



March 30, 2022

PUBLIC NOTICE (01-22)

Subject: **MODIFICATION TO THE EXISTING BNSF BRIDGE 3.9E ACROSS LAKE PEND OREILLE, NEAR SANDPOINT, IDAHO**

All interested parties are notified that the Commander, Thirteenth Coast Guard District, has received an application from the Burlington Santa Fe Railway Company (BNSF) for a bridge permit for approval of the location and plans for the modification of a bridge over a navigable waterway of the United States.

WATERWAY AND LOCATION: Lake Pend Oreille, near Sandpoint, Idaho at latitude and longitude 48°15'25.33"N; 116°31'40.09"W.

CHARACTER OF WORK: BNSF proposes to modify the existing BNSF Bridge 3.9E by replacing eight existing spans (Spans 64 through 71), which includes the approximately 200-foot long non-operational pivot pier within the navigation channel of the existing bridge. BNSF also proposes to remove and replace unsound concrete at the top of nine existing piers (Spans 64 through 71, plus the existing pivot pier between Spans 67 and 68) using grout and carbon fiber wrap (CarboShield) above the ordinary high water mark (OHWM). Eight new cast-in-place bearing blocks would be placed on top of eight existing concrete piers (Spans 64 through 71) to closely match the vertical clearance of Bridge 3.9E to that of the new Bridge 3.9W (currently under construction). Lastly, BNSF proposes to extend the existing 150-foot-long work trestle at Dog Beach (at the north approach of the existing bridge) by 200 feet to construct the new replacement spans as well as two falsework structures immediately to the west of the extended work trestle. This would require the installation of twelve additional temporary steel pipe support piles (See Attachment B for the temporary falsework plan). The need for the proposed bridge modification is to extend the service life of the existing Bridge 3.9E. No temporary bridge is proposed for construction.

MINIMUM NAVIGATIONAL CLEARANCES:

Existing Horizontal (Bridge 3.9 E)	Horizontal (Bridge 3.9 W – <i>Currently Under Construction</i>)	Proposed Horizontal
Channel at the South Pivot Pier Span: 84.0 ft (Between East Span 68 and the pivot pier)	Channel at West Span 37: 93.0 ft	Channel at the South Pivot Pier Span: 82.0 ft (Between East Spans 68 and 67 and at West Span 37)

<p>Channel at the North Pivot Pier Span: 84.0 ft (Between East Span 67 and the pivot pier))</p> <p>Main Navigation Channel: 95.0 ft (Between East Spans 67 and 66)</p>	<p>Channel at West Span 36: 93.0 ft</p> <p>Channel at West Span 35: 95.0 ft</p>	<p>Channel at the North Pivot Pier Span: 83.0 ft (Between East Spans 67 and 66 and at West Span 36)</p> <p>Main Navigation Channel 92.0 ft (Between East Spans 67 and 66 and at West Span 35)</p>
Existing Vertical	Vertical (Bridge 3.9 W – Currently Under Construction)	Proposed Vertical
<p>Channel at the South Pivot Pier Span: 14.1 ft at OHW (Between East Span 68 and the pivot pier)</p> <p>Channel at the North Pivot Pier Span: 14.2 ft at OHW (Between East Span 67 and the pivot pier)</p> <p>Main Navigation Channel: 16.1 ft at OHW (Between East Spans 67 and 66)</p> <p>Datum referenced in NAVD88</p>	<p>Channel at West Span 37: 14.7 ft at OHW</p> <p>Channel at West Span 36: 14.6 ft at OHW</p> <p>Main Navigation Channel at West Span 35: 16.1 ft at OHW</p> <p>Datum referenced in NAVD88</p>	<p>Channel at the South Pivot Pier Span 14.7 ft at OHW (Between East Spans 68 and 67 and West Spans 38 and 37)</p> <p>Channel at the North Pivot Pier Span: 14.6 ft at OHW (Between East Spans 67 and 66 and West Span 37 and 36)</p> <p>Main Navigation Channel: 16.0 ft at OHW (Between East Spans 67 and 66 and West Spans 36 and 35)</p> <p>Datum referenced in NAVD88</p>

ENVIRONMENTAL CONSIDERATION: The Coast Guard is the lead federal agency for this project and, as such, responsible for the review of its potential effects on the human environment, including historic properties and tribal impacts, pursuant to NEPA and NHPA. The Coast Guard, therefore, is required by law to ensure potential environmental effects are carefully evaluated in each bridge permitting decision.

Pursuant to NEPA, the U.S. Coast Guard (USCG) as the lead federal agency, in coordination with BNSF Railway Company (BNSF) and their consultant Jacobs Engineering Group Inc. (Jacobs), completed the draft environmental assessment (DEA) dated December 20, 2018, and the final environmental assessment (FEA) dated August 14, 2019, for the BNSF Sandpoint Junction Connector Project (Project) across Lake Pend Oreille (LPO) and Sand Creek in Bonner

County, Idaho, hereafter referred to as the original DEA and FEA. The USCG issued a Finding of No Significant Impact (FONSI) on August 29, 2019, which identified the Proposed Action Alternative as the Selected Alternative for construction. It was concluded that the Proposed Action Alternative would result in short-term impacts to the human and natural environment during the 3- to 5-year-long construction period. BNSF now proposes to modify the project, as evaluated in the original DEA and FEA, to conduct repairs on the existing Bridge 3.9E as described in the character of work section of the public notice and a draft supplemental environmental assessment (SEA) has been prepared to evaluate these proposed project changes from the original DEA and FEA.

As part of this evaluation process, the Coast Guard solicits comments from state and Federal agencies with expertise in, and authority over, particular resources that may be impacted by a project. Additionally, the Coast Guard seeks input from any tribes that may be affected or otherwise have expertise or equities in the project. Agencies that have already participated in the environmental review of this project include the U.S. Army Corps of Engineers (USACE), the U.S. Fish and Wildlife Service (USFWS), the U.S. Environmental Protection Agency (EPA), Idaho Department of Lands (IDL) and the Idaho Department of Environmental Quality (IDEQ). Comments provided by those agencies as well as the Kootenai Tribe were incorporated in the draft SEA. The draft SEA describes the proposed project, evaluates reasonable and feasible alternatives, and defines the natural, cultural and socioeconomic resources located in the project area. Based on the draft SEA, the Coast Guard has tentatively determined the proposed project will pose no significant impacts on the human and natural environment. The draft SEA has been prepared in accordance with NEPA and the Council on Environmental Quality (CEQ) regulations implementing NEPA (40 CFR §§ 1500-1588). This notice announces the availability of the draft SEA for a 30-day public review and comment period. After consideration of all additional public comments, the Coast Guard may issue a Finding of No Significant Impact.

The USCG initiated Section 106 consultation with the Idaho SHPO on May 25, 2021, via transmittal of the Cultural Resources Technical Report for proposed repair activities under the Proposed Action Alternative (Jacobs 2021b). The Idaho SHPO provided concurrence with the findings of “no adverse effect to historic properties” on June 10, 2021.

The USCG submitted a Biological Evaluation to the USFWS regarding potential effects to federally listed species and critical habitat on May 11, 2021. The USFWS provided a letter concurring with the USCG’s determination that the proposed action may affect but is not likely to affect bull trout or its designated critical habitat on August 18, 2021. Detailed ESA listed species and critical habitat information is detailed in the draft SEA.

A water quality certificate has been applied for with the Idaho Department of Environmental Quality (IDEQ) and was issued on February 4, 2022. The proposed project will not require additional ground disturbance and therefore would not result in any additional wetland impacts.

The 100 year flood elevation level is 2073.5 ft NAVD88 and the proposed project is located in the base floodplain. BNSF is in coordination with Bonner County to obtain a floodplain development permit specific to the proposed bridge modification. The low chord for the main navigation channel is 16.1 ft above OHW elevation 2062.5 ft NAVD88.

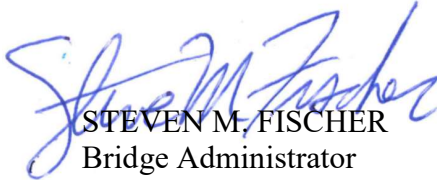
SOLICITATION OF COMMENTS: Solicitation for public comment may express their views, in writing, on the proposed modification to the existing bridge and its possible impact on navigation and the environment, if any, giving sufficient detail to establish a clear understanding of their reasons for support of, or opposition to, the proposed work.

The draft SEA may be viewed at the following locations:

a) Thirteenth Coast Guard District (dpw)
915 2nd Avenue
Seattle, WA 98174-1067
(Monday through Friday, 8:00 a.m. through 4:00 p.m., except Federal holidays)

b) The U.S. Coast Guard Bridge Program Public Website:
<https://go.usa.gov/xzpQc>

