U.S. Department of Homeland Security
United States Coast Guard

Commander
United States Coast Guard
Thirteenth District

915 Second Avenue, Rm 3510
Seattle, WA 98174-1067
Staff Symbol: dpw
Phone: (206) 220-7282

June 8, 2020

PUBLIC NOTICE (05-20)

Subject: BRIDGE REPLACEMENT OF THE ST. JOE RIVER BRIDGE ACROSS THE ST. JOE RIVER AT ST. MARIES, ID.

All interested parties are notified that the Commander, Thirteenth Coast Guard District, has received an application from the Idaho Transportation Department (ITD) for an After-the-Fact bridge permit for approval of the location and plans for the replacement of a fixed highway bridge over a navigable waterway of the United States.

WATERWAY AND LOCATION: St. Joe River mile 3.6, St. Maries, ID, at 47°19'02"N, 116°33'41"W.

CHARACTER OF WORK: The ITD replaced a substandard and structurally deficient fixed bridge with a fixed highway bridge. The new bridge meets current geometric and structural design standards for vehicles, as well as pedestrians, and that provides the same, or greater navigational clearance, and did not increase hydraulic restriction to the flow of the river. The new St. Joe River Bridge is constructed on the same alignment as the prior bridge. The new bridge is a steel arch bridge that has a varying height girder. The new bridge is 21.0 feet longer and 18.13 feet wider. The new vertical clearance of the navigation envelop is 25.29 feet above OHW on the northern side of the span vice the prior vertical clearance was 25.0 feet above OHW. The new navigation envelop horizontal clearance is 98.5 feet above the OHW; whereas the prior horizontal clearance was 90.0 feet above OHW. The total horizontal clearance above OHW between piers is 172.9 feet; that is 82.9 feet more horizontal clearance at OHW than the prior bridge due to the separation of the piers.

The removal and construction work was in three phases. Phase 1 removed the existing sidewalk, and constructed the southern half of the new bridge. Phase 2 removed the remainder of the bridge, and constructed the northern half of the new bridge. Phase 3 constructed a multi-use pathway and architectural features, and removed debris, cofferdams and remaining over-water access platforms. All parts of the superstructure of the old bridge were removed entirely and associated substructures (including piers) were removed to two feet below finished grade and/or the river bottom.

MINIMUM NAVIGATIONAL CLEARANCES:

	Existing	Prior
Horizontal (normal to axis of channel)	98.5.0 feet	90.0 feet
Vertical (above OHW)	25.29 feet	25.0 feet

ENVIRONMENTAL CONSIDERATION: The Federal Highway Administration (FHWA), as lead Federal agency, determined the bridge project qualifies as a Categorical Exclusion under the National Environmental Policy Act. FHWA concluded that the project did not have any significant environmental impacts, insert date of FHWA CE. The U.S. Army Corps of Engineers issued a Nationwide Permit 23 for Section 404 of the Clean Water Act on December 20, 2017.

The State of Idaho Department of Environmental Quality (DEQ) reviewed the work pursuant to Section 401 of the Clean Water Act with applicable provisions of State water pollution control laws. DEQ issued a Water Quality Certification on December 27, 2017, pursuant to Section 401, as amended; 33 U.S.C Section 1341 (a)(1); Idaho Code 39-101 and 39-3601. The 100-year flood level elevation for the bridge is 2142.43 feet normal lake level (NAVD 88). This project is located within a floodway of the St. Joe River; and the project did remove three existing in river bridge piers, and constructed two piers which resulted in a reduction in floodplain encroachment associated with the St. Joe River Bridge crossing. The low steel of the navigation span of the replacement bridge is 25.29 feet above normal lake level.

SOLICITATION OF COMMENTS: Mariners are requested to comment on navigation safety issues, including need for clearance gauges, extent of nighttime navigation passing through the bridge to determine the need for bridge lighting, and impacts to navigation due to construction activities. We will forward comments of an environmental nature such as those regarding wildlife refuges, water fowl refuges, historic sites, wetlands, floodplain issues, air quality, water quality, etc. to the FHWA. Plans of the proposed project are included with this public notice. Interested parties are requested to express their views, in writing, on the proposed bridge project giving sufficient detail to establish a clear understanding of their reasons for support of, or opposition to, the proposed work.

Comments will be received for the record at the office of: Commander (dpw), Thirteenth Coast Guard District, 915 2nd Ave, Rm 3510, Seattle, WA or via email at d13-smb-d13-bridges@uscg.mil. Comments should be mailed to arrive on or before June 23, 2020. Map of location and plans attached.

