

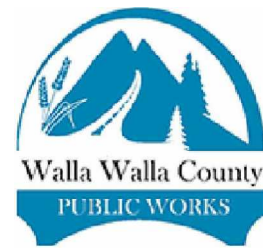
WALLA WALLA COUNTY, WA

SEVEN MILE BRIDGE ON SEVEN MILE ROAD MP 2.30 TO MP 2.55

CRP 20-06

FEDERAL AID NO. BROS-2036(038)

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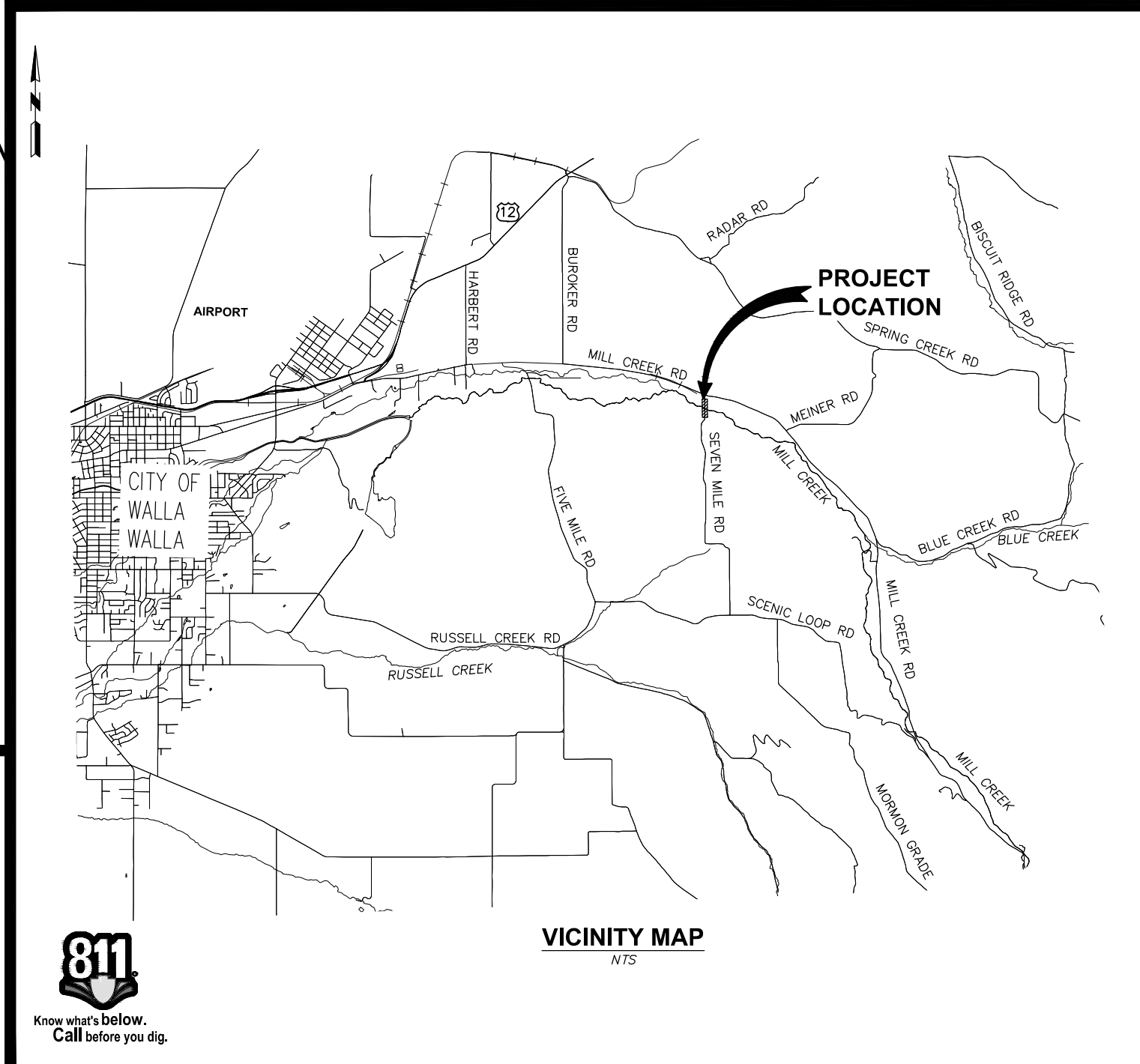


