

09/01/2022

State OF WASH.
UTIL. AND TRANSP.
COMMISSION



WASHINGTON UTILITIES AND TRANSPORTATION COMMISSION

Washington State DOT

Petitioner,

vs.

BNSF Railway Company

Respondent

DOCKET NO. TR- _____

PETITION TO CONSTRUCT OR
RECONSTRUCT A RAILROAD-
HIGHWAY GRADE SEPARATION
(OVERTCROSSING OR
UNDERCROSSING)

USDOT CROSSING NO.: 9805986
928199J/928498C

The Petitioner asks the Washington Utilities and Transportation Commission (UTC) to approve



Construction



Reconstruction

of a railroad-highway grade separation (overcrossing or undercrossing¹) as described in this petition. RCW 81.53.060.

Section 1 – Petitioner’s Information

Washington State Department of Transportation

Petitioner

Signature

310 Maple Park Ave SE, Suite 2B

Street Address

Olympia WA, 98504

City, State and Zip Code

PO Box 47329, Olympia WA 98504-7329

Mailing Address, if different than the street address

Connie Raezer

Contact Person Name

360-705-7459 raezerc@wsdot.wa.gov

Contact Phone Number and Email

¹ An overcrossing means any point or place where a highway crosses a railroad by passing above the same, or any point or place where one railroad crosses another railroad not at grade. An undercrossing means any point or place where a highway crosses a railroad by passing under the same, or any point or place where one railroad crosses another not at grade. RCW 81.53.010

Section 2 – Respondent’s Information

Respondent
Street Address
City, State and Zip Code
Mailing Address, if different than the street address
Contact Person Name
Contact Phone Number and Email

Section 3 – Proposed Crossing Location

1. Name of highway/roadway:
2. USDOT number (reconstruction only):
3. GPS location:
4. Railroad mile post (nearest tenth):
5. City: County:

Section 4 – Current Highway Traffic Information

1. Name of highway:		
2. Road authority:		
3. Average annual daily traffic (AADT):		
4. Number of lanes:		
5. Roadway speed:		
6. Is the crossing part of an established truck route?	Yes	No
7. If so, trucks are what percent of total daily traffic?		
8. Is the crossing part of an established school bus route?	Yes	No
9. If so, how many school buses travel over the crossing each day?		

Section 5 – Railroad Information

1. Name of railroad(s) operating at crossing:			
2. Type of railroad at crossing:	Common Carrier	Logging	Industrial
	Passenger	Excursion	
5. Type of tracks at crossing:	Main Line	Siding or Spur	
6. Number of tracks at crossing:			
7. Average daily train traffic, freight:			
Authorized freight train speed:		Operated freight train speed:	
8. Average daily train traffic, passenger:			
Authorized passenger train speed:		Operated passenger train speed:	

Section 6 – Description of Crossing Construction/Reconstruction

1. Describe in detail the public safety need and reasons for constructing or reconstructing a grade separation at this location (attach additional information sheets to petition as needed):

2. How far is the nearest alternate access across the tracks from the crossing?

3. Describe the alternate access route, including distance and driving time:

4. If new construction, will the proposed crossing eliminate the need for one or more existing crossings?

Yes No N/A

5. If so, identify the crossing(s) by USDOT number and state the distance and direction from the proposed crossing.

6. If the grade separation is replacing an existing at-grade crossing, describe what will happen with the existing crossing during construction of the grade separation, as well as what will happen with the crossing surface, signage, and signal equipment once the grade separation is complete.

7. Who is responsible for long-term maintenance of the grade separation?

Section 7 – Illustration of Grade Separated Crossing

Attach a diagram, design drawing, map, or other illustration showing the location of the railroad and the proposed/existing location of the crossing. Include the parcels of private property located on both sides of the proposed crossing for a distance of 500' from the crossing and the name and mailing address of each property owner.

If this is a reconstruction, include design-level drawings of the proposed changes to the existing grade separation.

Section 8 – Cost Apportionment

If the commission approves the construction or reconstruction of the grade separated crossing requested in this petition, it will apportion costs in accordance with the applicable statutes. ([RCW 81.53.130](#)).