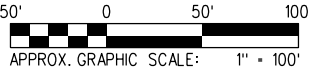
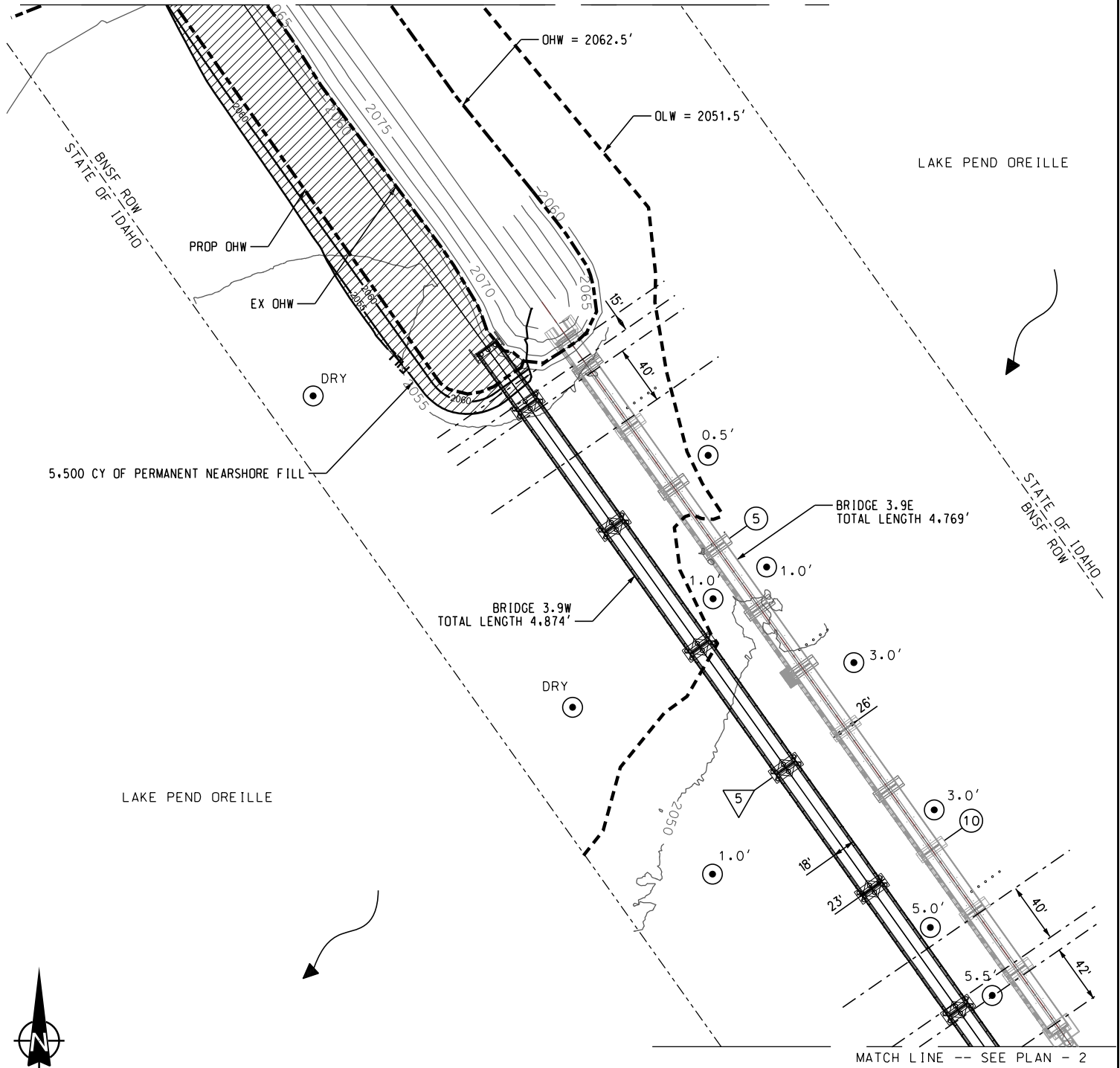
Comments will be received for the record at the office of: Commander (dpw), Thirteenth Coast Guard District, 915 2nd Ave, Rm 3510, Seattle, WA or via email at d13-smb-d13-bridges@uscg.mil. Comments should be mailed to arrive on or before April 30, 2022. Map of location and plans (Attachment A) as well as the proposed temporary trestle plan (Attachment B) are attached.



STEVEN M. FISCHER
Bridge Administrator
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.

BNSF BRIDGE 0045-0003.9 PLAN VIEW - 1



BASED ON: HANSON PROFESSIONAL SERVICES, INC. 90% PLANS. ELEVATIONS ARE RELATIVE TO NGVD1929.

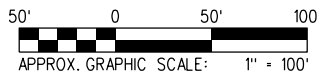
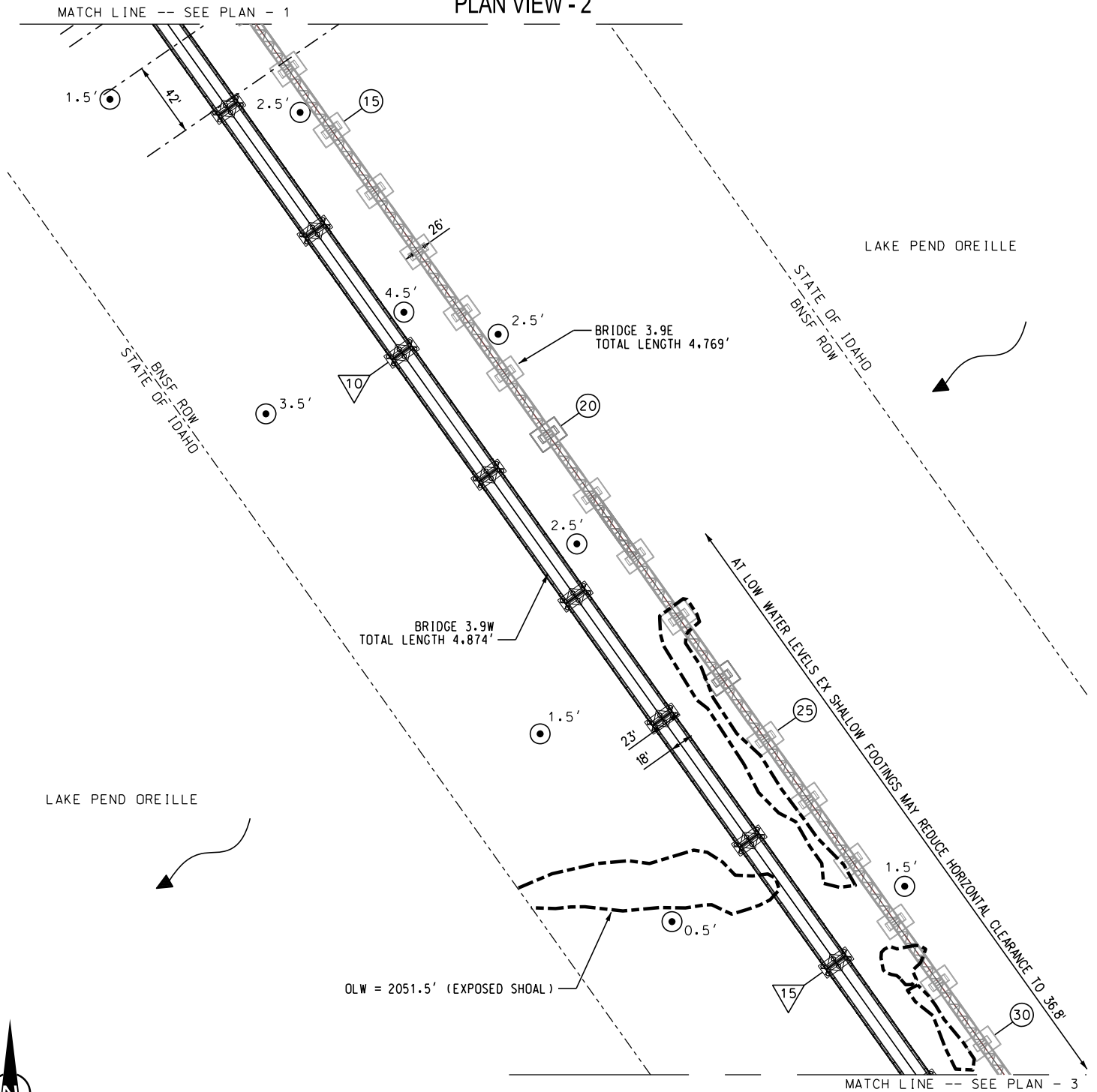
LEGEND	
	BNSF RIGHT-OF-WAY (ROW)
	ORDINARY HIGH WATER (OHW)
	ORDINARY LOW WATER (OLW)
	EXISTING STRUCTURE (ROADS, DOCKS, BRIDGE 3.9)
	LIMITS OF CHANNEL
	WATER DEPTH AT OLW
	PERMANENT FILL BELOW OHW
	BRIDGE 3.9W PIER NUMBER
	BRIDGE 3.9E PIER NUMBER



APPLICANT / OWNER: BNSF RAILWAY COMPANY
CONSULTANT / AGENT: HANSON PROFESSIONAL SERVICES / JACOBS ENGINEERING GROUP
NAME OF BRIDGE: LAKE PEND OREILLE BRIDGE (BNSF BRIDGE 3.9)
NAME OF WATERWAY: LAKE PEND OREILLE
MILE POINT OF BRIDGE LOCATION: 118.9
CITY: SANDPOINT **COUNTY:** BONNER **STATE:** IDAHO
DATE: 01/31/2022

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BNSF BRIDGE 0045-0003.9 PLAN VIEW - 2



BASED ON: HANSON PROFESSIONAL SERVICES, INC. 90% PLANS. ELEVATIONS ARE RELATIVE TO NGVD1929.

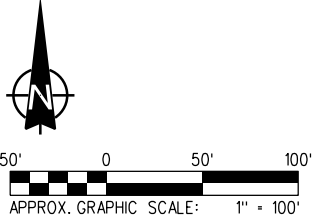
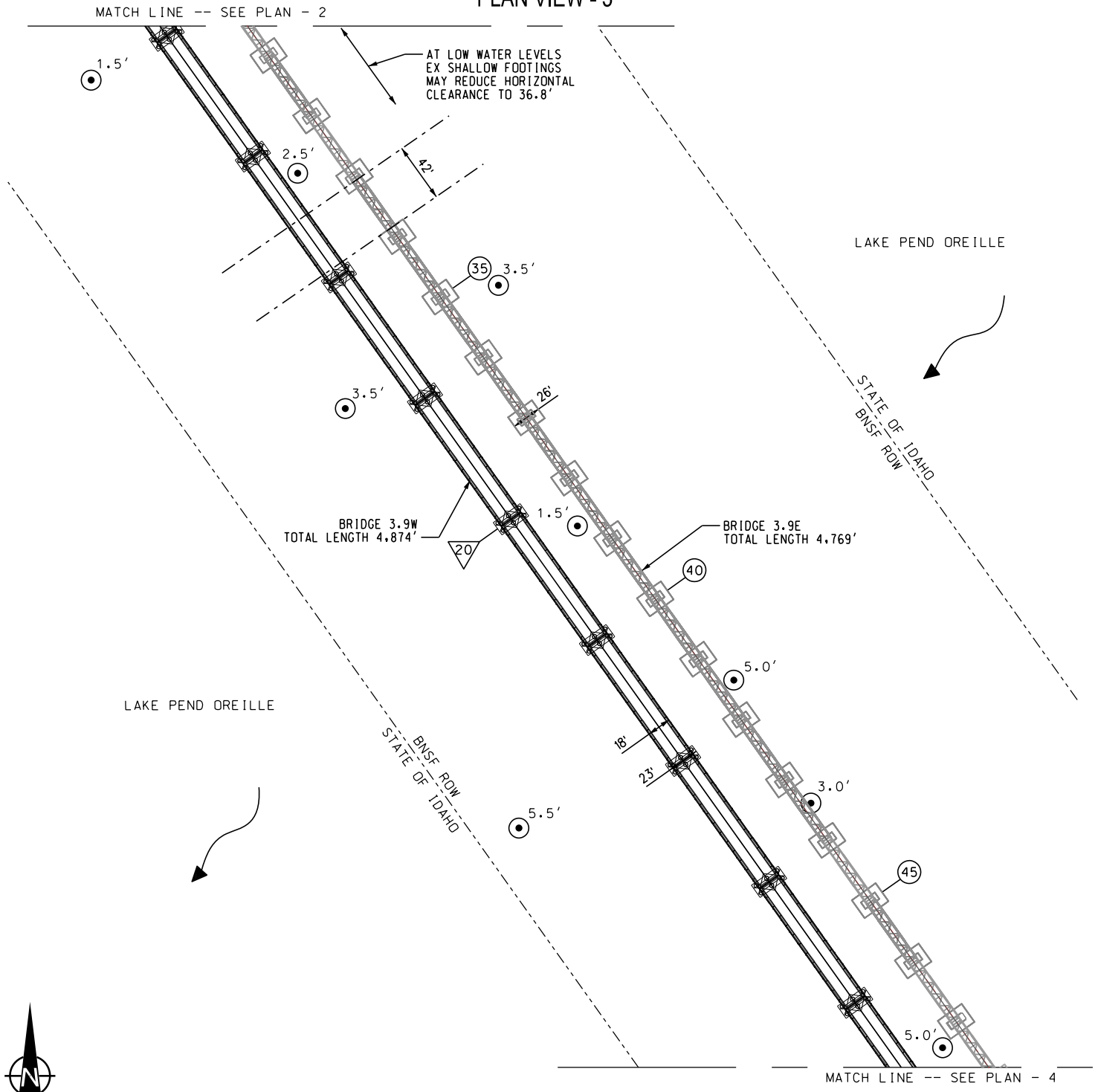
LEGEND	
	BNSF RIGHT-OF-WAY (ROW)
	ORDINARY HIGH WATER (OHW)
	EXISTING STRUCTURE (ROADS, DOCKS, BRIDGE 3.9)
	LIMITS OF CHANNEL
	WATER DEPTH AT OLW
	BRIDGE 3.9W PIER NUMBER
	BRIDGE 3.9E PIER NUMBER



