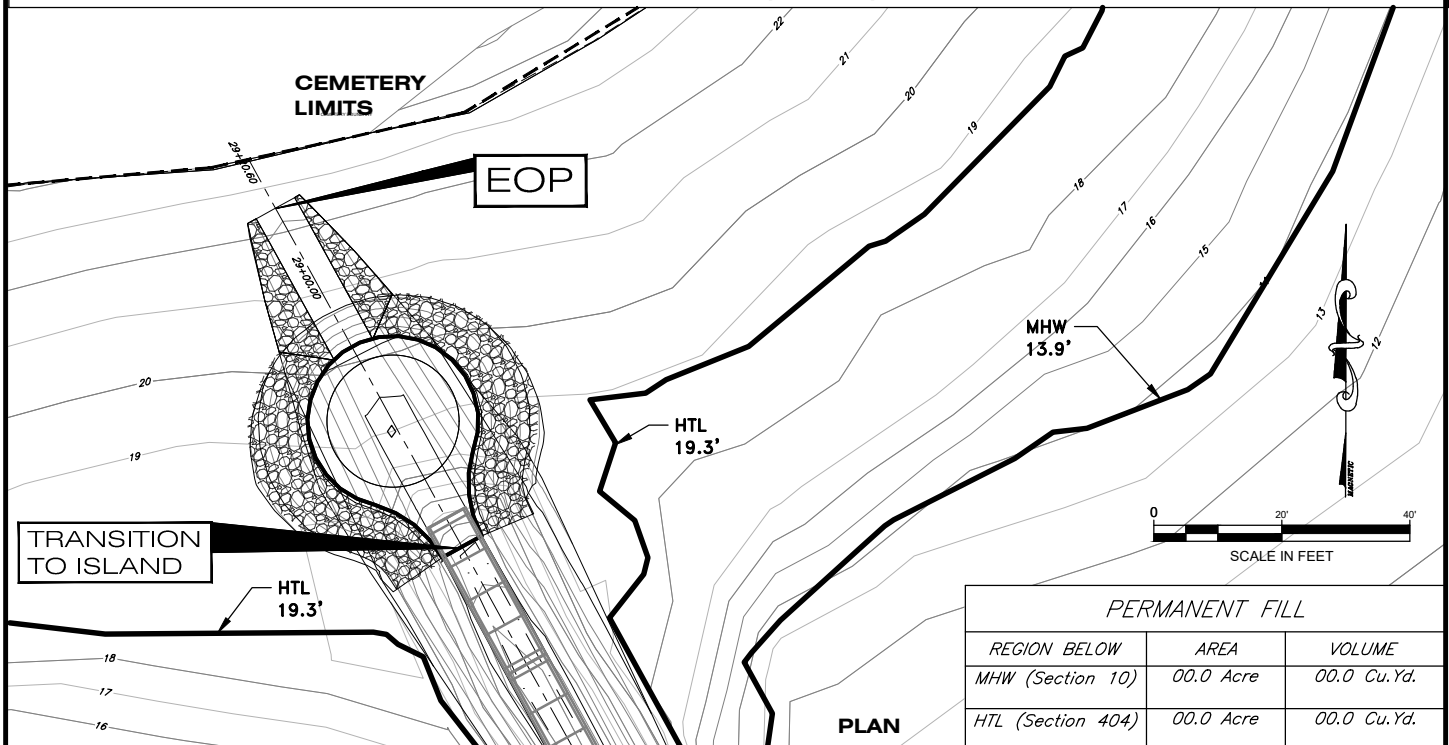
NOTE:
DRILLED GLULAM SADDLE SUPPORTS CAN BE REMOVED AT USACE OPTION, OR LEFT IN PLACE



BREAK WATER WALKWAY (TYPICAL)



GLULAM (TYPICAL)