In the alternative, if the parties to this petition have reached an agreement related to apportionment of costs, please sign here to confirm:

Petitioner Signature: Connie Raezer Respondent Signature: [Signature]

Section 9 – Waiver of Hearing by Respondent

Waiver of Hearing

The undersigned represents the Respondent in this petition to construct or reconstruct a highway-rail grade separation.

We have investigated the conditions at the crossing. We are satisfied the conditions are the same as described by the Petitioner in this docket. We do not oppose the construction or reconstruction of the grade-separated crossing and consent to a decision by the commission without a hearing.

Dated at _____, Washington, on the _____ day of _____

Printed name of Respondent



Signature of Respondent's Representative

Title

Phone Number

Email

Mailing Address

Checklist prior to submitting petition:

- ✓ Ensure all petition fields are completed.
- ✓ Ensure parties sign Section 8 regarding any Cost Apportionment agreement, if applicable.
- ✓ Obtain signature on Waiver of Hearing (Section 9). *If respondent fails to sign Waiver, advise UTC staff upon submission.*
- ✓ Attach copies of:
 - Illustration of crossing (described in Section 7).
 - Any other relevant documents to support the petition, including but not limited to support of public need, project information, etc.

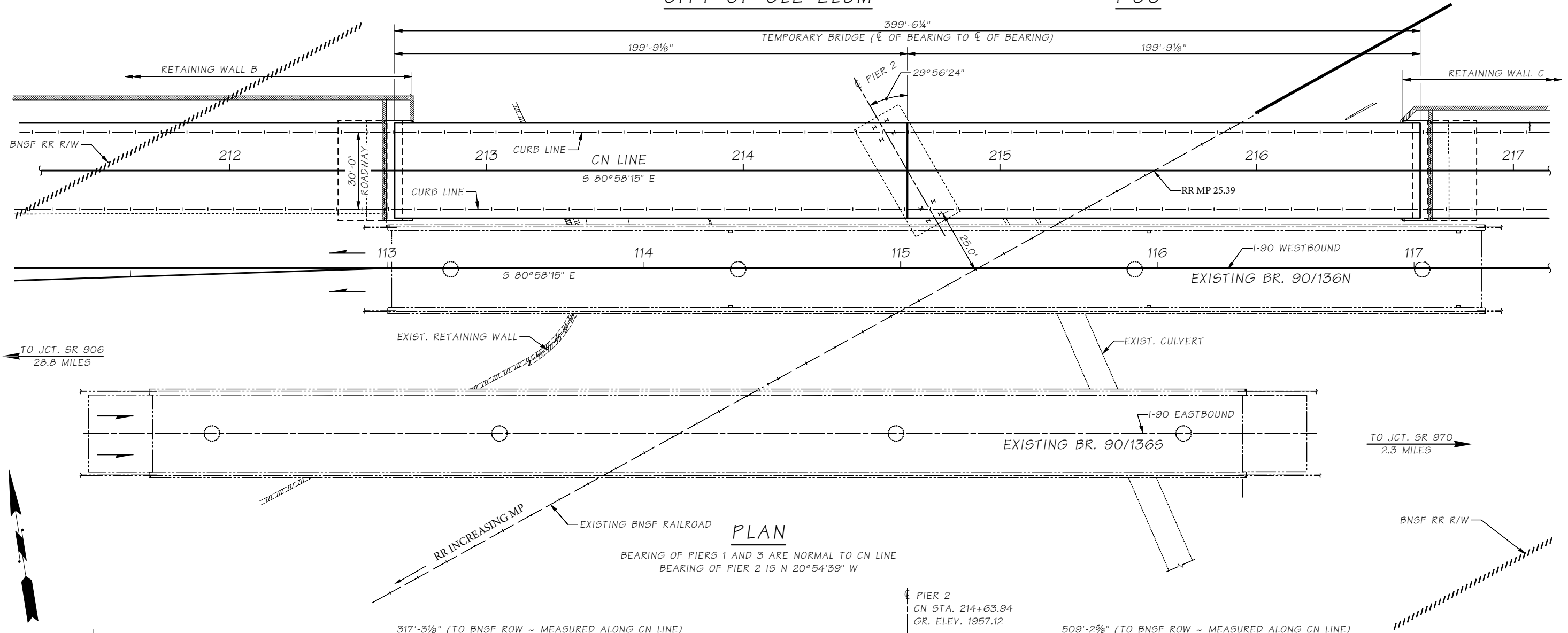
Submitting the petition: To officially file the petition, send the petition form and supporting documents to records@utc.wa.gov.