BOARD OF WALLA WALLA COUNTY COMMISSIONERS

- BERTHA J. CLAYTON - DISTRICT 1
- TODD L. KIMBALL - DISTRICT 2
- GUNNER FULMER - DISTRICT 3

COUNTY OFFICIALS

- DAN MACK, PUBLIC WORKS DIRECTOR
- JOEL DICKERSON, P.E., COUNTY ENGINEER



INDEX

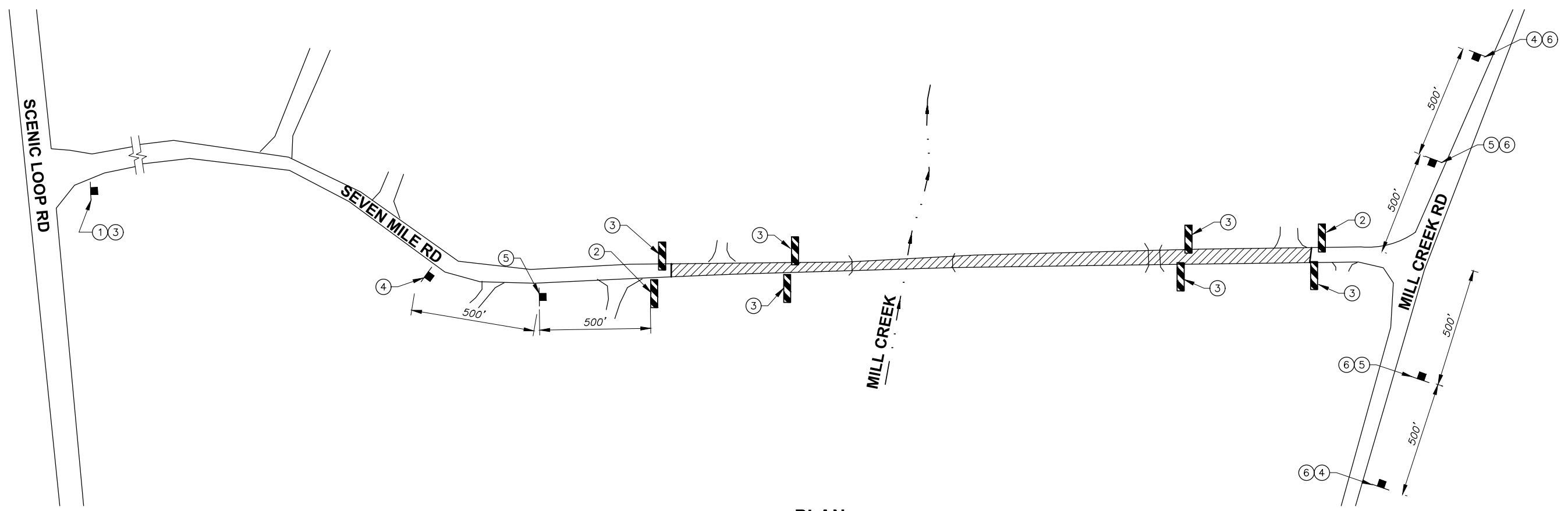
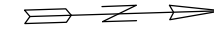
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Know what's below.
Call before you dig.

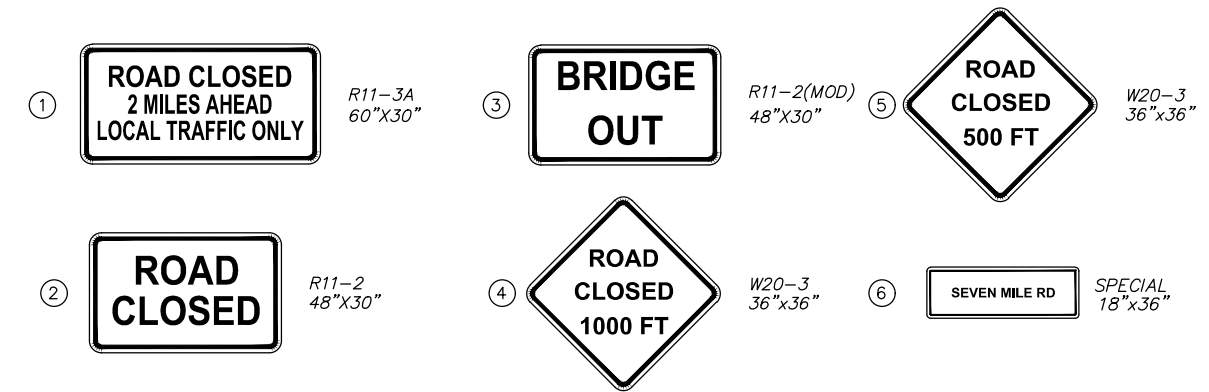


Engineering Surveying Natural Resources Cultural Resources GIS
214 E. Birch Street, Suite 1 - Walla Walla, WA 99362 Ph: (509) 529-9260 Fax: (509) 529-8102
LA GRANDE, OR WALLA WALLA, WA REDMOND, OR HERMISTON, OR ENTERPRISE, OR
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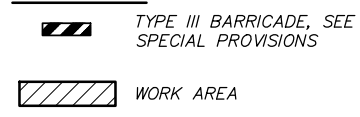