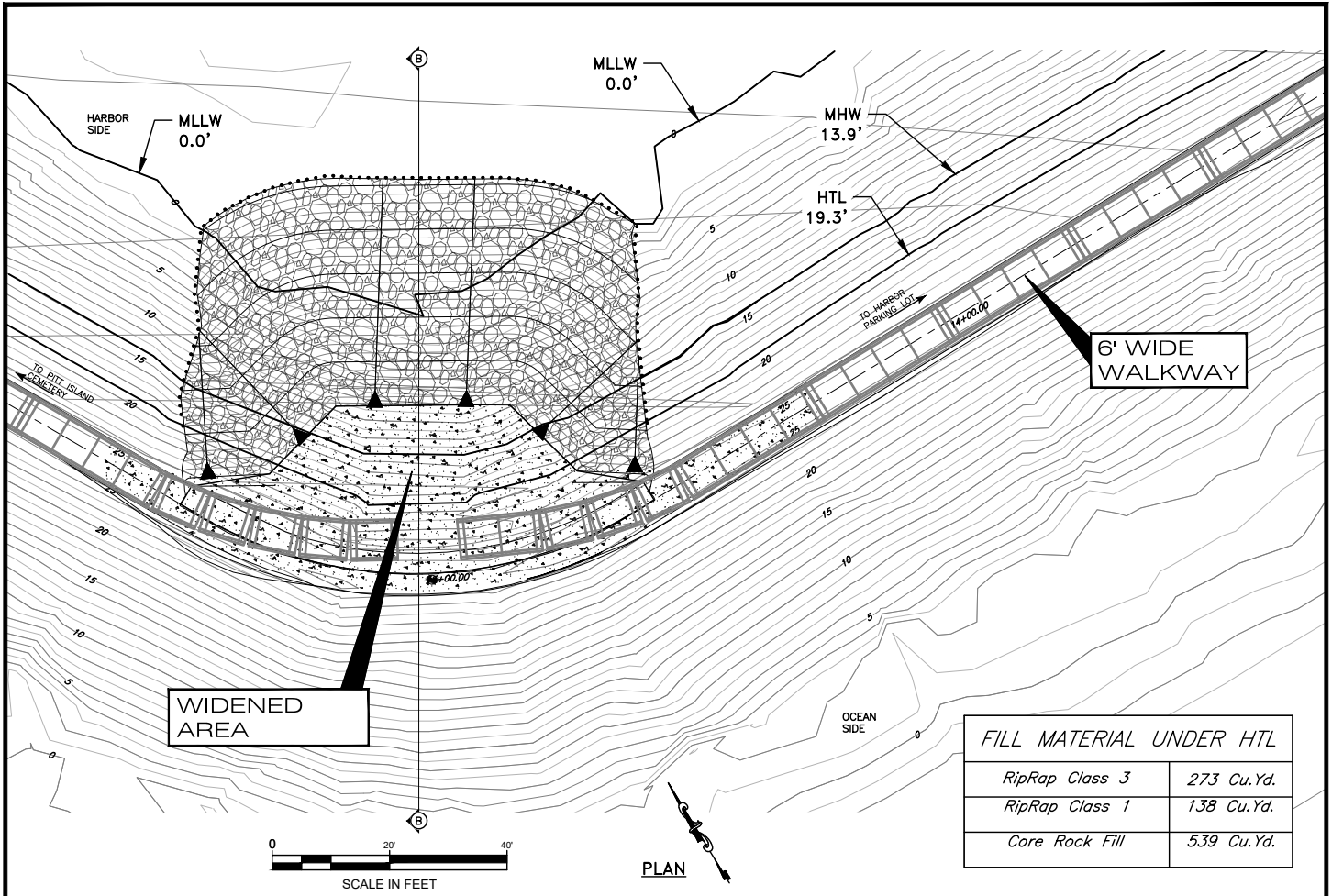
PERMANENT FILL		
REGION BELOW	AREA	VOLUME
MHW (Section 10)	00.0 Acre	00.0 Cu.Yd.
HTL (Section 404)	00.0 Acre	00.0 Cu.Yd.

WATER BODIES: Port Frederick Inlet, Gartina Creek
PROJECT LOCATION: Township (T) 43 S, Range (R) 61 E, Section (S) 28, USGS Quadrangle Juneau A-5, Copper River Meridian.

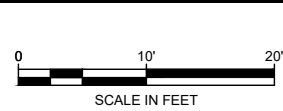
WALKWAY TYPICAL SECTION, EOP TRANSITION
APPLICATION BY:
ALASKA STATE DEPT. OF TRANSPORTATION AND PUBLIC FACILITIES
SOUTHCOAST REGION