//s//

STEVEN M. FISCHER
Chief, Bridge Program
Thirteenth Coast Guard District
By direction of the District Commander

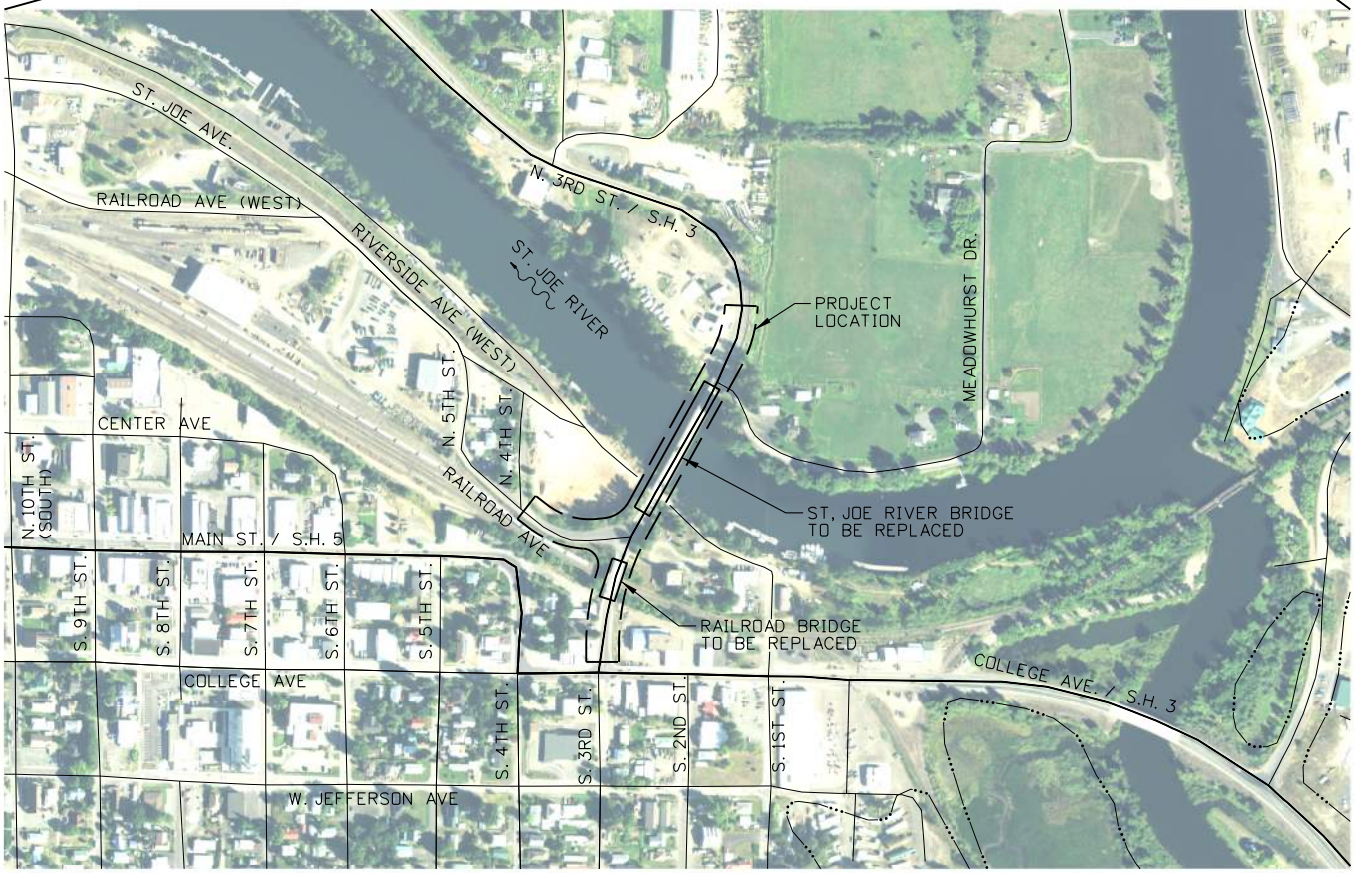
"This is a web-searchable copy and is not the official, signed version; however, other than the signature being omitted, it is a duplicate of the official version.