APPLICANT / OWNER: BNSF RAILWAY COMPANY
CONSULTANT / AGENT: HANSON PROFESSIONAL SERVICES / JACOBS ENGINEERING GROUP
NAME OF BRIDGE: LAKE PEND OREILLE BRIDGE (BNSF BRIDGE 3.9)
NAME OF WATERWAY: LAKE PEND OREILLE
MILE POINT OF BRIDGE LOCATION: 118.9
CITY: SANDPOINT **COUNTY:** BONNER **STATE:** IDAHO
DATE: 01/31/2022

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BNSF BRIDGE 0045-0003.9 PLAN VIEW - 3



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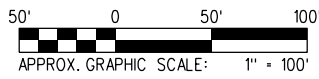
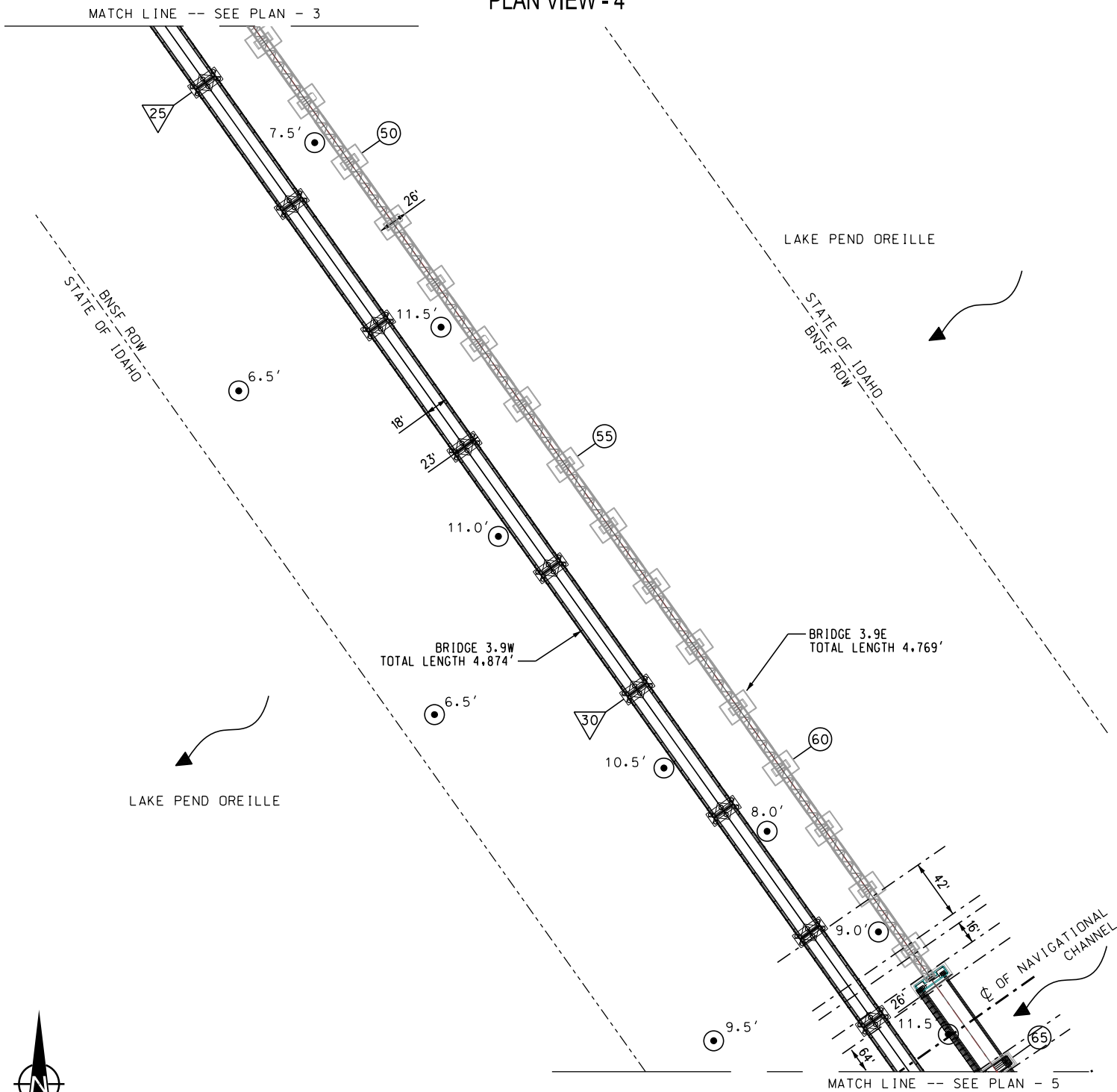
LEGEND	
	BNSF RIGHT-OF-WAY (ROW)
	EXISTING STRUCTURE (ROADS, DOCKS, BRIDGE 3.9)
	LIMITS OF CHANNEL
	WATER DEPTH AT OLW
	BRIDGE 3.9W PIER NUMBER
	BRIDGE 3.9E PIER NUMBER

Mat Fletcher
 2/17/2022

APPLICANT / OWNER: BNSF RAILWAY COMPANY
CONSULTANT / AGENT: HANSON PROFESSIONAL SERVICES / JACOBS ENGINEERING GROUP
NAME OF BRIDGE: LAKE PEND OREILLE BRIDGE (BNSF BRIDGE 3.9)
NAME OF WATERWAY: LAKE PEND OREILLE
MILE POINT OF BRIDGE LOCATION: 118.9
CITY: SANDPOINT **COUNTY:** BONNER **STATE:** IDAHO
DATE: 01/31/2022

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BNSF BRIDGE 0045-0003.9 PLAN VIEW - 4



BASED ON: HANSON PROFESSIONAL SERVICES, INC. 90% PLANS. ELEVATIONS ARE RELATIVE TO NGVD1929.

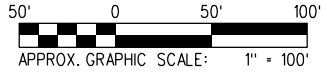
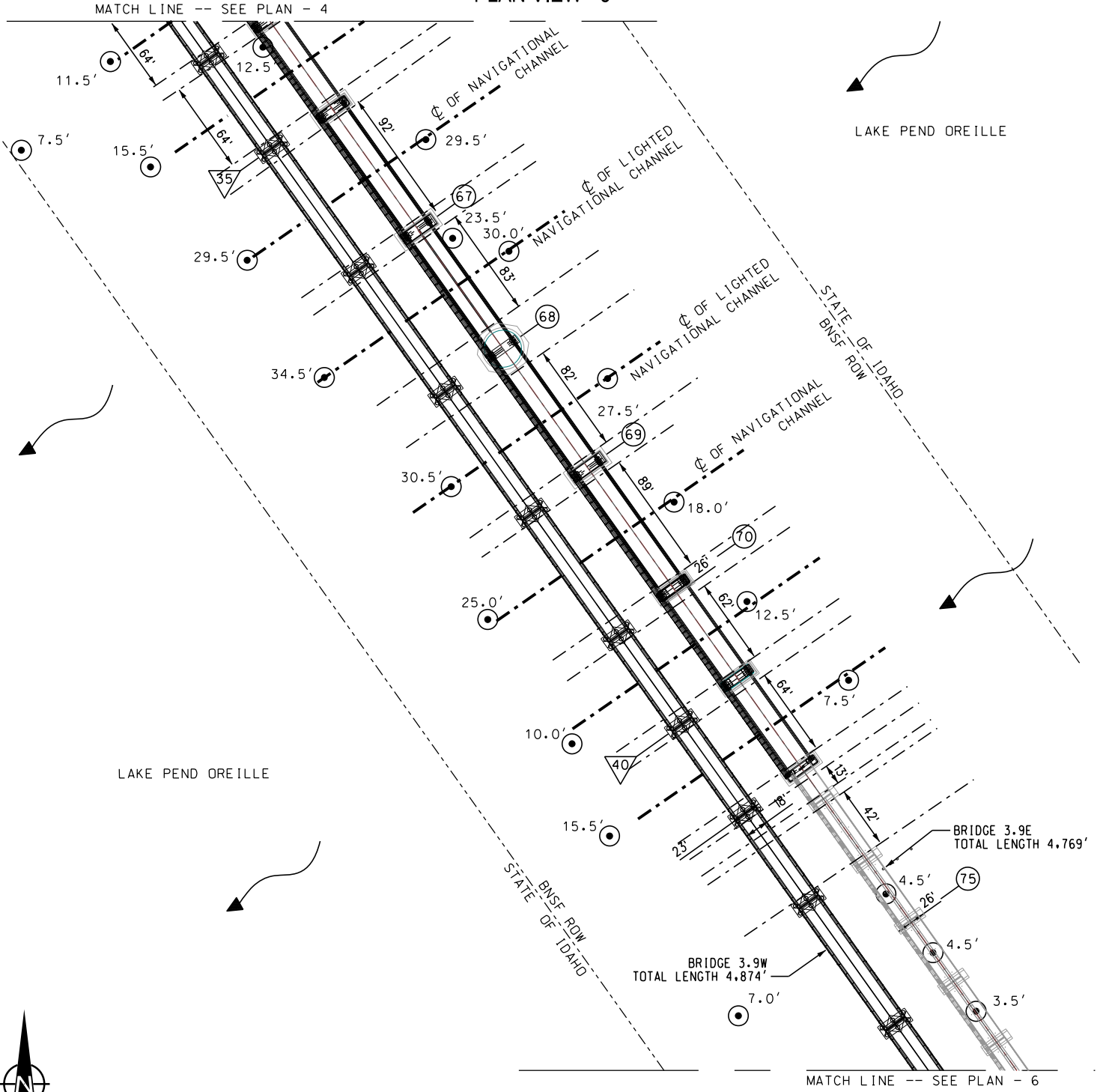
LEGEND	
	BNSF RIGHT-OF-WAY (ROW)
	CENTERLINE OF NAVIGATIONAL CHANNEL
	LIMITS OF CHANNEL
	EXISTING STRUCTURE (ROADS, DOCKS, BRIDGE 3.1)
	WATER DEPTH AT OLW
	BRIDGE 3.9W PIER NUMBER
	BRIDGE 3.9E PIER NUMBER