Questions: For questions, please contact:

<p>Mike Turcott Transportation Planning Specialist mike.turcott@utc.wa.gov (360) 764-0572</p>	<p>Betty Young Rail Safety Program Advisor betty.young@utc.wa.gov (360) 292-5470</p>
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SEC. 27, T.20N., R.15E., W.M.
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PLAN

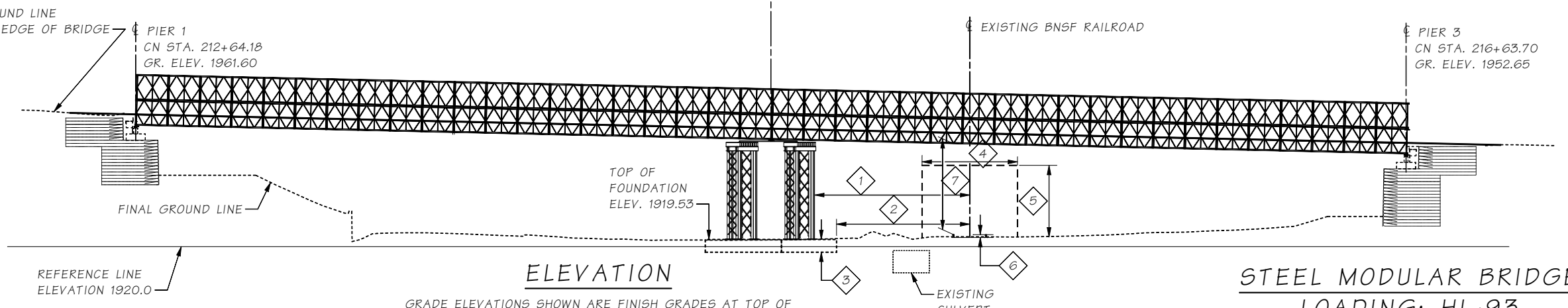
BEARING OF PIERS 1 AND 3 ARE NORMAL TO CN LINE
BEARING OF PIER 2 IS N 20°54'39\" W

KEY NOTES:

- 1 25.0' FACE OF PIER TO RR CL
- 2 21.9' FACE OF FOUNDATION TO RR CL
- 3 4'-0\" DEPTH OF FOUNDATION
- 4 30'-0\" WIDTH
- 5 21'-6\" MIN. HEIGHT
- 6 3.7' TOP OF TIE TO TOP OF FOUNDATION
- 7 25.3' VERT. CLR.

DATUM

NAVD 88



ELEVATION

GRADE ELEVATIONS SHOWN ARE FINISH GRADES AT TOP OF BRIDGE DECK ON CN LINE AND EQUAL TO PROFILE GRADE

STEEL MODULAR BRIDGE

LOADING: HL-93

Bridge Design Engr.	Khaleghi, B	M:\W-Team\XL5987 ACROW BRIDGE\window files\BNSF 01 LAYOUT.WND		REGION NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
Supervisor	Rodda, NT			10	WASH.			
Designed By	Chavez, G	03/22						
Checked By								
Detailed By	Davis, E	03/22						
Bridge Projects Engr.								
Prelim. Plan By								
Architect/Specialist								
DATE		REVISION		BY	APPD	CONTRACT NO.		