PLAN
NTS

SIGN SCHEDULE



LEGEND



TRAFFIC CONTROL NOTES

1. ALL REGULATORY TRAFFIC CONTROL DEVICES SHALL BE IN COMPLIANCE WITH THE LATEST EDITION OF THE MUTCD AND ALL TRAFFIC OPERATIONS MUST BE APPROVED BY WALLA WALLA COUNTY.
2. ALL TRAFFIC CONTROL SIGNS AND DEVICES SHALL BE IN NEW OR LIKE NEW CONDITION.
3. TYPE III BARRICADES SHALL HAVE REFLECTORIZED SHEETING ATTACHED. PAINTED STRIPING WILL NOT BE ALLOWED.
4. TWO FLASHING WARNING LIGHTS SHALL BE USED TO MARK EACH BARRICADE AT NIGHT.
5. LOCATION OF ALL SIGNS SHALL BE AS APPROVED BY THE AGENCY.
6. REMOVE, COVER, OR RELOCATE SIGNS AS REQUIRED DURING VARIOUS CONSTRUCTION STAGES.
7. ACCESS SHALL BE PROVIDED AT ALL TIMES TO EMERGENCY VEHICLES AND PROPERTY OWNERS WITHIN PROJECT LIMITS VIA SCENIC LOOP FOR RESIDENTS SOUTH OF MILL CREEK, AND VIA MILL CREEK ROAD FOR RESIDENTS ON THE NORTH SIDE OF THE CREEK.
8. UNLESS OTHERWISE NOTED, ALL SIGNS SHALL BE BLACK WITH ORANGE BACKGROUND.



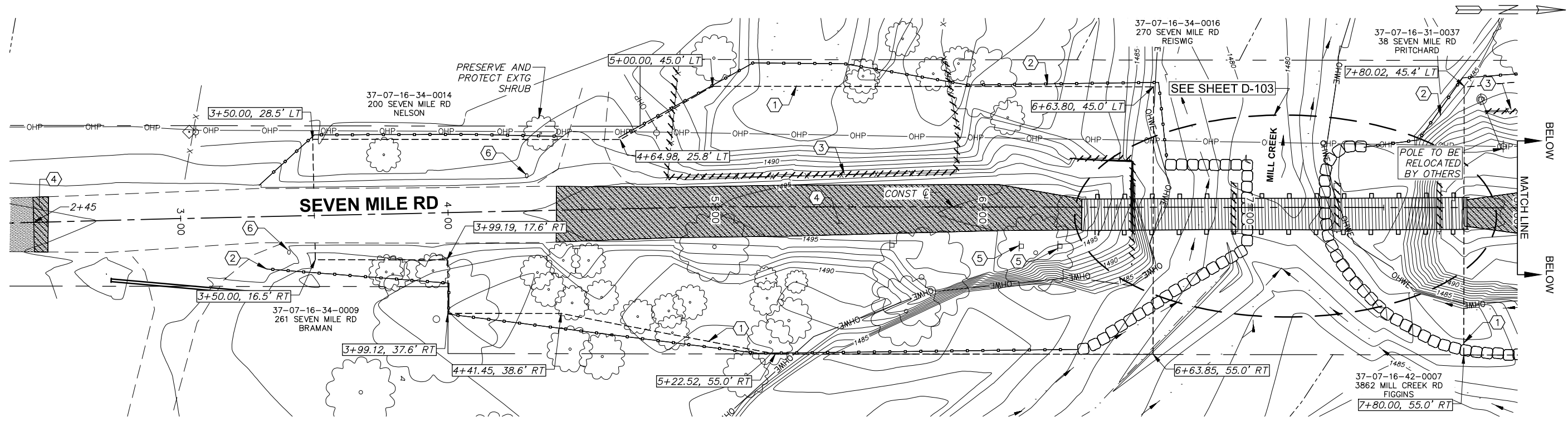
DESIGNED BY E.ZITTERKOPF	DATE March 25, 2026
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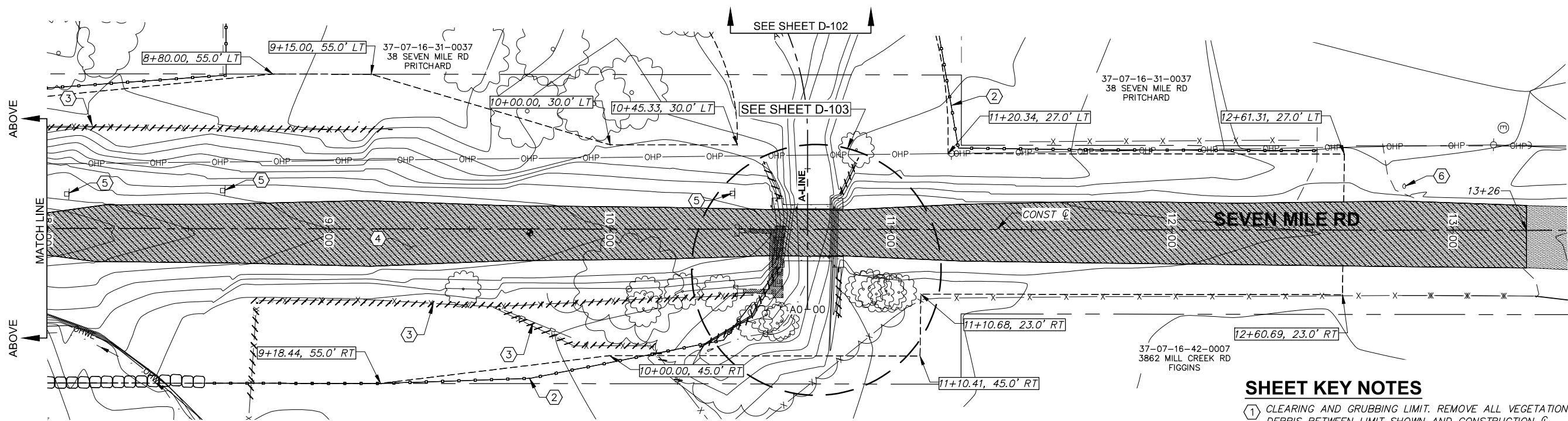