STATE MAP

VICINITY MAP

0 6 12

SCALES IN MILES



SITE LOCATION MAP

0 300 600

SCALES IN FEET

J·U·B

IDAHO TRANSPORTATION DEPARTMENT

PROFESSIONAL ENGINEER LICENSED 16311 05/13/2020 STATE OF IDAHO CHRISTOPHER S. PETTIGREW

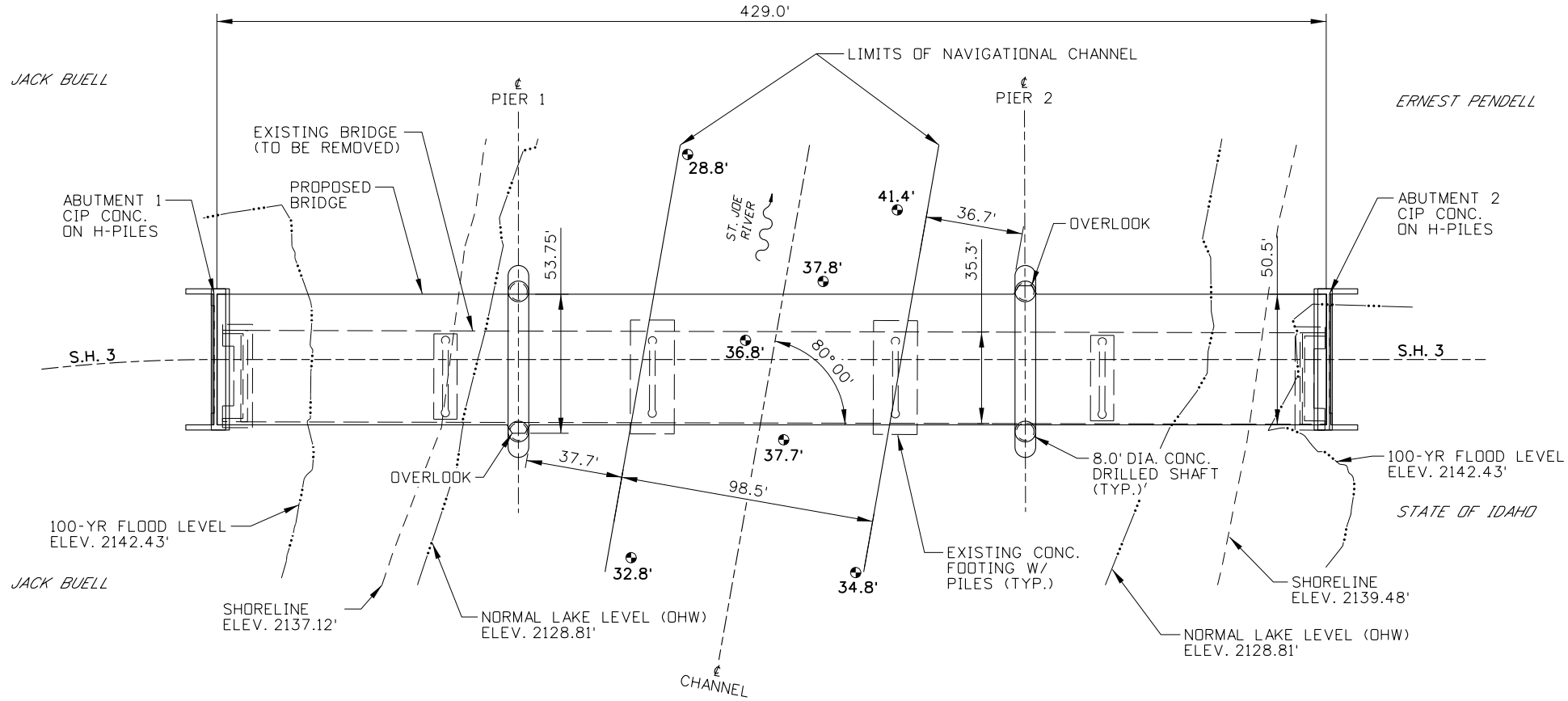
COAST GUARD PERMIT EXHIBIT

ST JOE RIVER BR, ST MARIES, AND ST MARIES RR BR

PROJECT NO.: A013(383)/A013(383) MILE POST: 21.1

DRAWING DATE	MAY 13, 2020
COUNTY/STATE	BENNEWAH, ID
KEY NUMBER	13383 - 13384
SHEET	1 OF 4

T.46N., R.2W., B.M.
SECTION 23



PLAN

HORIZONTAL DATUM: NAD83/11
VERTICAL DATUM: NAVD88

DENOTES WATER DEPTH BELOW NORMAL LAKE LEVEL

EXCAVATION:	
SOUTH ABUTMENT:	747 CY
NORTH ABUTMENT:	455 CY
PIER DRILLED SHAFT:	785 CY
FILL:	
REINFORCED CONC. FILL S. ABUT.	120 CY
STRUCTURAL BACKFILL S. ABUT.	405 CY
REINFORCED CONC. FILL N. ABUT.	120 CY
STRUCTURAL BACKFILL N. ABUT.	265 CY
REINF. CONC. FILL PIER DRILLED SHAFT	895 CY