HOONAH HARBOR WAY PEDESTRIAN IMPROVEMENTS & PITT ISLAND CEMETERY PROJECT NO. SFHWY00278
AT: HOONAH, ALASKA

DATE: February 26, 2024 SHEET 3 OF 7

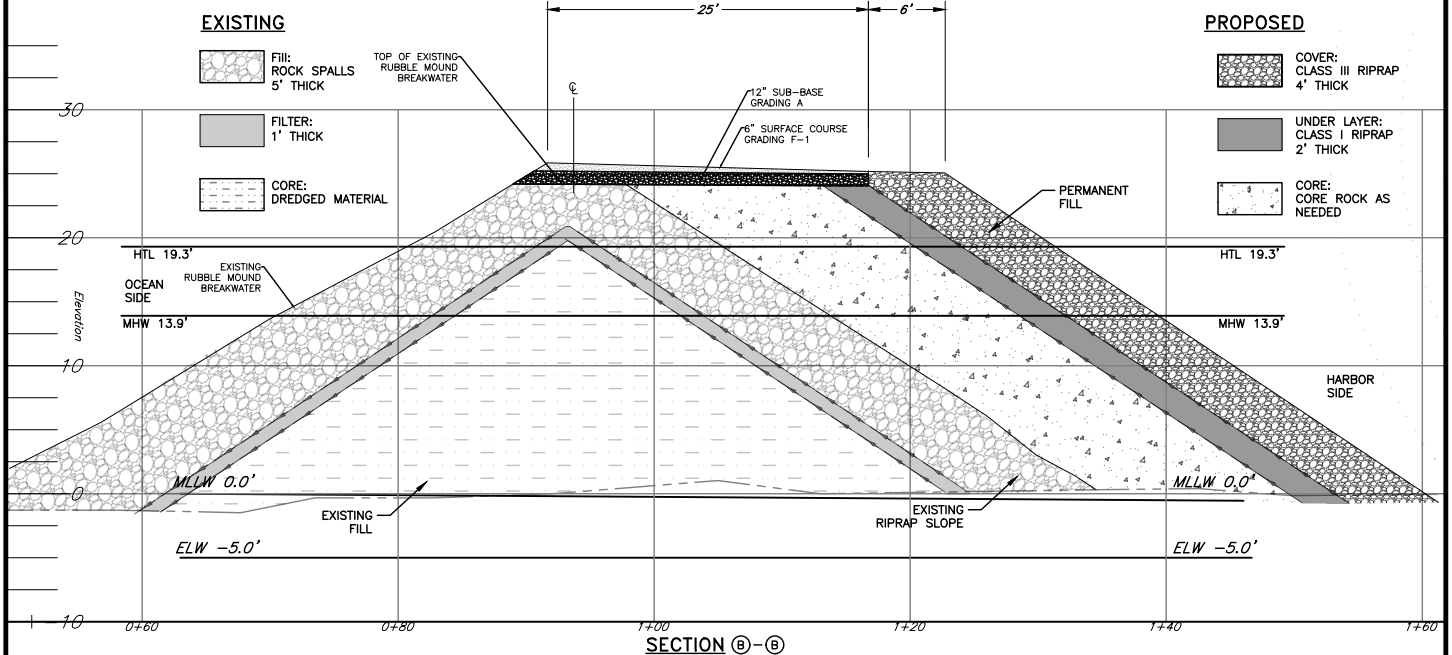


FILL MATERIAL UNDER HTL	
RipRap Class 3	273 Cu.Yd.
RipRap Class 1	138 Cu.Yd.
Core Rock Fill	539 Cu.Yd.



NOTE:
 PROPOSED CORE ROCK CONSISTS OF:
 - 100% PASSING 6 INCHES,
 - 30%-50% PASSING 3 INCHES,
 - 0%-15% PASSING 1.5 INCHES