WALLA WALLA COUNTY
SEVEN MILE BRIDGE ON SEVEN MILE ROAD MP 2.30 TO MP 2.55
TRAFFIC CONTROL PLAN

SHEET
G-003
3 OF 30



PLAN



PLAN

SHEET LEGEND

- CLEARING AND GRUBBING LIMIT - - - - -
- REVETMENT/DIVERSION
- SILT FENCE
- REMOVE ITEM/STRUCTURE

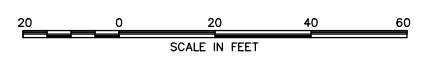
SHEET KEY NOTES

- 1 CLEARING AND GRUBBING LIMIT. REMOVE ALL VEGETATION AND ORGANIC DEBRIS BETWEEN LIMIT SHOWN AND CONSTRUCTION ϕ .
- 2 HIGH VISIBILITY SILT FENCE. SEE WSDOT STD PLAN I-30.17-01
- 3 REMOVE EXTG FENCE
- 4 SAWCUT AND REMOVE EXTG HMA/BST. APPROXIMATE THICKNESS 0.33'. EXTG HMA/BST MAY BE INCORPORATED INTO THE SUBGRADE ABOVE THE 3' DEPTH SPECIFIED IN SECTION 2-02.3(3), PROVIDED IT IS GROUND/PULVERIZED.
- 5 REMOVE AND SALVAGE EXTG SIGN AND DELIVER TO WALLA WALLA COUNTY PUBLIC WORKS SHOP.
- 6 SALVAGE AND TEMPORARILY RELOCATE ADDRESS MARKER. SEE STRIPING PLANS.



REVISION	BY	DATE
DESIGNED BY	E. ZITTERKOPF	
DRAWN BY	E. ZITTERKOPF	
REVIEWED BY	L. KEENAN	

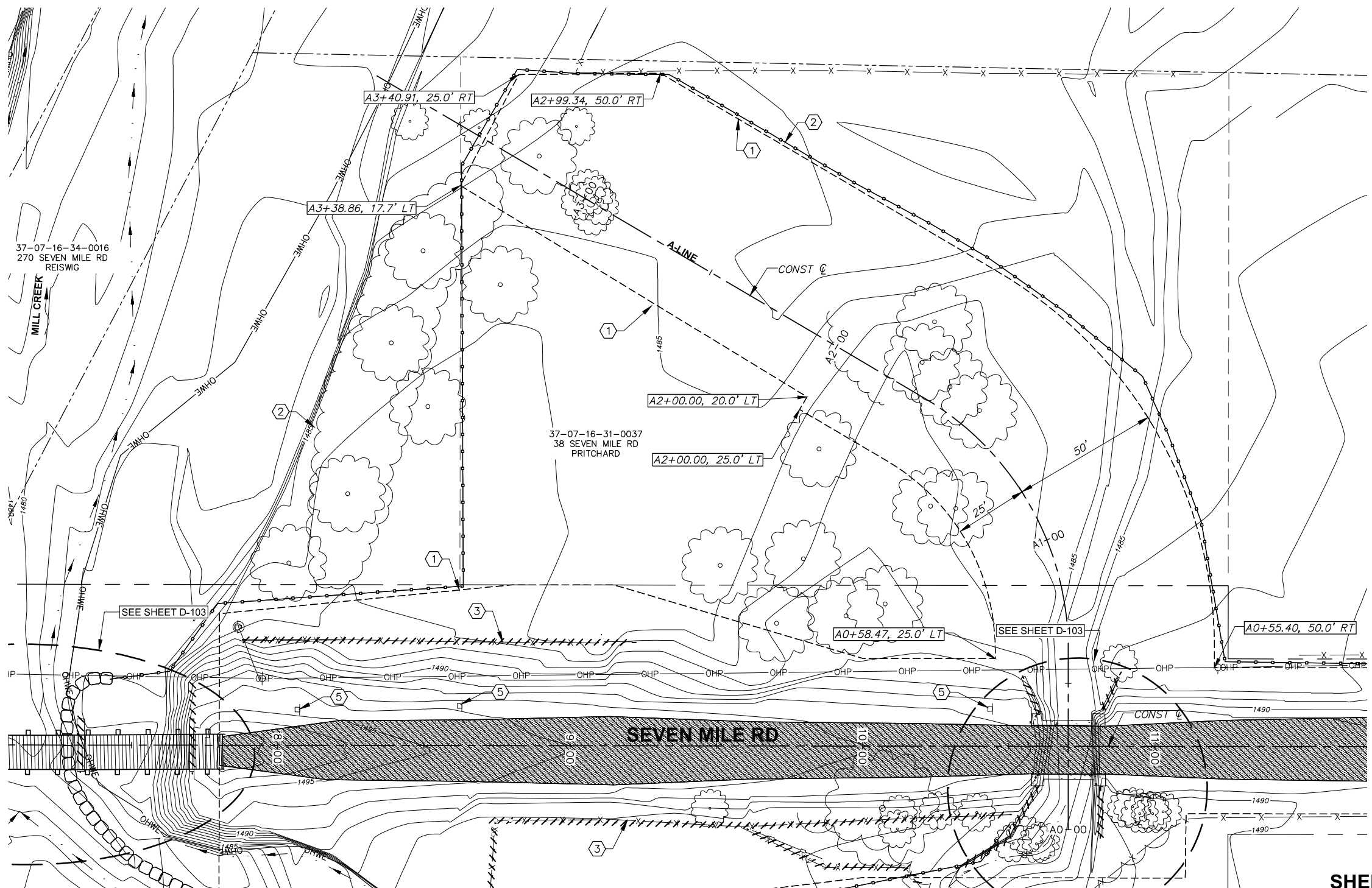
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WALLA WALLA COUNTY SEVEN MILE BRIDGE ON SEVEN MILE ROAD MP 2.30 TO MP 2.55 SITE PREPARATION PLAN I	SHEET
	D-101
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PLAN