BRIDGE AND STRUCTURES OFFICE

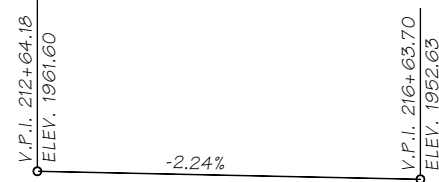


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S CLE ELUM RD BRIDGE EB
DECK REHABILITATION
TEMPORARY STRUCTURE

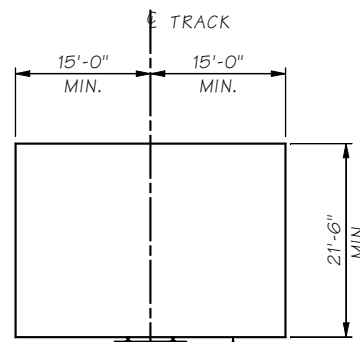
LAYOUT

BRIDGE SHEET NO. BA1
SHEET OF SHEETS

SR 90 FILE NO. SHEET BA1

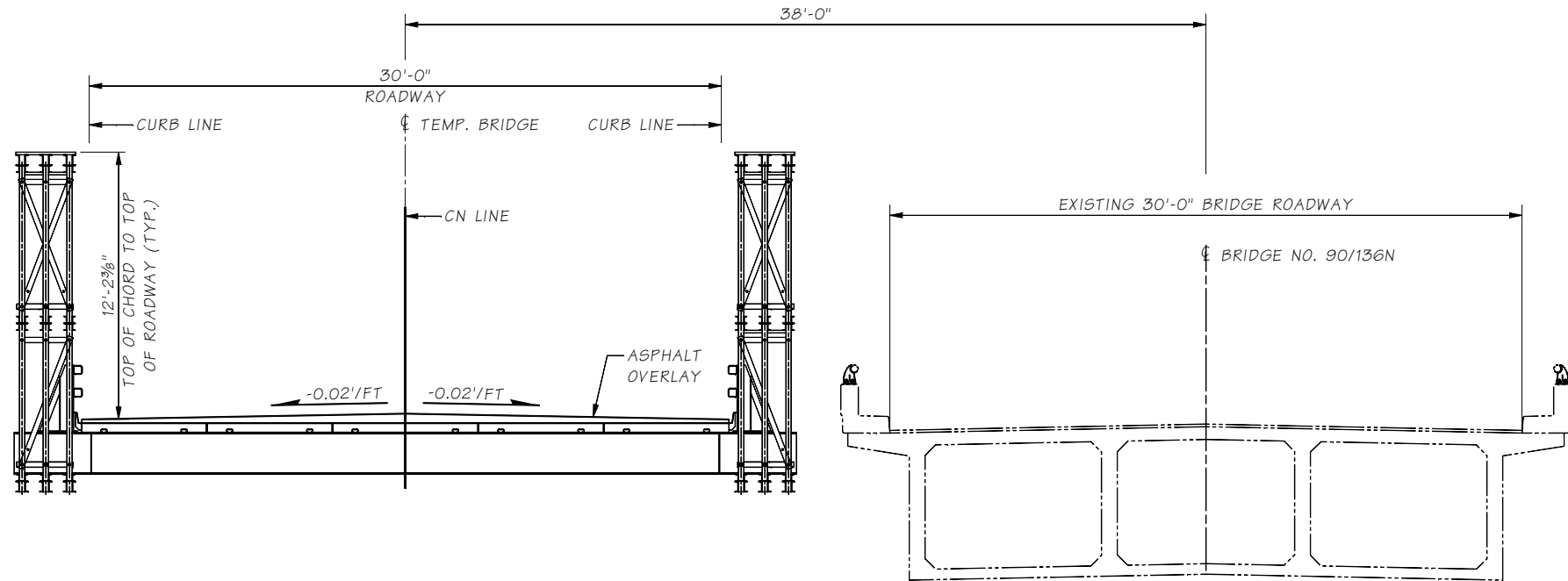


CN LINE PROFILE



RAILROAD CONSTRUCTION OPENING (TYP.)