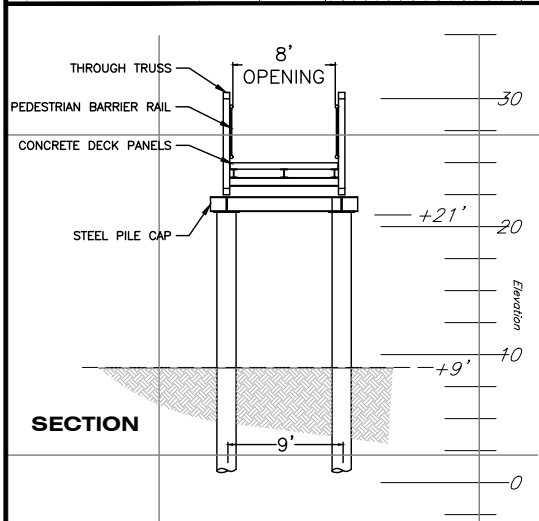
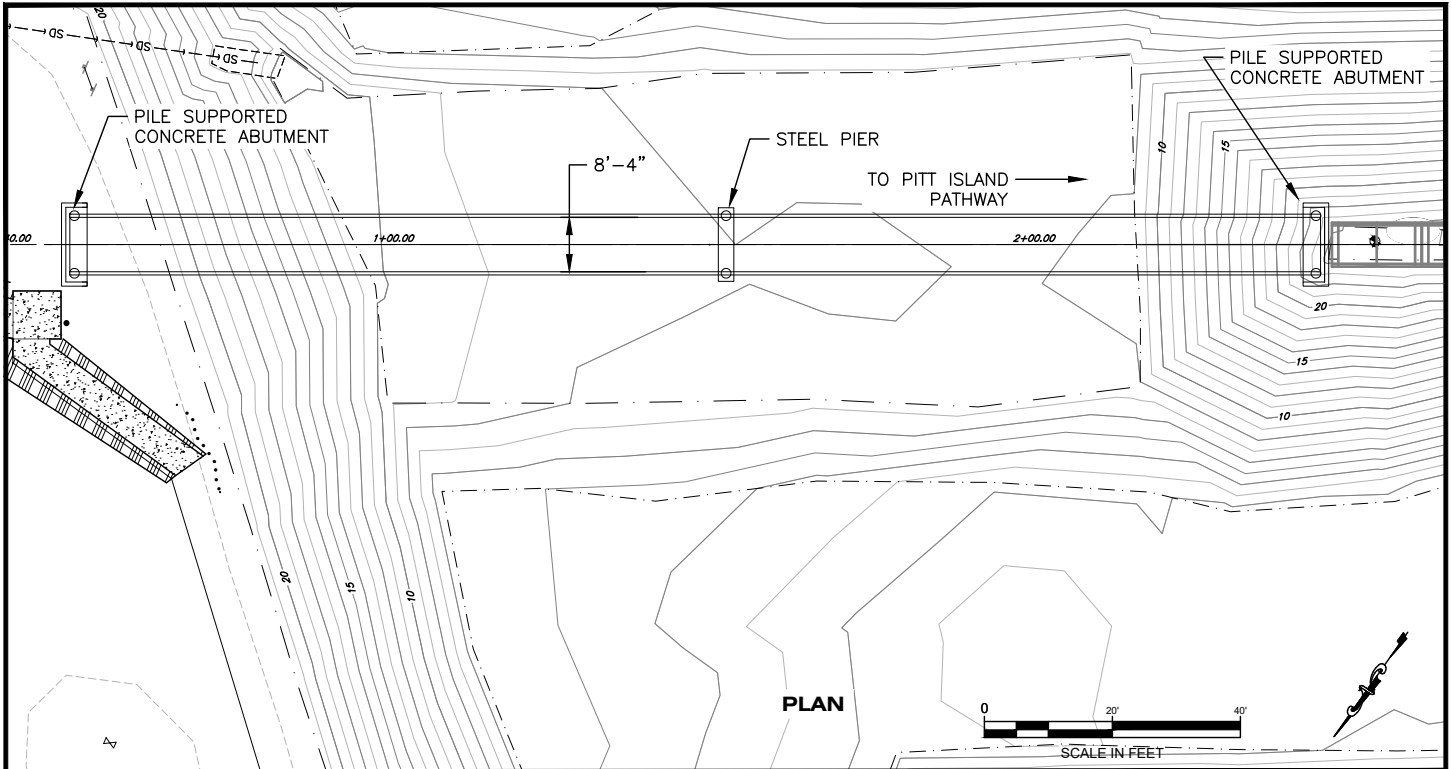
PERMANENT FILL		
REGION BELOW	AREA	VOLUME
MHW (Section 10)	0.070 Acre	694 Cu.Yd.
HTL (Section 404)	0.085 Acre	950 Cu.Yd.



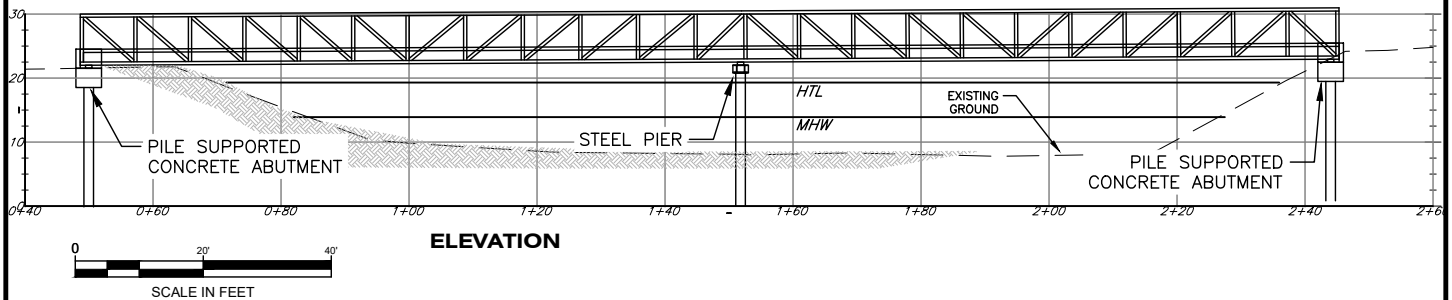
WATER BODIES: Port Frederick Inlet, Gartina Creek
 PROJECT LOCATION: Township (T) 43 S, Range (R) 61 E, Section (S) 28, USGS Quadrangle Juneau A-5, Copper River Meridian.