SHEET LEGEND

CLEARING AND GRUBBING LIMIT	-----
REVTMENT/DIVERSION	□□□□
SILT FENCE	—●—●—●—●—
REMOVE ITEM/STRUCTURE	///////

- SHEET KEY NOTES**
- ① CLEARING AND GRUBBING LIMIT. REMOVE ALL VEGETATION AND ORGANIC DEBRIS BETWEEN LIMIT SHOWN AND CONSTRUCTION Q.
 - ② HIGH VISIBILITY SILT FENCE. SEE WSDOT STD PLAN 1-30.17-01
 - ③ REMOVE EXTG FENCE
 - ④ SAWCUT AND REMOVE EXTG HMA/BST. APPROXIMATE THICKNESS 0.33'. EXTG HMA/BST MAY BE INCORPORATED INTO THE SUBGRADE ABOVE THE 3' DEPTH SPECIFIED IN SECTION 2-02.3(3), PROVIDED IT IS GROUND/PULVERIZED.
 - ⑤ REMOVE AND SALVAGE EXTG SIGN AND DELIVER TO WALLA WALLA COUNTY PUBLIC WORKS SHOP.
 - ⑥ SALVAGE AND TEMPORARILY RELOCATE ADDRESS MARKER. SEE STRIPING PLANS.