J-U-B ENGINEERS, INC.
BOISE, IDAHO

IDAHO TRANSPORTATION DEPARTMENT

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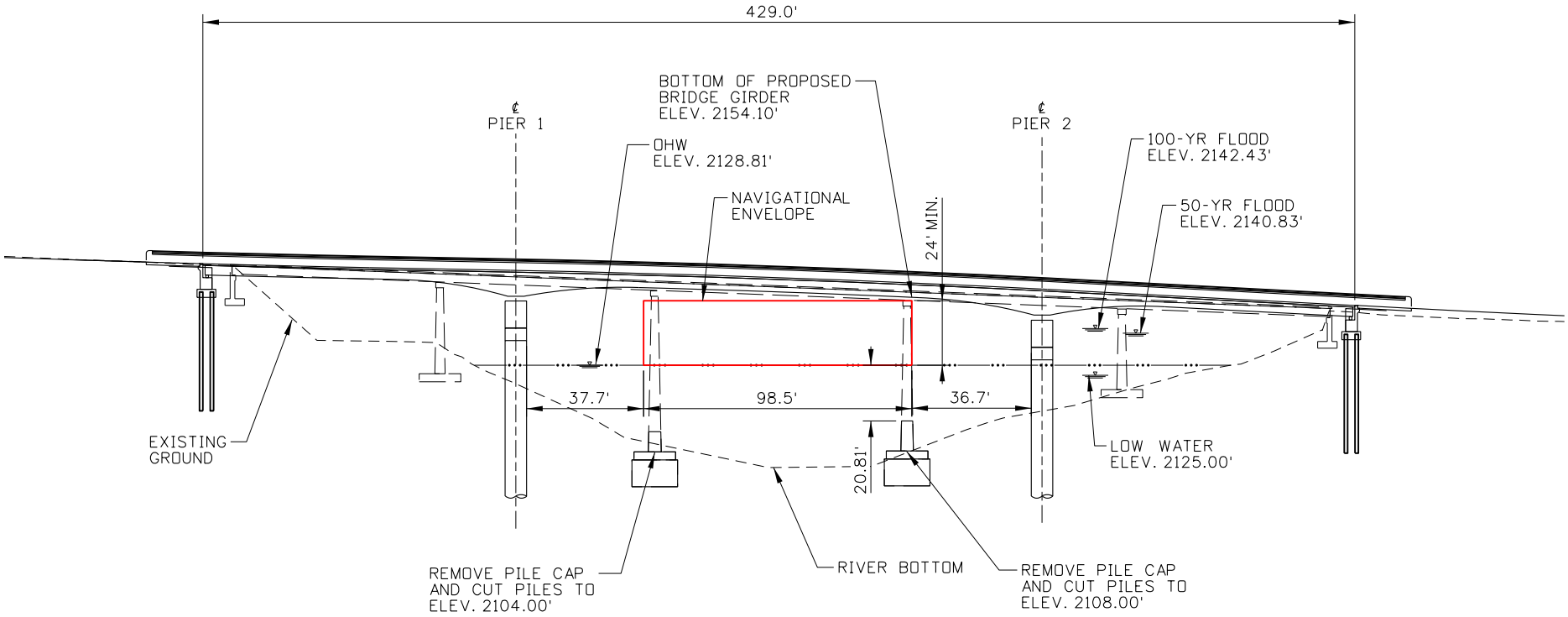
ST JOE RIVER BR, ST MARIES, AND ST MARIES RR BR