APPLICANT / OWNER: BNSF RAILWAY COMPANY
CONSULTANT / AGENT: HANSON PROFESSIONAL SERVICES / JACOBS ENGINEERING GROUP
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NAME OF WATERWAY: LAKE PEND OREILLE
MILE POINT OF BRIDGE LOCATION: 118.9
CITY: SANDPOINT **COUNTY:** BONNER **STATE:** IDAHO
DATE: 01/31/2022

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BNSF BRIDGE 0045-0003.9 PLAN VIEW - 5



BASED ON: HANSON PROFESSIONAL SERVICES, INC. 90% PLANS. ELEVATIONS ARE RELATIVE TO NGVD1929.

LEGEND	
	BNSF RIGHT-OF-WAY (ROW)
	CENTERLINE OF NAVIGATIONAL CHANNEL
	LIMITS OF CHANNEL
	EXISTING STRUCTURE (ROADS, DOCKS, BRIDGE 3.1)
	1.0' WATER DEPTH AT OLW
	BRIDGE 3.9W PIER NUMBER
	BRIDGE 3.9E PIER NUMBER



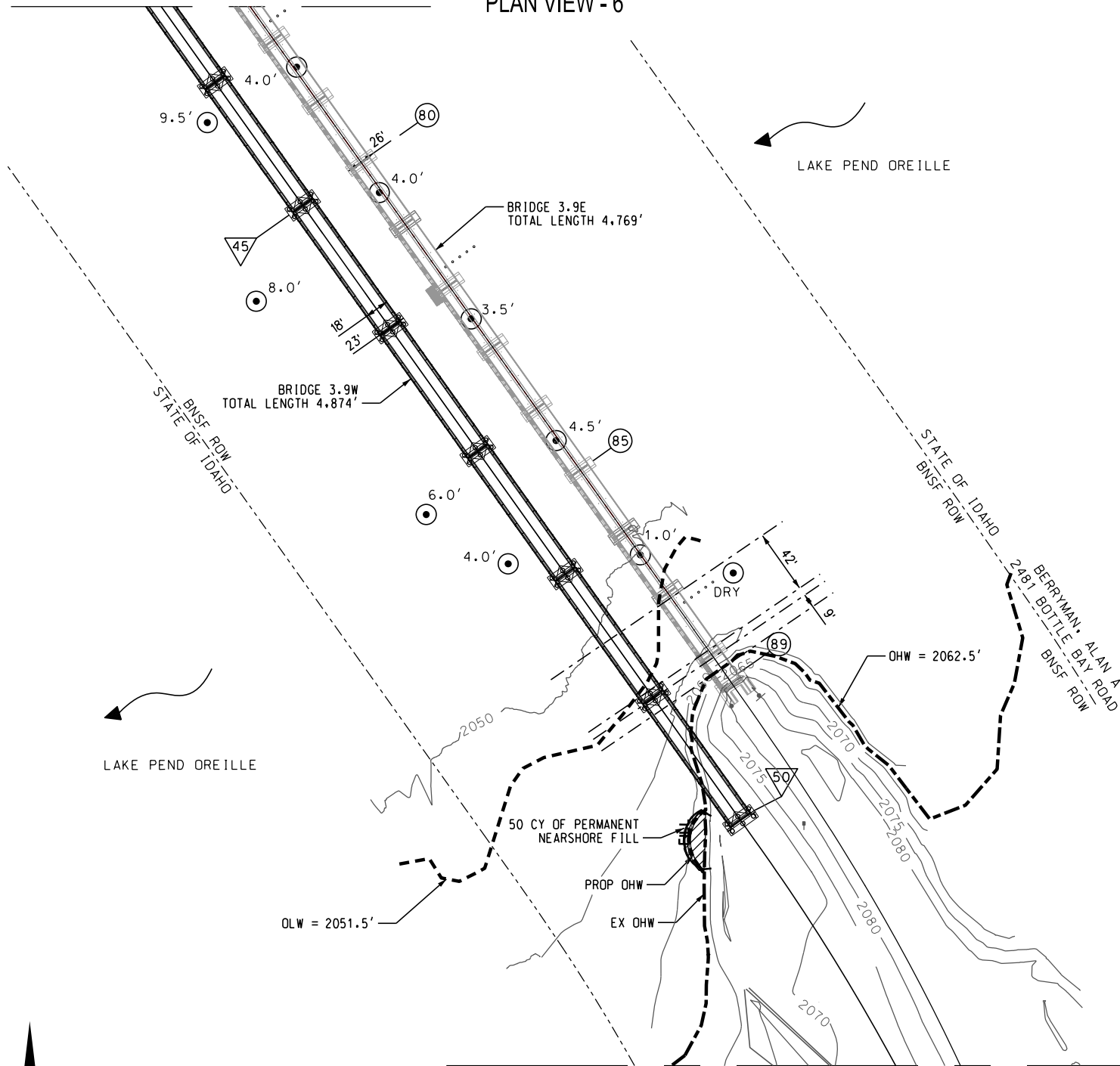
APPLICANT / OWNER: BNSF RAILWAY COMPANY
CONSULTANT / AGENT: HANSON PROFESSIONAL SERVICES / JACOBS ENGINEERING GROUP
NAME OF BRIDGE: LAKE PEND OREILLE BRIDGE (BNSF BRIDGE 3.9)
NAME OF WATERWAY: LAKE PEND OREILLE
MILE POINT OF BRIDGE LOCATION: 118.9
CITY: SANDPOINT **COUNTY:** BONNER **STATE:** IDAHO
DATE: 01/31/2022

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BNSF BRIDGE 0045-0003.9

PLAN VIEW - 6

MATCH LINE -- SEE PLAN - 5



BASED ON: HANSON PROFESSIONAL SERVICES, INC. 90% PLANS. ELEVATIONS ARE RELATIVE TO NGVD1929.

LEGEND	
	BNSF RIGHT-OF-WAY (ROW)
	ORDINARY HIGH WATER (OHW)
	ORDINARY LOW WATER (OLW)
	EXISTING STRUCTURE (ROADS, DOCKS, BRIDGE 3.9)
	LIMITS OF CHANNEL
	WATER DEPTH AT OLW
	PERMANENT FILL BELOW OHW
	BRIDGE 3.9W PIER NUMBER
	BRIDGE 3.9E PIER NUMBER



APPLICANT / OWNER: BNSF RAILWAY COMPANY
CONSULTANT / AGENT: HANSON PROFESSIONAL SERVICES / JACOBS ENGINEERING GROUP
NAME OF BRIDGE: LAKE PEND OREILLE BRIDGE (BNSF BRIDGE 3.9)
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MILE POINT OF BRIDGE LOCATION: 118.9
CITY: SANDPOINT **COUNTY:** BONNER **STATE:** IDAHO
DATE: 01/31/2022

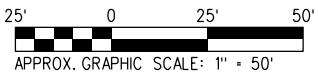
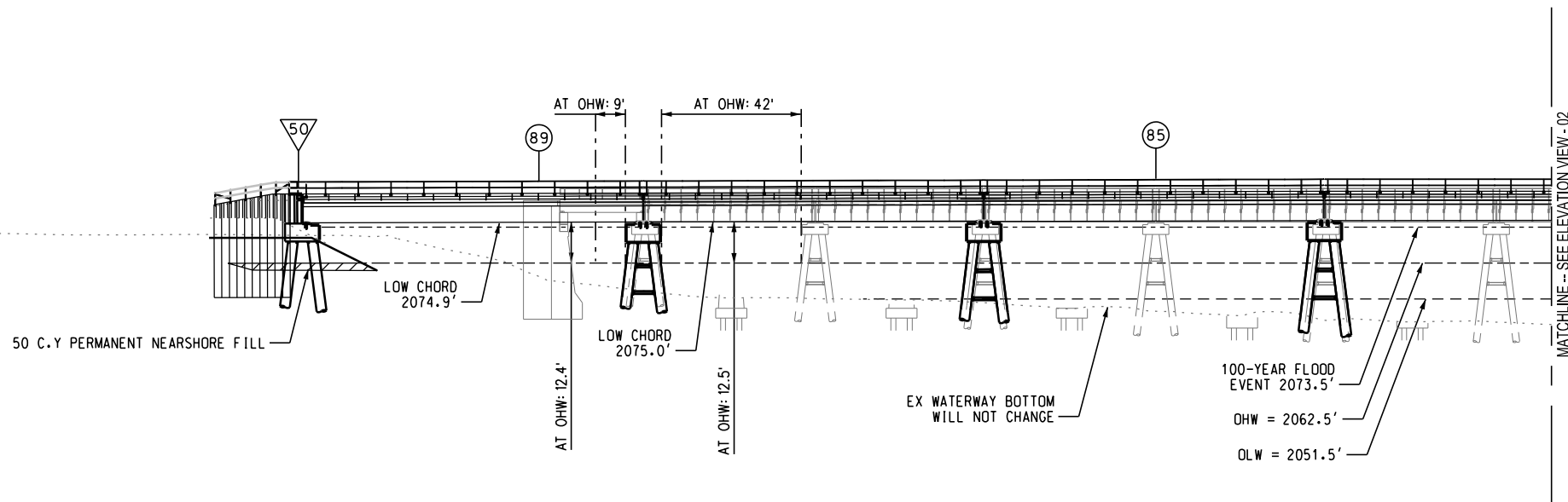
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SPOKANE, WA

BNSF BRIDGE 0045-0003.9

SANDPOINT, ID

ELEVATION VIEW - 01



BASED ON: HANSON PROFESSIONAL SERVICES, INC. 90% PLANS. ELEVATIONS ARE RELATIVE TO NGVD1929.