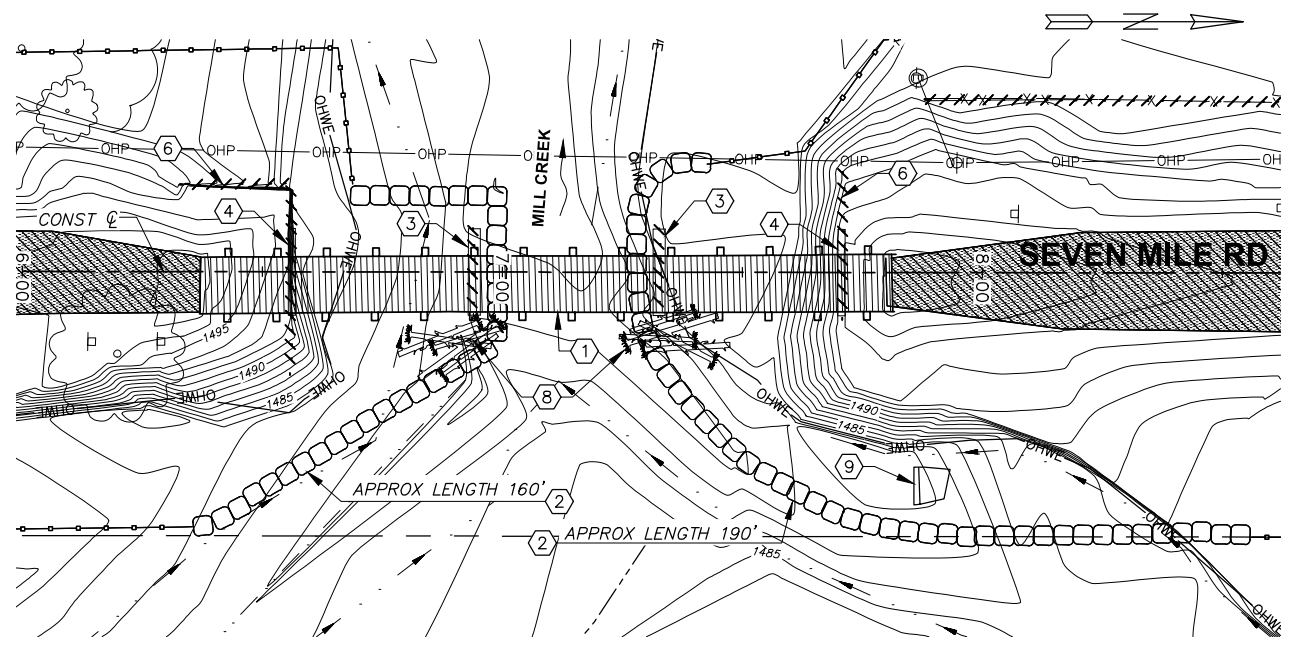


REVISION	BY	DATE	SCALE IN FEET
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REVIEWED BY L. KEENAN			
JOB NUMBER 394-155	DATE March 25, 2026		
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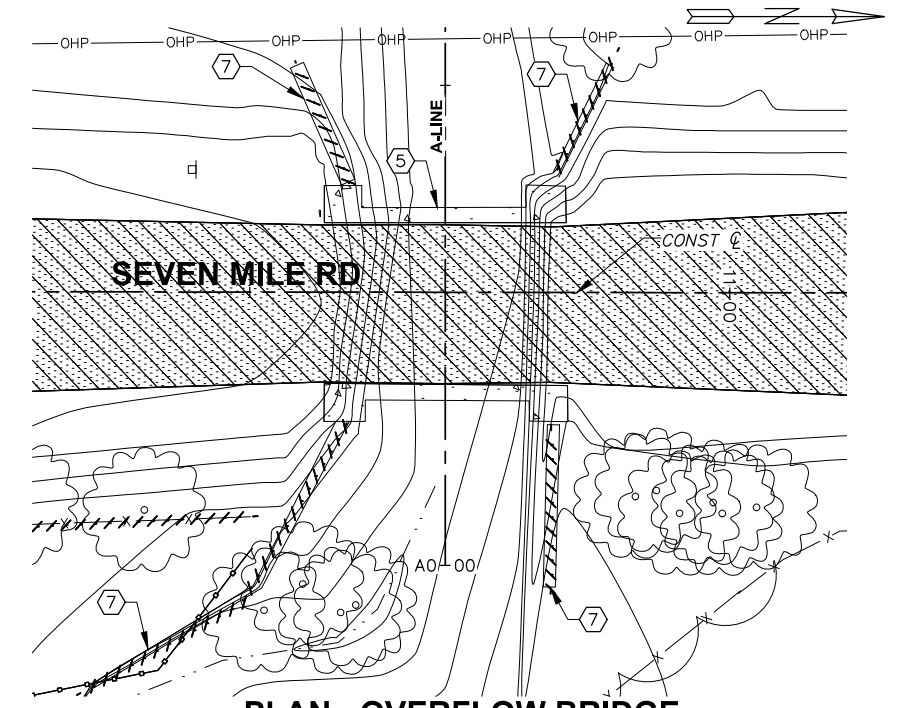
anderson perry

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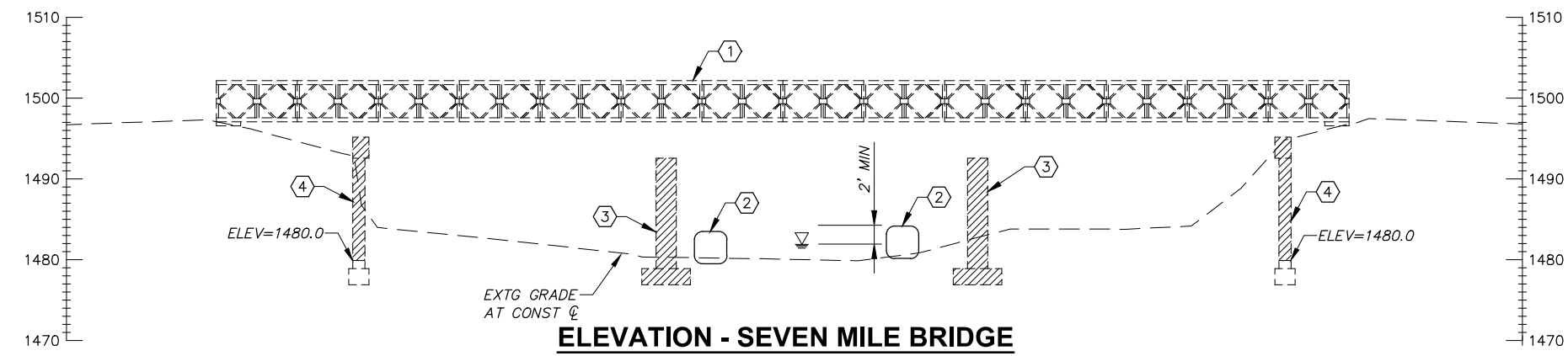
WALLA WALLA COUNTY SEVEN MILE BRIDGE ON SEVEN MILE ROAD MP 2.30 TO MP 2.55	SHEET
SITE PREPARATION PLAN II	D-102
	5 OF 30