BREAKWATER WALKWAY WIDENING
 APPLICATION BY:
 ALASKA STATE DEPT. OF TRANSPORTATION AND PUBLIC FACILITIES
 SOUTHCOAST REGION

HOONAH HARBOR WAY PEDESTRIAN IMPROVEMENTS & PITT ISLAND CEMETERY PROJECT NO. SFHWY00278
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PILE DATA						
STRUCTURE	REMOVE EXISTING STEEL PIPE PILE (DIA)	NO. REQUIRED	NEW STEEL PIPE PILE (DIA)	NO. REQUIRED	DRILLED ROCK SOCKET (EA)	DRILLED PILE TENSION ANCHOR (EA)
PEDESTRIAN BRIDGE	N/A	N/A	18"	6	N/A	N/A
TEMPORARY PILES	N/A	N/A	18"	6	N/A	N/A



WATER BODIES: Port Frederick Inlet, Gartina Creek

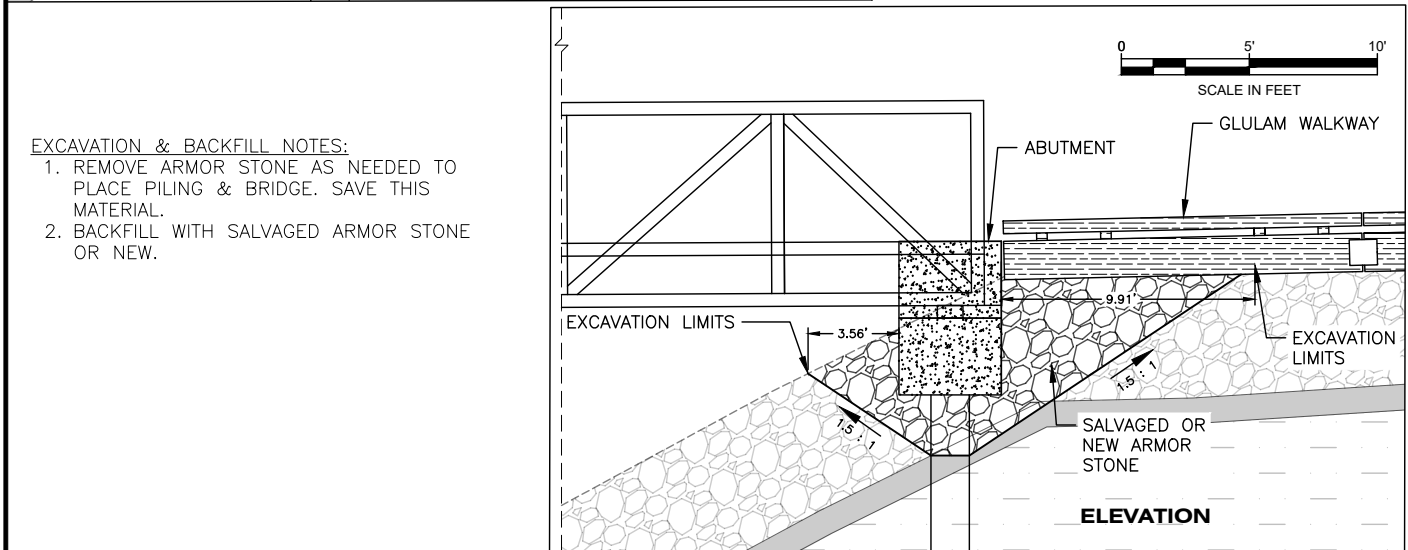
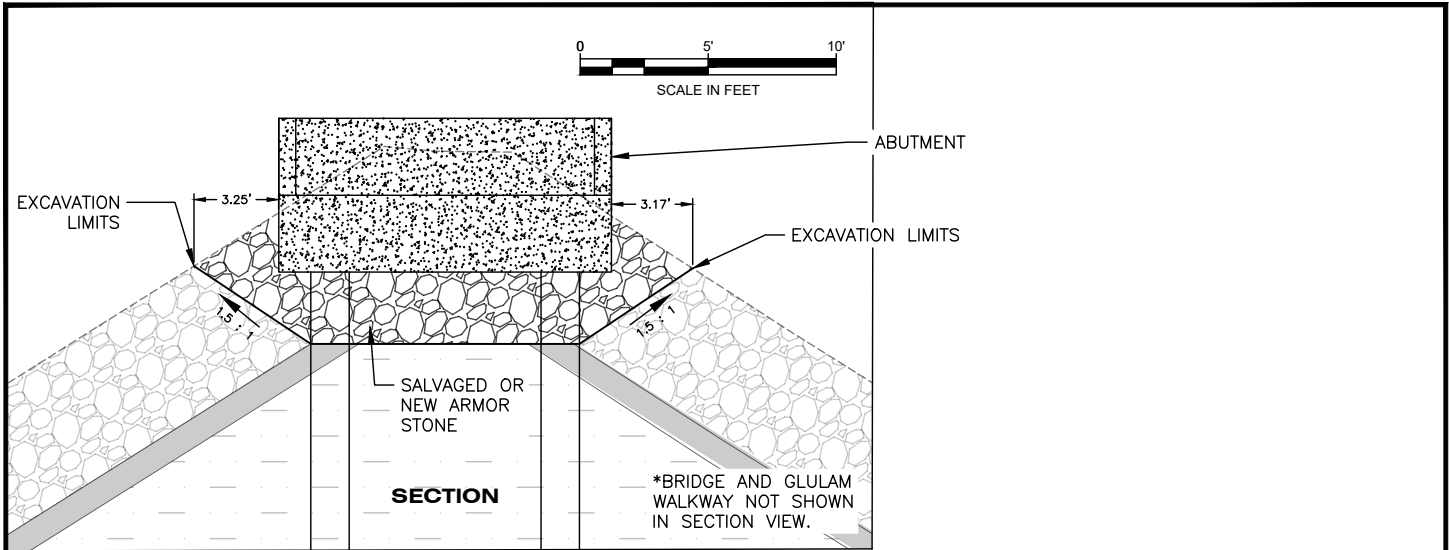
PROJECT LOCATION: Township (T) 43 S, Range (R) 61 E, Section (S) 28, USGS Quadrangle Juneau A-5, Copper River Meridian.