LEGEND

- ORDINARY HIGH WATER (OHW)
- ORDINARY LOW WATER (OLW)
- 100-YEAR FLOOD
- ▨ PERMANENT FILL BELOW OHW
- EXISTING GROUND / WATERWAY BOTTOM
- EXISTING STRUCTURE
- △ 5 BRIDGE 3.9W PIER NUMBER
- 10 BRIDGE 3.9E PIER NUMBER



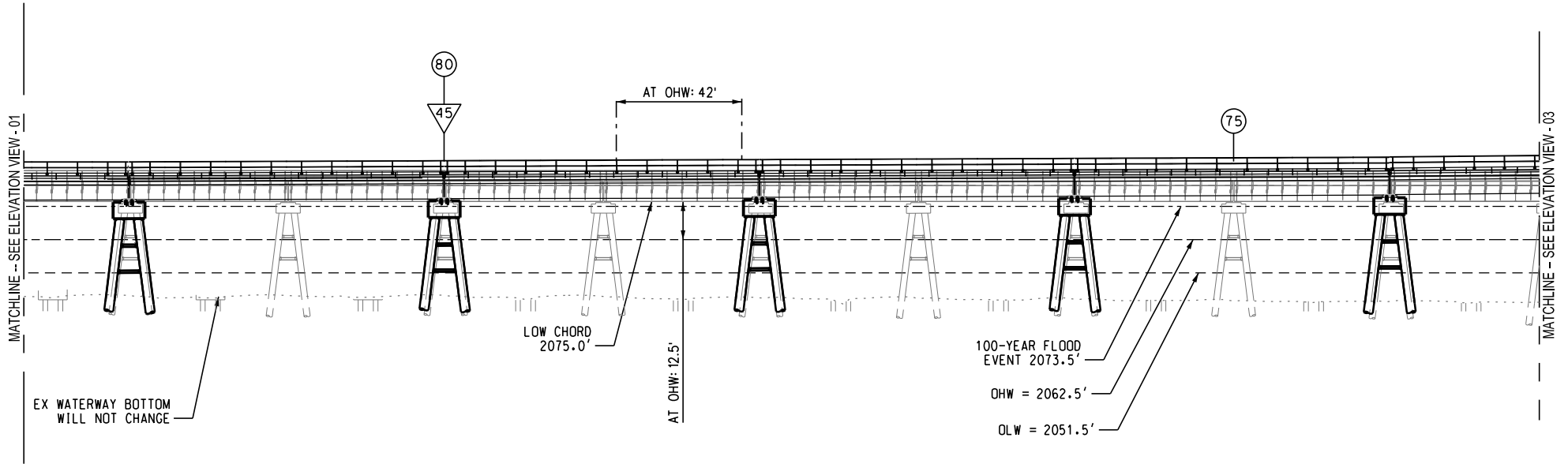
APPLICANT / OWNER: BNSF RAILWAY COMPANY
CONSULTANT / AGENT: HANSON PROFESSIONAL SERVICES / JACOBS ENGINEERING GROUP
NAME OF BRIDGE: LAKE PEND OREILLE BRIDGE (BNSF BRIDGE 3.9)
NAME OF WATERWAY: LAKE PEND OREILLE
MILE POINT OF BRIDGE LOCATION: 118.9
CITY: SANDPOINT **COUNTY:** BONNER **STATE:** IDAHO
DATE: 01/31/2022

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SPOKANE, WA

BNSF BRIDGE 0045-0003.9 ELEVATION VIEW - 02

SANDPOINT, ID



APPROX. GRAPHIC SCALE: 1" = 50'

BASED ON: HANSON PROFESSIONAL SERVICES, INC. 90% PLANS. ELEVATIONS ARE RELATIVE TO NGVD1929.

LEGEND

- ORDINARY HIGH WATER (OHW)
- ORDINARY LOW WATER (OLW)
- 100-YEAR FLOOD
- EXISTING GROUND / WATERWAY BOTTOM
- EXISTING STRUCTURE
- 5 BRIDGE 3.9W PIER NUMBER
- 10 BRIDGE 3.9E PIER NUMBER



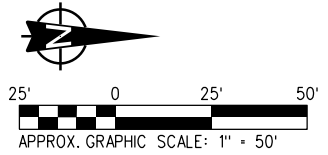
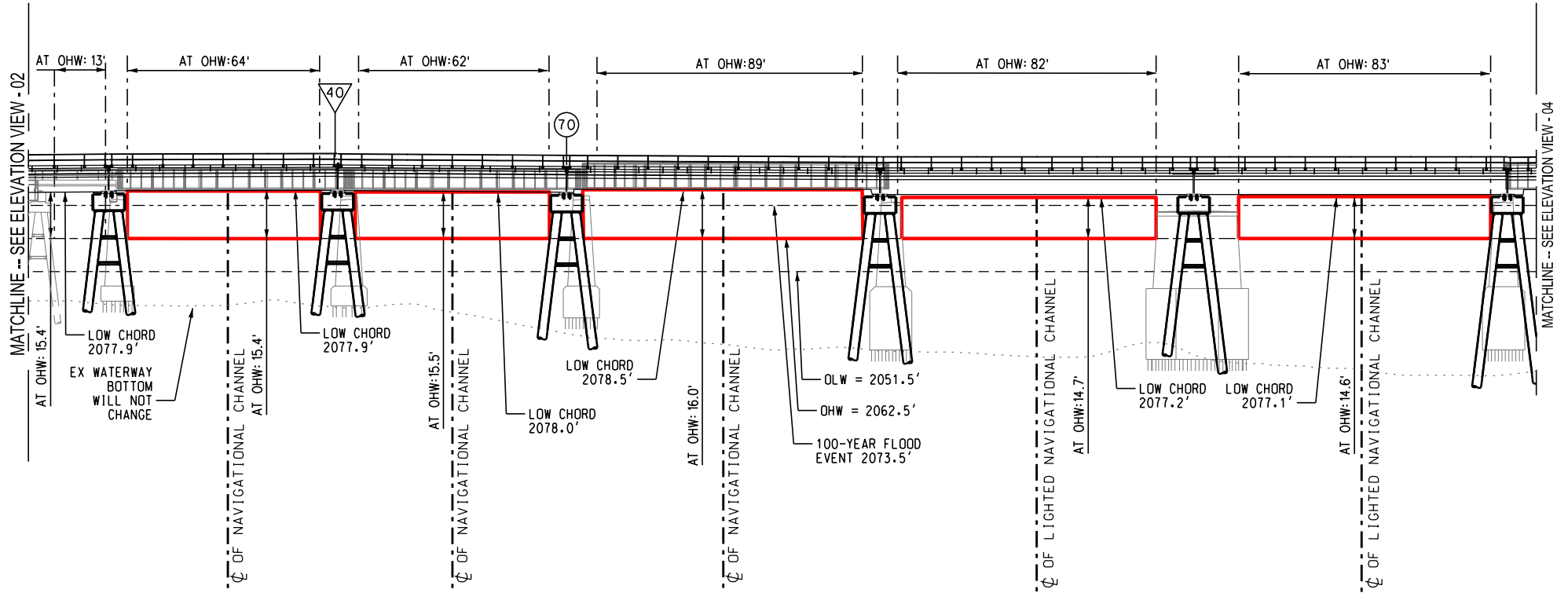
APPLICANT / OWNER: BNSF RAILWAY COMPANY
CONSULTANT / AGENT: HANSON PROFESSIONAL SERVICES / JACOBS ENGINEERING GROUP
NAME OF BRIDGE: LAKE PEND OREILLE BRIDGE (BNSF BRIDGE 3.9)
NAME OF WATERWAY: LAKE PEND OREILLE
MILE POINT OF BRIDGE LOCATION: 118.9
CITY: SANDPOINT **COUNTY:** BONNER **STATE:** IDAHO
DATE: 01/31/2022

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SPOKANE, WA

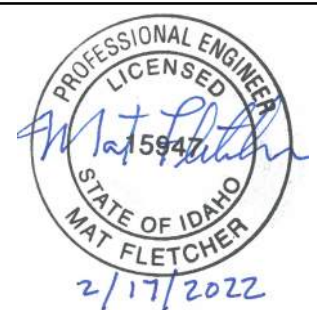
BNSF BRIDGE 0045-0003.9 ELEVATION VIEW - 03

SANDPOINT, ID



BASED ON: HANSON PROFESSIONAL SERVICES, INC. 90% PLANS. ELEVATIONS ARE RELATIVE TO NGVD1929.