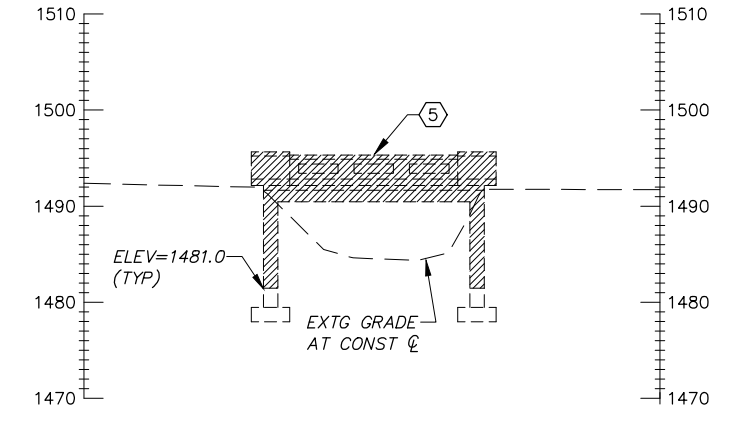
PLAN - SEVEN MILE BRIDGE
 SCALE IN FEET



PLAN - OVERFLOW BRIDGE
 SCALE IN FEET



ELEVATION - SEVEN MILE BRIDGE
 SCALE IN FEET



ELEVATION - OVERFLOW BRIDGE
 SCALE IN FEET

DEWATERING NOTES

- ALL WORK PERFORMED BELOW THE OHWE SHALL BE PERFORMED DURING THE IN-WATER WORK WINDOW SPECIFIED IN THE HPA.
- ALL WORK AREAS WITHIN THE OHWE SHALL BE ISOLATED FROM THE ACTIVE STREAM FLOW BY A COMBINATION OF TEMPORARY CHANNELS, SANDBAGS, PRECAST CONCRETE BLOCKS, PLASTIC SHEETING, OR OTHER SUITABLE MATERIALS APPROVED BY THE ENGINEER. THE STREAM DIVERSIONS/ISOLATION SHALL BE CONSTRUCTED A MINIMUM OF 2 FEET ABOVE THE CHANNEL FLOW AT THE TIME OF CONSTRUCTION.
- DIVERSIONS MAY BE CONSTRUCTED AT LOCATIONS OTHER THAN THOSE SHOWN DEPENDING ON THE CHANNEL CONDITIONS AT THE TIME OF THE WORK AND THE CONTRACTOR'S SEQUENCING.
- NO DIVERSIONS SHALL BE CONSTRUCTED OR REMOVED WITHOUT THE APPROVAL OF THE ENGINEER.
- FISH REMOVAL WORK (BY OTHERS) WILL BE REQUIRED PRIOR TO ISOLATING OR DIVERTING ANY STREAM FLOWS.
- EROSION CONTROL MEASURES SHALL BE INSTALLED AS NEEDED DURING THE CONTRACTOR'S VARIOUS STAGES OF WORK TO PREVENT SILT LADEN MATERIAL FROM ENTERING THE ACTIVE WATERWAY.

SHEET LEGEND

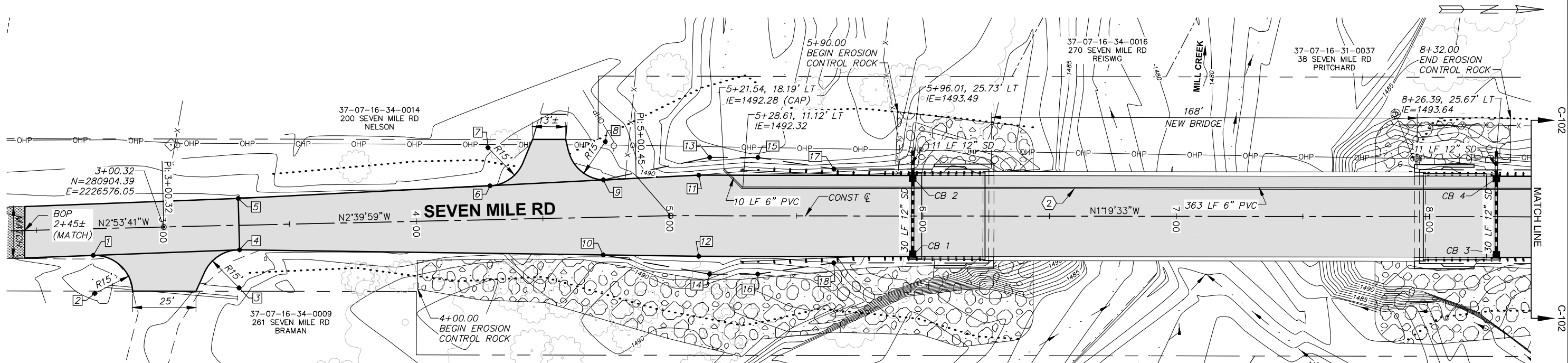
- CLEARING AND GRUBBING LIMIT - - - - -
- REVTMENT/DIVERSION [Symbol]
- SILT FENCE [Symbol]
- REMOVE ITEM/STRUCTURE [Symbol]