PEDESTRIAN BRIDGE

APPLICATION BY:
ALASKA STATE DEPT. OF TRANSPORTATION AND PUBLIC FACILITIES
SOUTHCOAST REGION

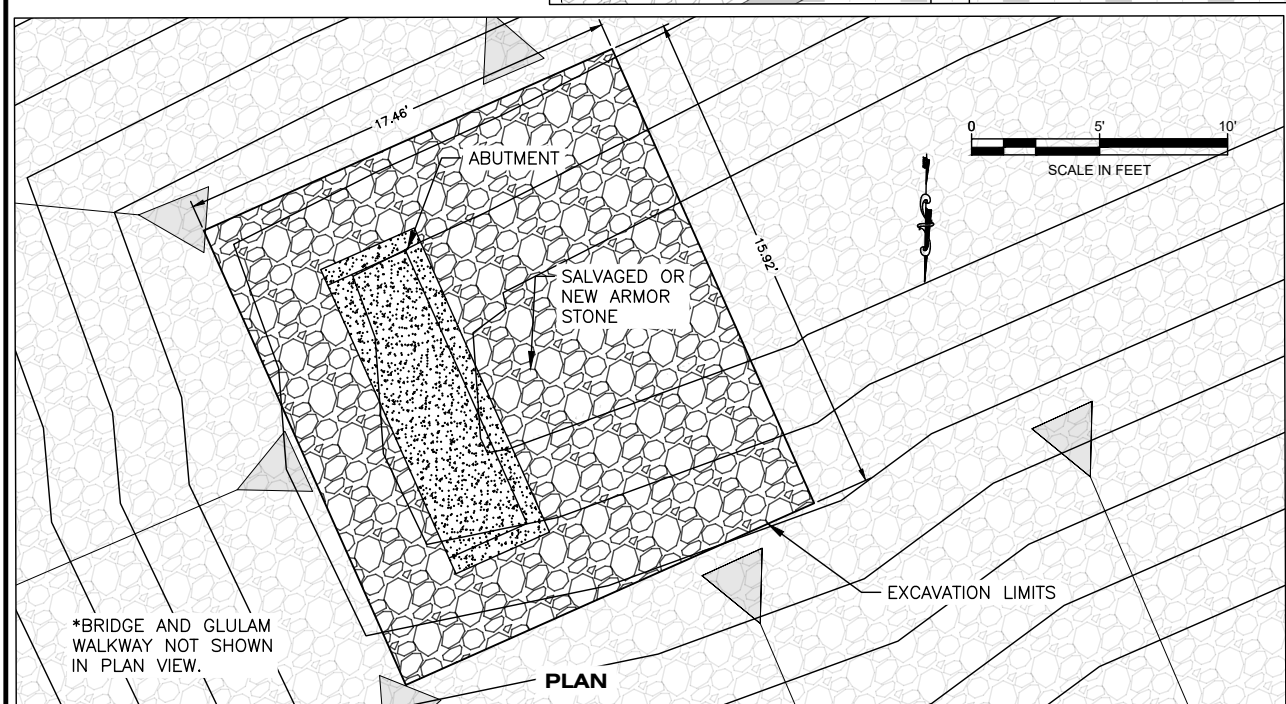
HOONAH HARBOR WAY PEDESTRIAN IMPROVEMENTS & PITT ISLAND CEMETERY PROJECT NO. SFHWY00278