LEGEND	
	ORDINARY HIGH WATER (OHW)
	ORDINARY LOW WATER (OLW)
	100-YEAR FLOOD
	LIMITS OF NAVIGATIONAL CHANNEL
	EXISTING GROUND / WATERWAY BOTTOM
	EXISTING STRUCTURE
	NAVIGATIONAL ENVELOPE
	BRIDGE 3.9W PIER NUMBER
	BRIDGE 3.9E PIER NUMBER



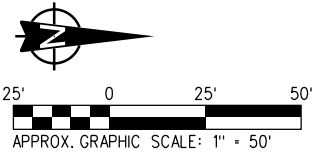
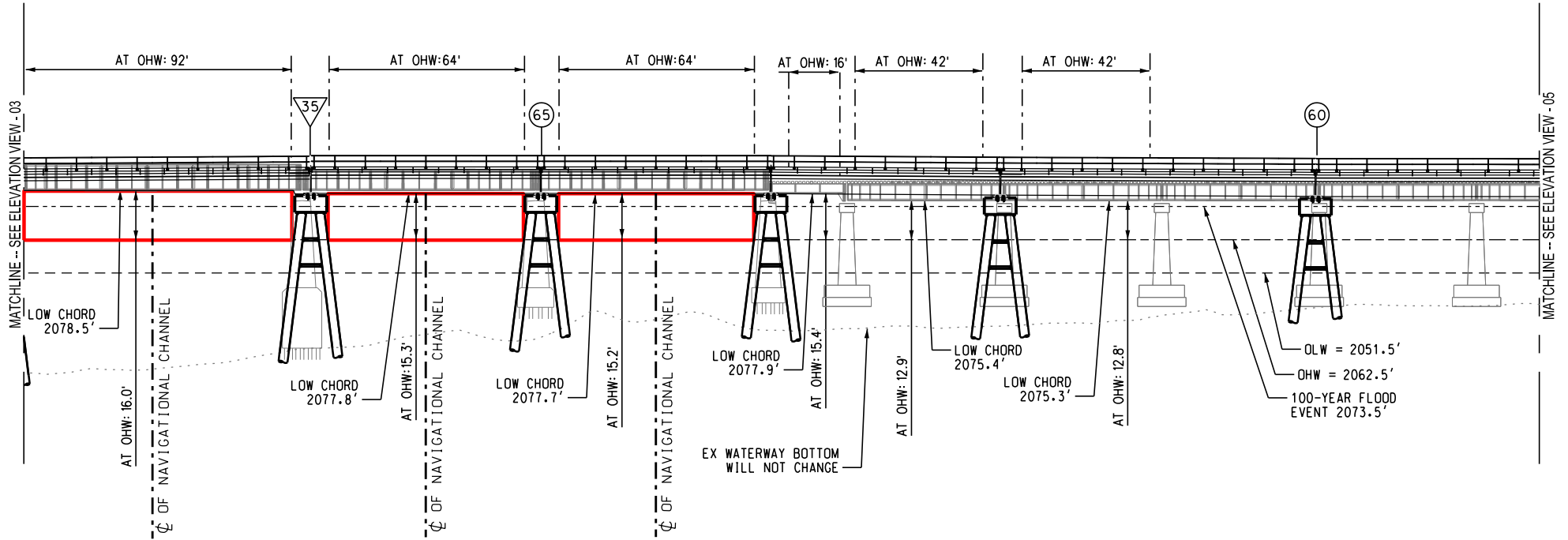
APPLICANT / OWNER: BNSF RAILWAY COMPANY
CONSULTANT / AGENT: HANSON PROFESSIONAL SERVICES / JACOBS ENGINEERING GROUP
NAME OF BRIDGE: LAKE PEND OREILLE BRIDGE (BNSF BRIDGE 3.9)
NAME OF WATERWAY: LAKE PEND OREILLE
MILE POINT OF BRIDGE LOCATION: 118.9
CITY: SANDPOINT **COUNTY:** BONNER **STATE:** IDAHO
DATE: 01/31/2022

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SPOKANE, WA

BNSF BRIDGE 0045-0003.9 ELEVATION VIEW - 04

SANDPOINT, ID



BASED ON: HANSON PROFESSIONAL SERVICES, INC. 90% PLANS. ELEVATIONS ARE RELATIVE TO NGVD1929.

LEGEND	
	ORDINARY HIGH WATER (OHW)
	ORDINARY LOW WATER (OLW)
	100-YEAR FLOOD
	LIMITS OF NAVIGATIONAL CHANNEL
	EXISTING GROUND / WATERWAY BOTTOM
	EXISTING STRUCTURE
	PROPOSED NAVIGATIONAL ENVELOPE
	BRIDGE 3.9W PIER NUMBER
	BRIDGE 3.9E PIER NUMBER



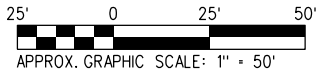
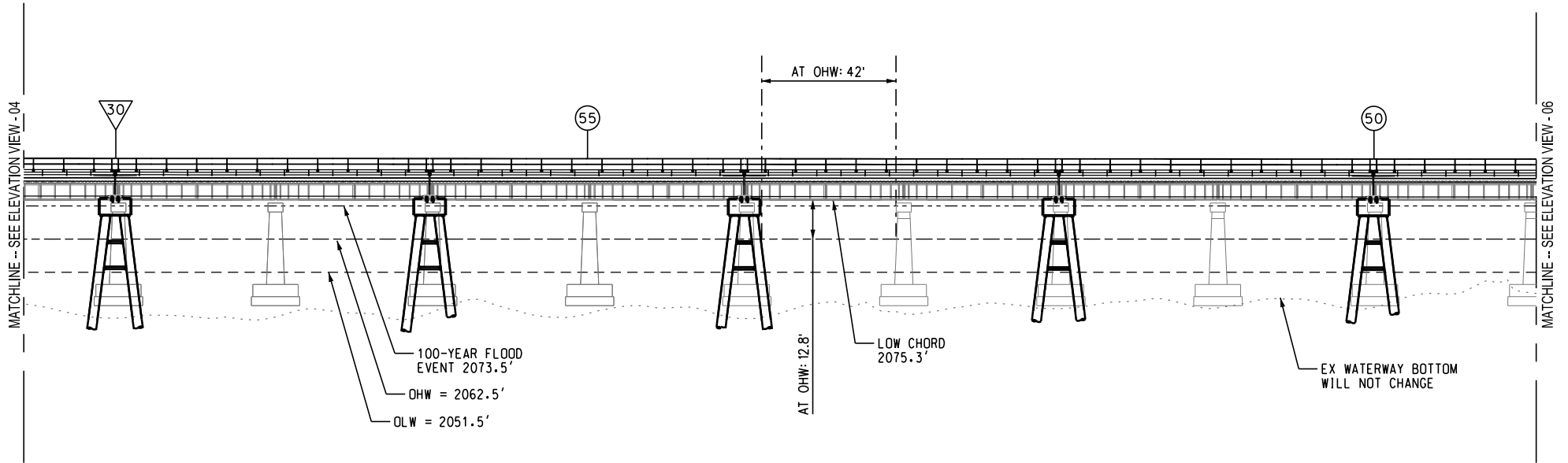
APPLICANT / OWNER: BNSF RAILWAY COMPANY
CONSULTANT / AGENT: HANSON PROFESSIONAL SERVICES / JACOBS ENGINEERING GROUP
NAME OF BRIDGE: LAKE PEND OREILLE BRIDGE (BNSF BRIDGE 3.9)
NAME OF WATERWAY: LAKE PEND OREILLE
MILE POINT OF BRIDGE LOCATION: 118.9
CITY: SANDPOINT **COUNTY:** BONNER **STATE:** IDAHO
DATE: 01/31/2022

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SPOKANE, WA

BNSF BRIDGE 0045-0003.9 ELEVATION VIEW - 05

SANDPOINT, ID



BASED ON: HANSON PROFESSIONAL SERVICES, INC. 90% PLANS. ELEVATIONS ARE RELATIVE TO NGVD1929.

LEGEND

- ORDINARY HIGH WATER (OHW)
- ORDINARY LOW WATER (OLW)
- 100-YEAR FLOOD
- EXISTING GROUND / WATERWAY BOTTOM
- EXISTING STRUCTURE
- △ BRIDGE 3.9W PIER NUMBER
- BRIDGE 3.9E PIER NUMBER

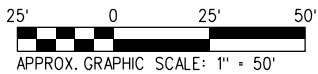
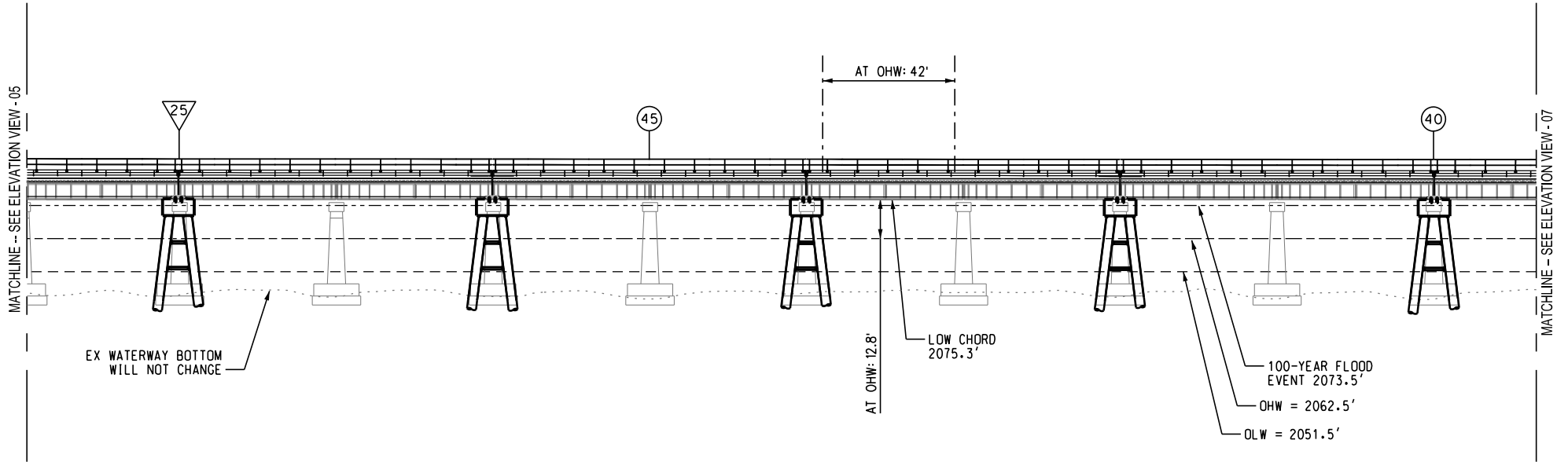


APPLICANT / OWNER: BNSF RAILWAY COMPANY
CONSULTANT / AGENT: HANSON PROFESSIONAL SERVICES / JACOBS ENGINEERING GROUP
NAME OF BRIDGE: LAKE PEND OREILLE BRIDGE (BNSF BRIDGE 3.9)
NAME OF WATERWAY: LAKE PEND OREILLE
MILE POINT OF BRIDGE LOCATION: 118.9
CITY: SANDPOINT **COUNTY:** BONNER **STATE:** IDAHO
DATE: 01/31/2022

SPOKANE, WA

BNSF BRIDGE 0045-0003.9 ELEVATION VIEW - 06

SANDPOINT, ID



BASED ON: HANSON PROFESSIONAL SERVICES, INC. 90% PLANS. ELEVATIONS ARE RELATIVE TO NGVD1929.