CONSTRUCTION OPENING DIAGRAM FOR RAILROAD



TYPICAL SECTION SHOWN AT MIDSPAN

TEMPORARY STRUCTURE SUBSTRUCTURE GENERAL NOTES

1. ALL MATERIAL AND WORKMANSHIP SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF THE WASHINGTON STATE DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROAD, BRIDGE AND MUNICIPAL CONSTRUCTION DATED 2022 AND AMENDMENTS.
2. THE STRUCTURE HAS BEEN DESIGNED IN ACCORDANCE WITH THE REQUIREMENTS OF THE AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS 9TH EDITION 2020.
3. ALL STRUCTURAL STEEL SHALL CONFORM TO ASTM A 572 GR. 50 OR ASTM A992 GR. 50. STRUCTURAL STEEL DOES NOT NEED TO BE PAINTED OR GALVANIZED.
4. ALL WELDING SHALL BE IN ACCORDANCE WITH AWS D1.1, LATEST EDITION AND SHALL BE DONE TO MINIMIZE DISTORTION. THE WELDING SEQUENCES AND WELD PROCEDURES TO BE USED SHALL BE SUBMITTED TO THE ENGINEER FOR ACCEPTANCE PRIOR TO THE START OF WELDING.
5. ALL TIMBER FOR USE AS A BOLSTER SHALL CONFORM TO SECTION 9-09 OF THE STANDARD SPECIFICATIONS.
6. ALL TIMBER SHALL BE TREATED PRIOR TO INSTALLATION WITH A SURFACE APPLIED WOOD PRESERVATIVE IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS.
7. ALL CONCRETE COMPONENTS SHALL BE CLASS 4000.
8. UNLESS OTHERWISE SHOWN IN THE PLANS, THE CONCRETE COVER MEASURED FROM THE FACE OF THE CONCRETE TO THE FACE OF ANY REINFORCING STEEL SHALL BE 3 INCHES.

LEGEND

- EXISTING POWER METER BOX
- EXISTING J-BOX UNKNOWN
- EXISTING CATCH BASIN
- EXISTING LIGHT STANDARD SINGLE METAL
- EXISTING UTILITY POLE
- EXISTING CONTROLLER CABINET
- EXISTING SANITARY SEWER LINE
- EXISTING OVERHEAD POWER
- EXISTING WATER LINE
- EXISTING BURIED FIBER OPTIC
- EXISTING GUARD RAIL
- EXISTING RETAINING WALL
- EXISTING FENCE

SR 90 FILE NO. SHEET BA2

Bridge Design Engr.	Khaleghi, B	M:\W-Team\XL5987 ACROW BRIDGE\window files\BNSF 02 GEN NOTES.wnd			
Supervisor	Rodda, NT	REGION NO.	STATE	FED. AID PROJ. NO.	SHEET NO.
Designed By	Chavez, G 03/22	10	WASH.		TOTAL SHEETS
Checked By		JOB NUMBER			
Detailed By	Davis, E 03/22	22Y001			
Bridge Projects Engr.		CONTRACT NO.			
Prelim. Plan By		DATE	REVISION	BY	APPD
Architect/Specialist					