AT: HOONAH, ALASKA



EXCAVATION & BACKFILL NOTES:

1. REMOVE ARMOR STONE AS NEEDED TO PLACE PILING & BRIDGE. SAVE THIS MATERIAL.
2. BACKFILL WITH SALVAGED ARMOR STONE OR NEW.



WATER BODIES: Port Frederick Inlet, Gartina Creek

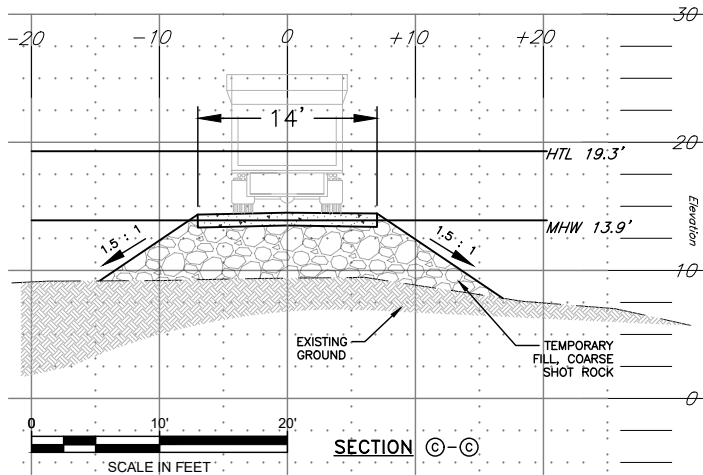
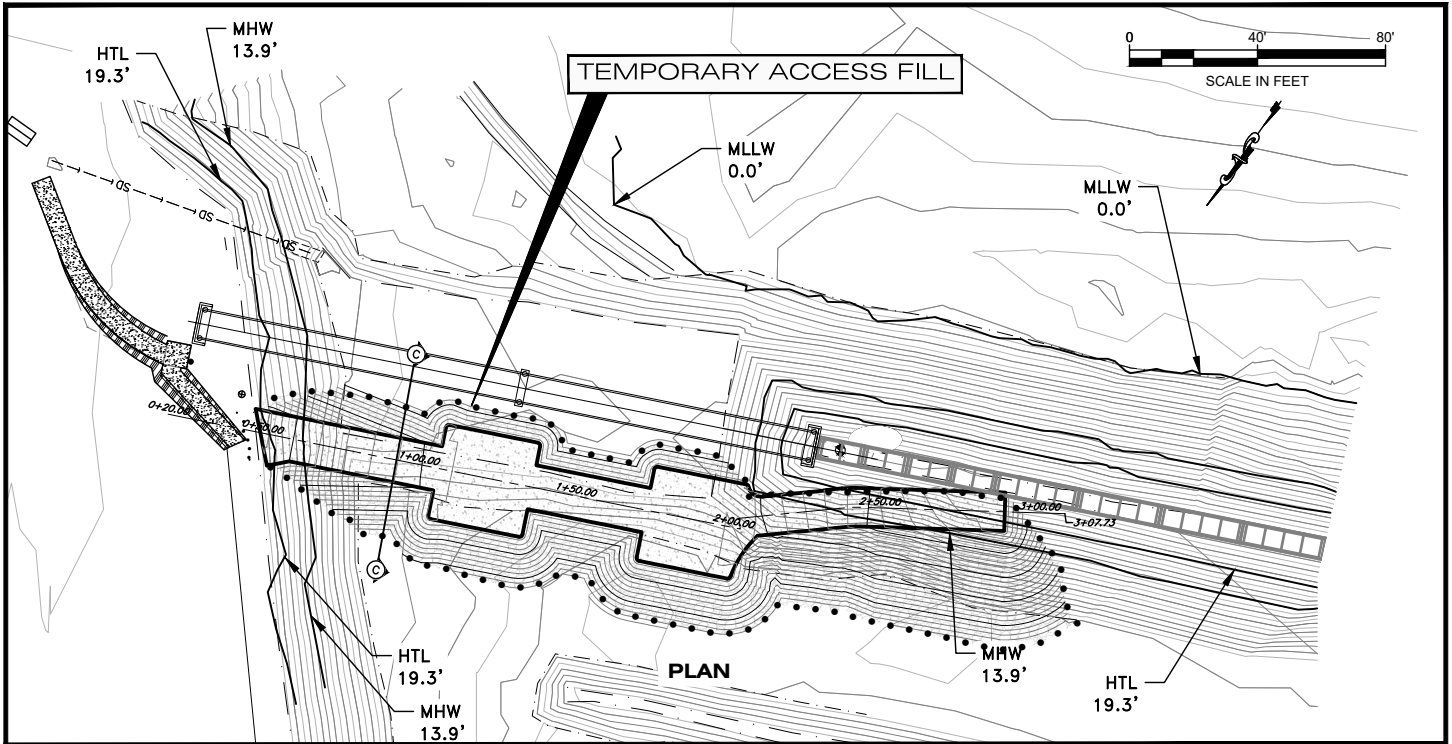
PROJECT LOCATION: Township (T) 43 S, Range (R) 61 E, Section (S) 28, USGS Quadrangle Juneau A-5, Copper River Meridian.