LEGEND	
-----	ORDINARY HIGH WATER (OHW)
-----	ORDINARY LOW WATER (OLW)
-----	100-YEAR FLOOD
.....	EXISTING GROUND / WATERWAY BOTTOM
-----	EXISTING STRUCTURE
△	BRIDGE 3.9W PIER NUMBER
⊙	BRIDGE 3.9E PIER NUMBER



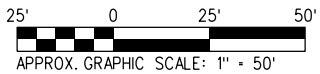
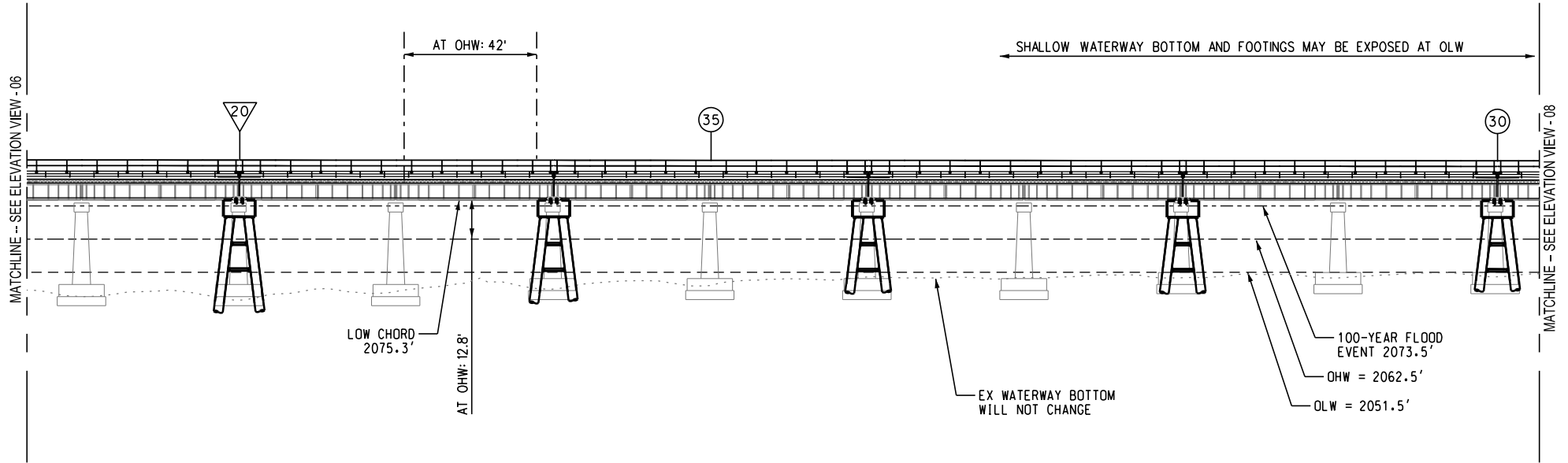
APPLICANT / OWNER: BNSF RAILWAY COMPANY
CONSULTANT / AGENT: HANSON PROFESSIONAL SERVICES / JACOBS ENGINEERING GROUP
NAME OF BRIDGE: LAKE PEND OREILLE BRIDGE (BNSF BRIDGE 3.9)
NAME OF WATERWAY: LAKE PEND OREILLE
MILE POINT OF BRIDGE LOCATION: 118.9
CITY: SANDPOINT **COUNTY:** BONNER **STATE:** IDAHO
DATE: 01/31/2022

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SPOKANE, WA

BNSF BRIDGE 0045-0003.9 ELEVATION VIEW - 07

SANDPOINT, ID



BASED ON: HANSON PROFESSIONAL SERVICES, INC. 90% PLANS. ELEVATIONS ARE RELATIVE TO NGVD1929.

LEGEND

- ORDINARY HIGH WATER (OHW)
- ORDINARY LOW WATER (OLW)
- 100-YEAR FLOOD
- EXISTING GROUND / WATERWAY BOTTOM
- EXISTING STRUCTURE
- △ 5 BRIDGE 3.9W PIER NUMBER
- 10 BRIDGE 3.9E PIER NUMBER



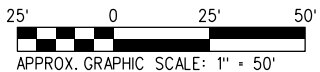
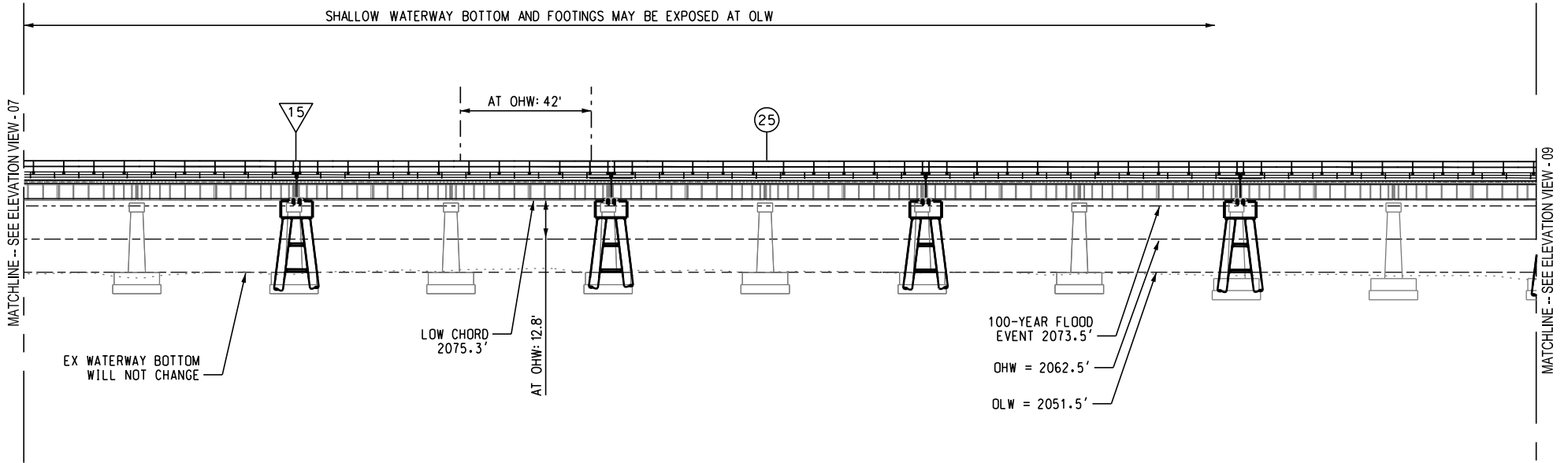
APPLICANT / OWNER: BNSF RAILWAY COMPANY
CONSULTANT / AGENT: HANSON PROFESSIONAL SERVICES / JACOBS ENGINEERING GROUP
NAME OF BRIDGE: LAKE PEND OREILLE BRIDGE (BNSF BRIDGE 3.9)
NAME OF WATERWAY: LAKE PEND OREILLE
MILE POINT OF BRIDGE LOCATION: 118.9
CITY: SANDPOINT **COUNTY:** BONNER **STATE:** IDAHO
DATE: 01/31/2022

SPOKANE, WA

BNSF BRIDGE 0045-0003.9 ELEVATION VIEW - 08

SANDPOINT, ID

SHALLOW WATERWAY BOTTOM AND FOOTINGS MAY BE EXPOSED AT OLW



APPROX. GRAPHIC SCALE: 1" = 50'

BASED ON: HANSON PROFESSIONAL SERVICES, INC. 90% PLANS. ELEVATIONS ARE RELATIVE TO NGVD1929.

LEGEND

- ORDINARY HIGH WATER (OHW)
- ORDINARY LOW WATER (OLW)
- 100-YEAR FLOOD
- EXISTING GROUND / WATERWAY BOTTOM
- EXISTING STRUCTURE
- 5 BRIDGE 3.9W PIER NUMBER
- 10 BRIDGE 3.9E PIER NUMBER

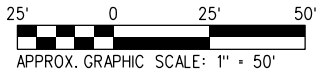
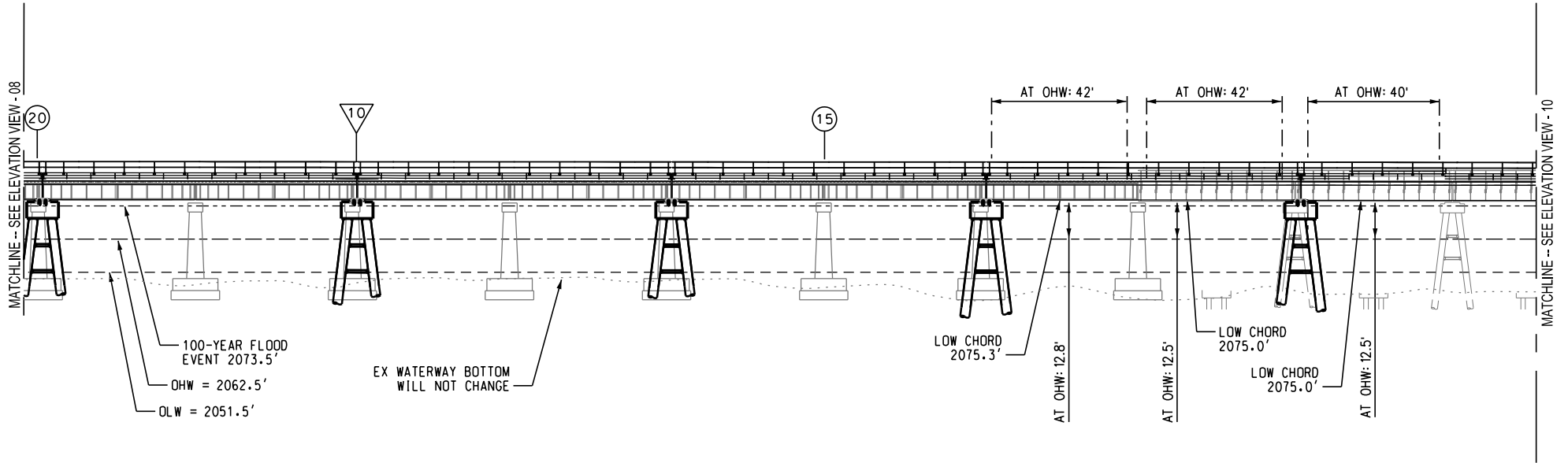


APPLICANT / OWNER: BNSF RAILWAY COMPANY
CONSULTANT / AGENT: HANSON PROFESSIONAL SERVICES / JACOBS ENGINEERING GROUP
NAME OF BRIDGE: LAKE PEND OREILLE BRIDGE (BNSF BRIDGE 3.9)
NAME OF WATERWAY: LAKE PEND OREILLE
MILE POINT OF BRIDGE LOCATION: 118.9
CITY: SANDPOINT **COUNTY:** BONNER **STATE:** IDAHO
DATE: 01/31/2022

SPOKANE, WA

BNSF BRIDGE 0045-0003.9 ELEVATION VIEW - 09

SANDPOINT, ID



BASED ON: HANSON PROFESSIONAL SERVICES, INC. 90% PLANS. ELEVATIONS ARE RELATIVE TO NGVD1929.