PROJECT NO.: A013(383)/A013(384) MILE POST: 21.1

DRAWING DATE MAY 13, 2020
COUNTY/STATE BENNEWAH, ID
KEY NUMBER 13383 - 13384
SHEET 2 OF 4

T.46N., R.2W., B.M.
SECTION 23



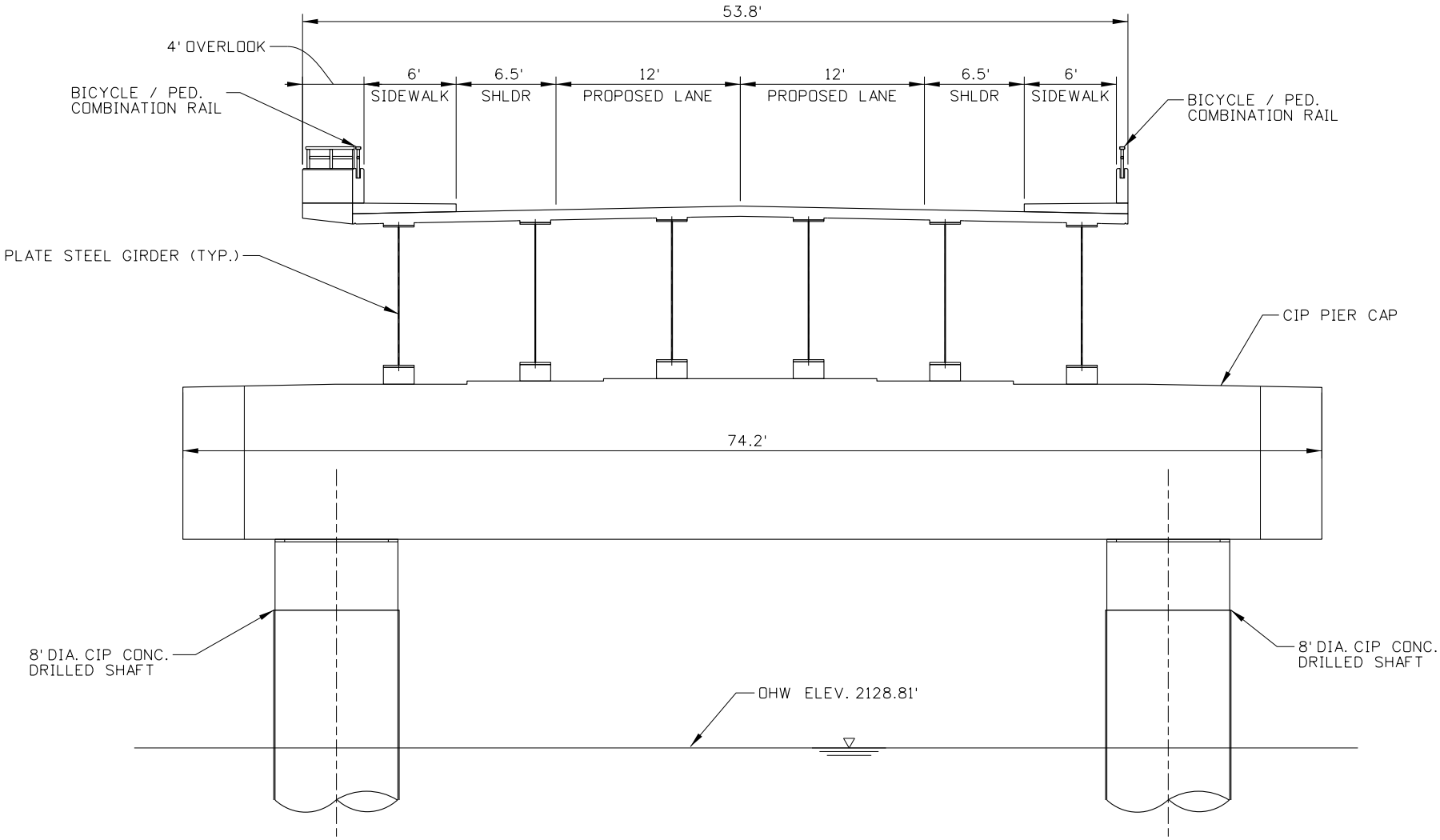
ELEVATION

0 30 60
SCALES IN FEET

HORIZONTAL DATUM: NAD83/11
VERTICAL DATUM: NAVD88

FILL BELOW OHW - 850 CY (DRILLED SHAFT CONC.)

J-U-B ENGINEERS, INC. BOISE, IDAHO	IDAHO TRANSPORTATION DEPARTMENT	PROFESSIONAL ENGINEER LICENSED 16311 05/13/2020 STATE OF IDAHO CHRISTOPHER S. PETTIGREW	COAST GUARD PERMIT EXHIBIT ST JOE RIVER BR, ST MARIES, AND ST MARIES RR BR PROJECT NO.: A013(383)/A013(384) MILE POST: 21.1	DRAWING DATE MAY 13, 2020 COUNTY/STATE BENNEWAH, ID KEY NUMBER 13383 - 13384 SHEET 3 OF 4



HORIZONTAL DATUM: NAD83/11
VERTICAL DATUM: NAVD88

0 5 10
SCALES IN FEET

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IDAHO TRANSPORTATION DEPARTMENT

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COUNTY/STATE BENNEWAH, ID
KEY NUMBER 13383 - 13384
SHEET 4 OF 4