BRIDGE CIVIL DETAILS

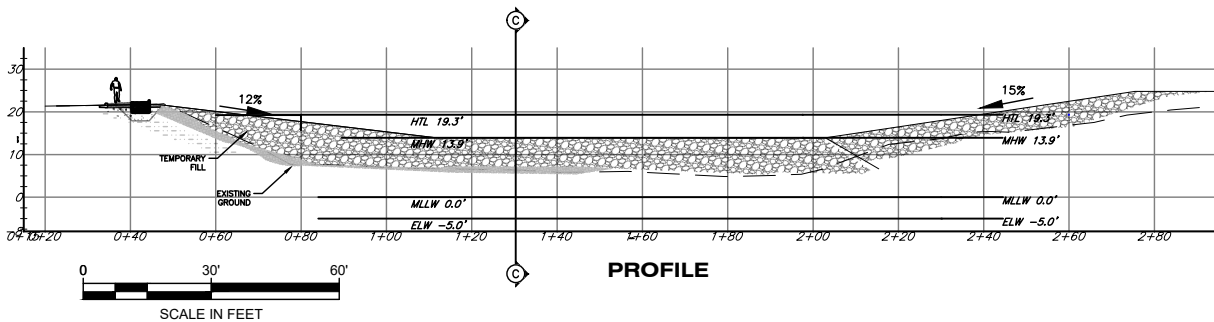
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HOONAH HARBOR WAY PEDESTRIAN IMPROVEMENTS & PITT ISLAND CEMETERY PROJECT NO. SFHWY00278

AT: HOONAH, ALASKA



TEMPORARY FILL		
REGION BELOW	AREA	VOLUME
MHW (Section 10)	0.225 Acre	1831 Cu.Yd.
HTL (Section 404)	0.244 Acre	2135 Cu.Yd.



WATER BODIES: Port Frederick Inlet, Gartina Creek
PROJECT LOCATION: Township (T) 43 S, Range (R) 61 E, Section (S) 28, USGS Quadrangle Juneau A-5, Copper River Meridian.

TEMPORARY ACCESS AT BRIDGE ABUTMENT
 APPLICATION BY:
 ALASKA STATE DEPT. OF TRANSPORTATION AND PUBLIC FACILITIES
 SOUTHCOAST REGION

HOONAH HARBOR WAY PEDESTRIAN IMPROVEMENTS & PITT ISLAND CEMETERY PROJECT NO. SFHWY00278
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