LEGEND

- ORDINARY HIGH WATER (OHW)
- ORDINARY LOW WATER (OLW)
- 100-YEAR FLOOD
- EXISTING GROUND / WATERWAY BOTTOM
- EXISTING STRUCTURE
- △ 5 BRIDGE 3.9W PIER NUMBER
- 10 BRIDGE 3.9E PIER NUMBER

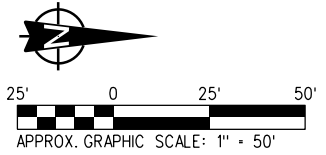
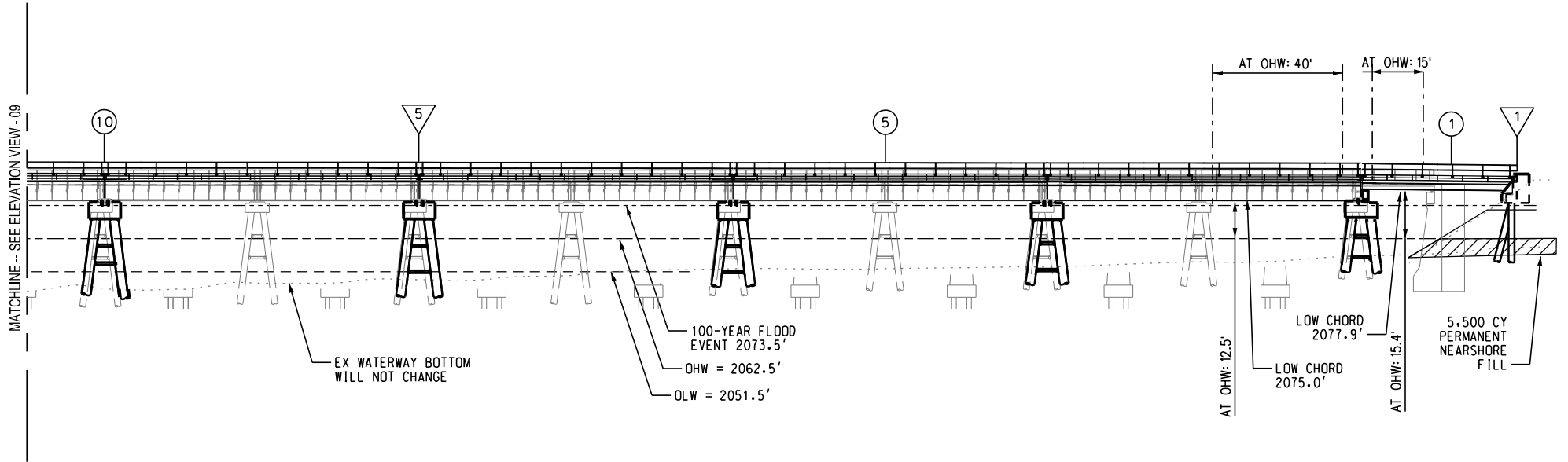


APPLICANT / OWNER: BNSF RAILWAY COMPANY
CONSULTANT / AGENT: HANSON PROFESSIONAL SERVICES / JACOBS ENGINEERING GROUP
NAME OF BRIDGE: LAKE PEND OREILLE BRIDGE (BNSF BRIDGE 3.9)
NAME OF WATERWAY: LAKE PEND OREILLE
MILE POINT OF BRIDGE LOCATION: 118.9
CITY: SANDPOINT **COUNTY:** BONNER **STATE:** IDAHO
DATE: 01/31/2022

SPOKANE, WA

BNSF BRIDGE 0045-0003.9 ELEVATION VIEW - 10

SANDPOINT, ID



BASED ON: HANSON PROFESSIONAL SERVICES, INC. 90% PLANS. ELEVATIONS ARE RELATIVE TO NGVD1929.

LEGEND	
	ORDINARY HIGH WATER (OHW)
	ORDINARY LOW WATER (OLW)
	100-YEAR FLOOD
	PERMANENT FILL BELOW OHW
	EXISTING GROUND / WATERWAY BOTTOM
	EXISTING STRUCTURE
	BRIDGE 3.9W PIER NUMBER
	BRIDGE 3.9E PIER NUMBER

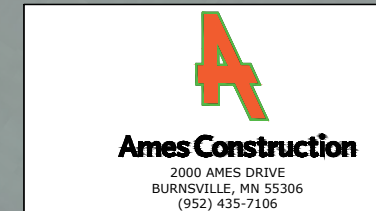
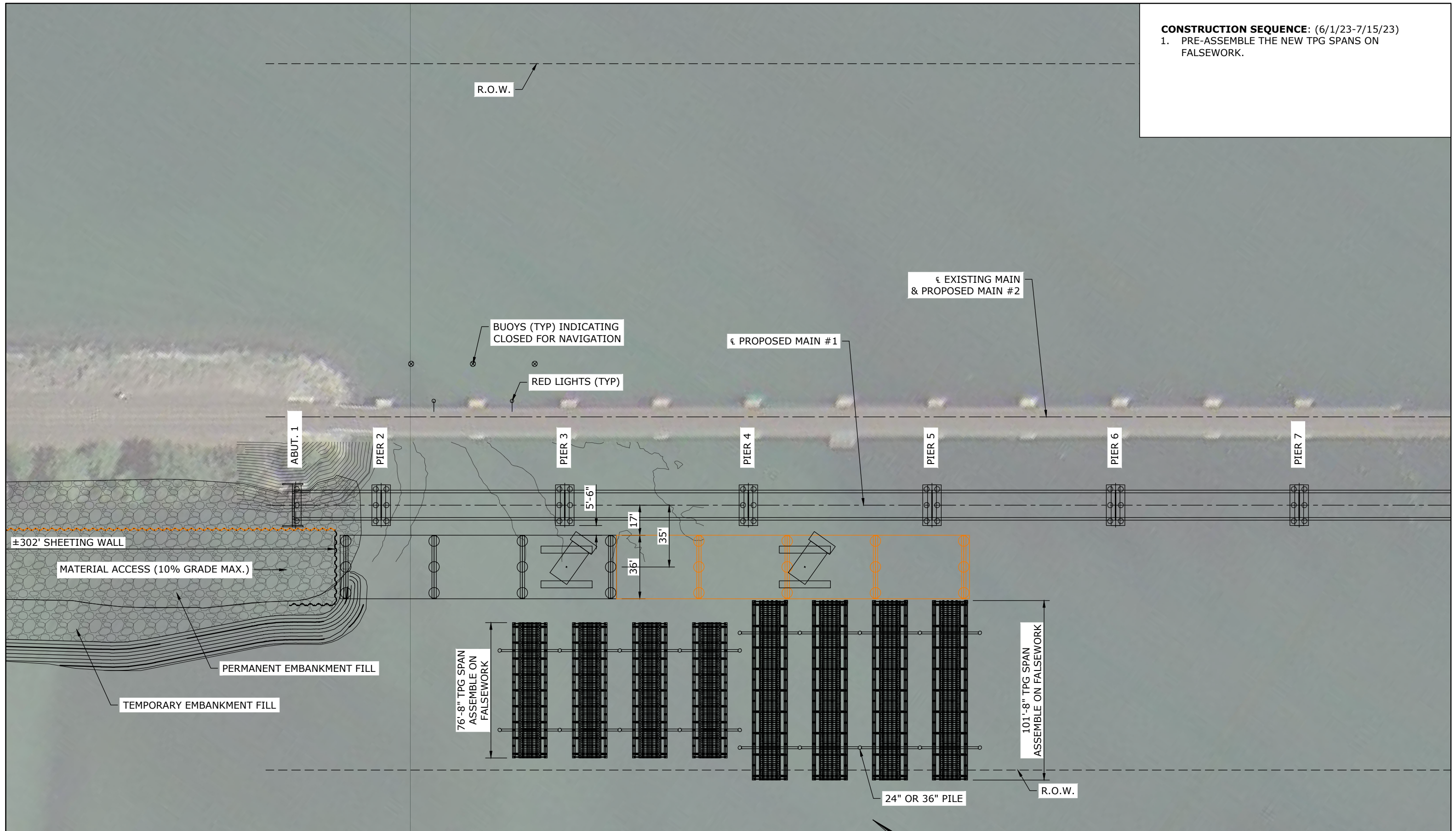


APPLICANT / OWNER: BNSF RAILWAY COMPANY
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NAME OF BRIDGE: LAKE PEND OREILLE BRIDGE (BNSF BRIDGE 3.9)
NAME OF WATERWAY: LAKE PEND OREILLE
MILE POINT OF BRIDGE LOCATION: 118.9
CITY: SANDPOINT **COUNTY:** BONNER **STATE:** IDAHO
DATE: 01/31/2022

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CONSTRUCTION SEQUENCE: (6/1/23-7/15/23)

1. PRE-ASSEMBLE THE NEW TPG SPANS ON FALSEWORK.



SCALE: 1" = 50'-0"	APPROVED BY:	DRAWN BY:
DATE: 12/3/2021		J.E.
BNSF - SANDPOINT, IDAHO SPAN REPLACEMENT - ONSITE		
REVISION NO.: N/A	BNSF-BSR-02-ALT2	
BRIDGE NO.: 3.9		