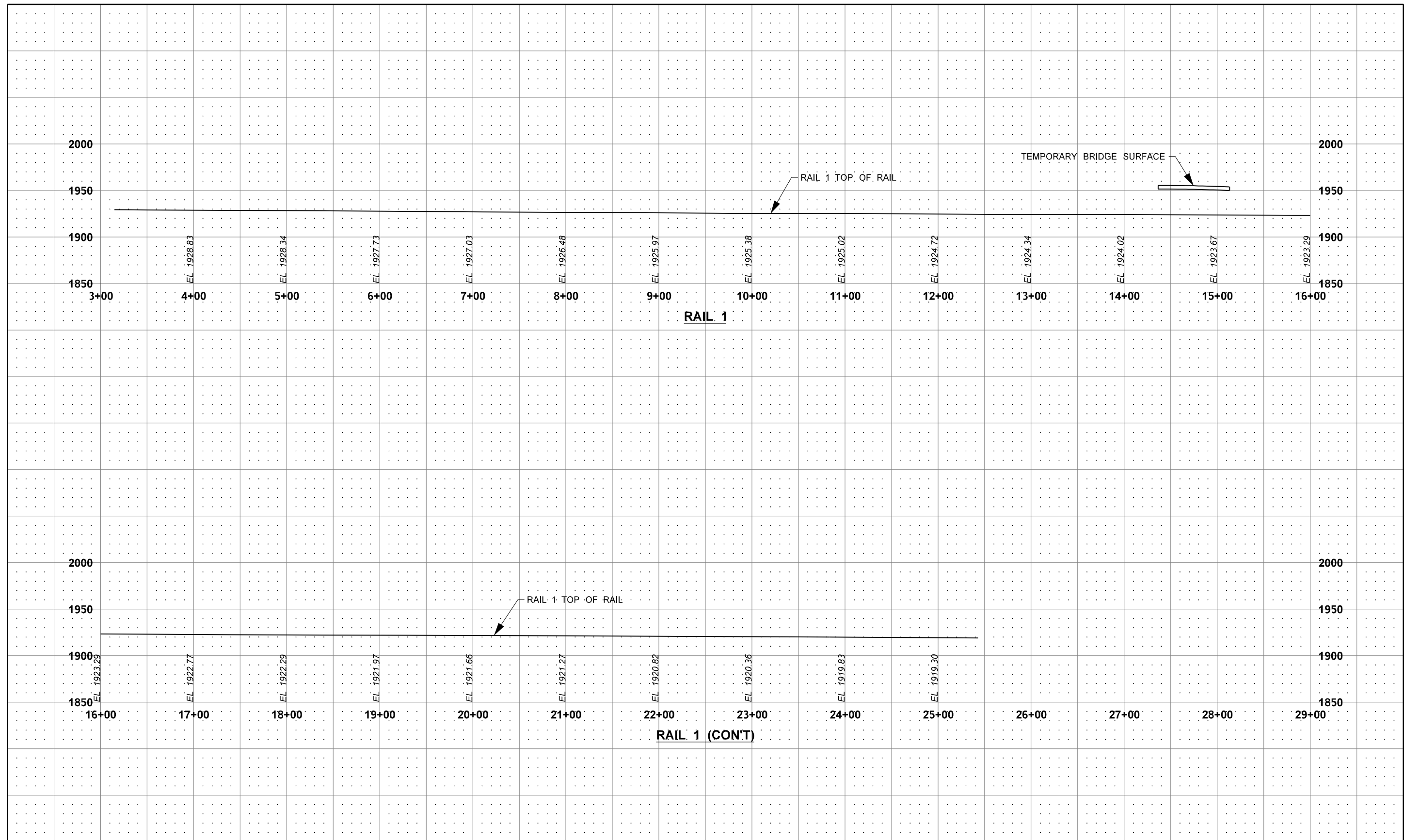



BRIDGE AND STRUCTURES OFFICE

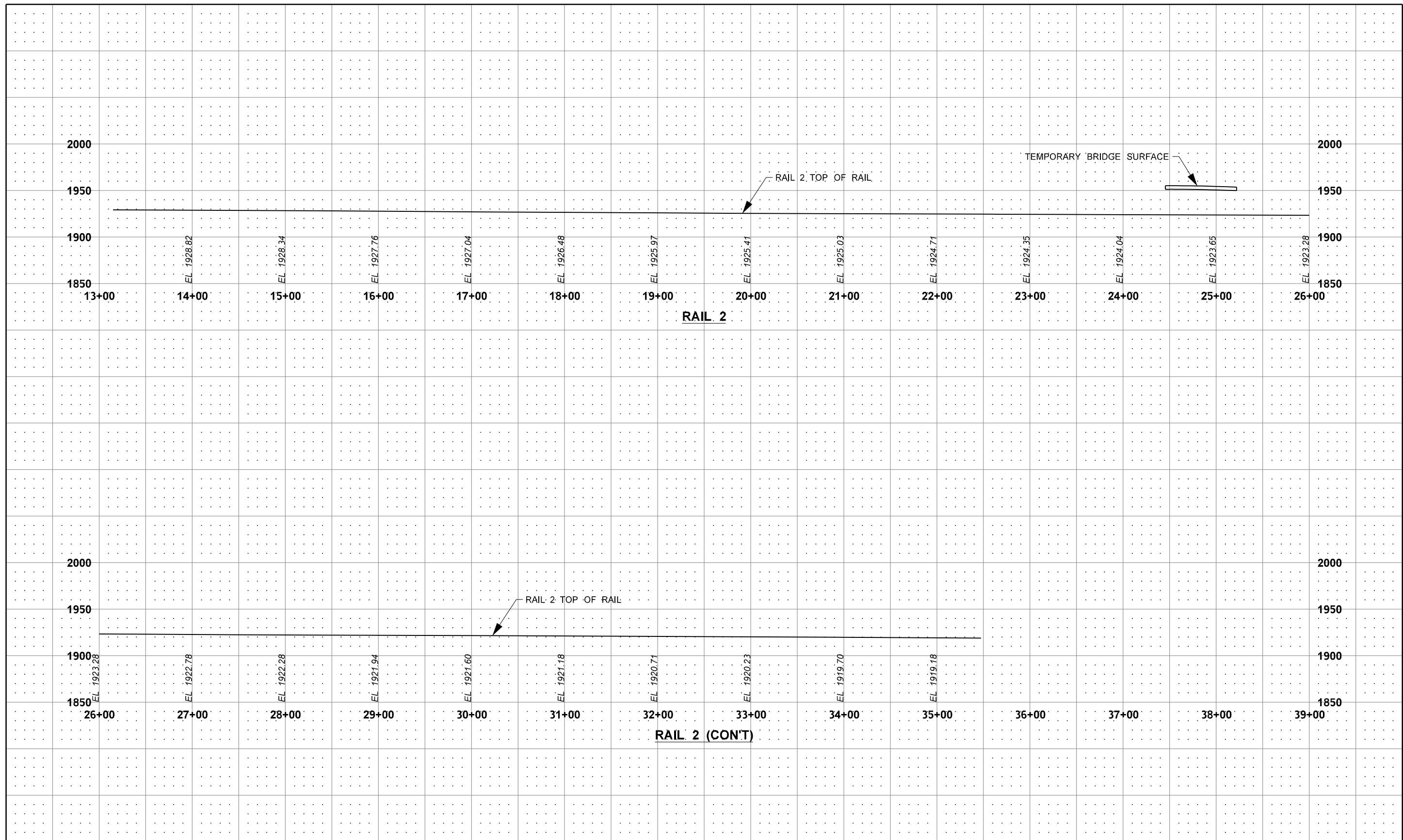


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DECK REHABILITATION
TEMPORARY STRUCTURE
GENERAL NOTES

BRIDGE SHEET NO. BA2
SHEET OF SHEETS



FILE NAME K:\452205\090\08353_S Cle Elum Rd Bldge EB\Design\InRoads\WorkingDGNs\Fal-Tat\XL5987_Railroad Profiles.dgn		REGION NO. STATE		FED.AID PROJ.NO.		 Washington State Department of Transportation		I-90 S CLE ELUM RD BRIDGES - DECK REHABILITATION BNSF RAILROAD PROFILE		PLAN REF. NO.	
TIME 12:39:07 PM	DATE 3/8/2022	10	WASH							BA3	
PLOTTED BY sohf	DESIGNED BY	ENTERED BY	CHECKED BY	PROJ. ENGR.	REGIONAL ADM.	REVISION	DATE	BY	SHEET OF SHEETS		



FILE NAME K:\452205\090\08353_S Cle Elum Rd Bldge EB\Desgn_InRoads\WorkingDGNs\Fal-Tat\XL5987_Railroad Profiles.dgn			
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DATE	3/8/2022	REGION NO.	STATE
PLOTTED BY	sohf	10	WASH
DESIGNED BY		JOB NUMBER	
ENTERED BY		CONTRACT NO.	
CHECKED BY		LOCATION NO.	
PROJ. ENGR.			
REGIONAL ADM.	REVISION	DATE	BY

P.E. STAMP BOX	DATE	P.E. STAMP BOX	DATE
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S CLE ELUM RD BRIDGES -
DECK REHABILITATION
BNSF RAILROAD PROFILE

PLAN REF. NO.
BA4
SHEET
OF
SHEETS