SHEET KEY NOTES

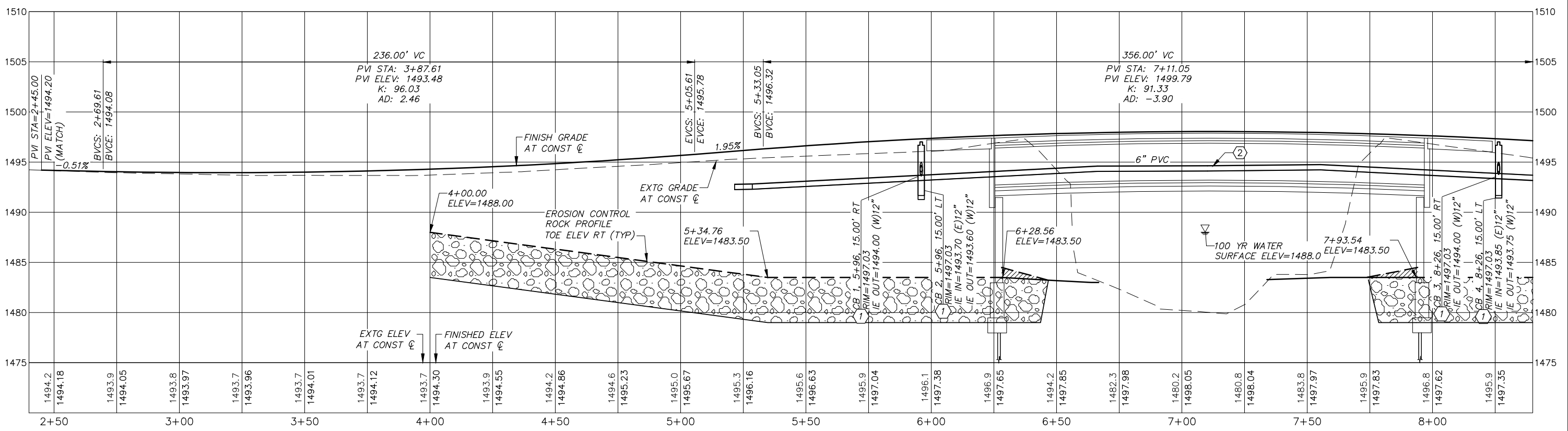
- ① TEMPORARY BRIDGE TO BE REMOVED BY OTHERS
- ② SANDBAG STREAM ISOLATION REVTMENT, SEE DEWATERING NOTES.
- ③ COMPLETELY REMOVE CONCRETE PIER
- ④ REMOVE CONCRETE ABUTMENT AND TIMBER BACKWALL TO ELEVATION SHOWN
- ⑤ REMOVE CONCRETE BRIDGE TO ELEVATION SHOWN
- ⑥ REMOVE GABION BASKETS
- ⑦ REMOVE CONCRETE TRAINING WALL
- ⑧ REMOVE WOODY DEBRIS AS REQUIRED FOR ACCESS AND ISOLATION
- ⑨ REMOVE BROKEN CONCRETE. APPROXIMATELY 10 CY.



DESIGNED BY E. ZITTERKOPF		JOB NUMBER 394-155		DATE March 25, 2026			WALLA WALLA COUNTY SEVEN MILE BRIDGE ON SEVEN MILE ROAD MP 2.30 TO MP 2.55 BRIDGE REMOVAL PLAN	SHEET
DRAWN BY E. ZITTERKOPF		ACAD FILE: 394-155-060D-103.DWG		FED AID NO. BROS-2036(038)				D-103
REVIEWED BY L. KEENAN		COPYRIGHT 2026 BY ANDERSON PERRY & ASSOC., INC.						6 OF 30



PLAN



PROFILE

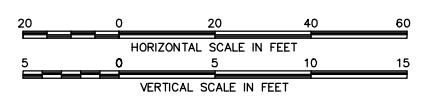
SHEET KEY NOTES

- ① TYPE 1L CATCH BASIN, SEE WSDOT STD PLAN B-5.40-02
- ② 6-IN DIAM. PVC SLEEVE (SCH 40)



LEGEND
 POINT LABEL
 (SEE SHT C-301)

DESIGNED BY	E. ZITTERKOPF	JOB NUMBER	394-155	DATE	March 25, 2026
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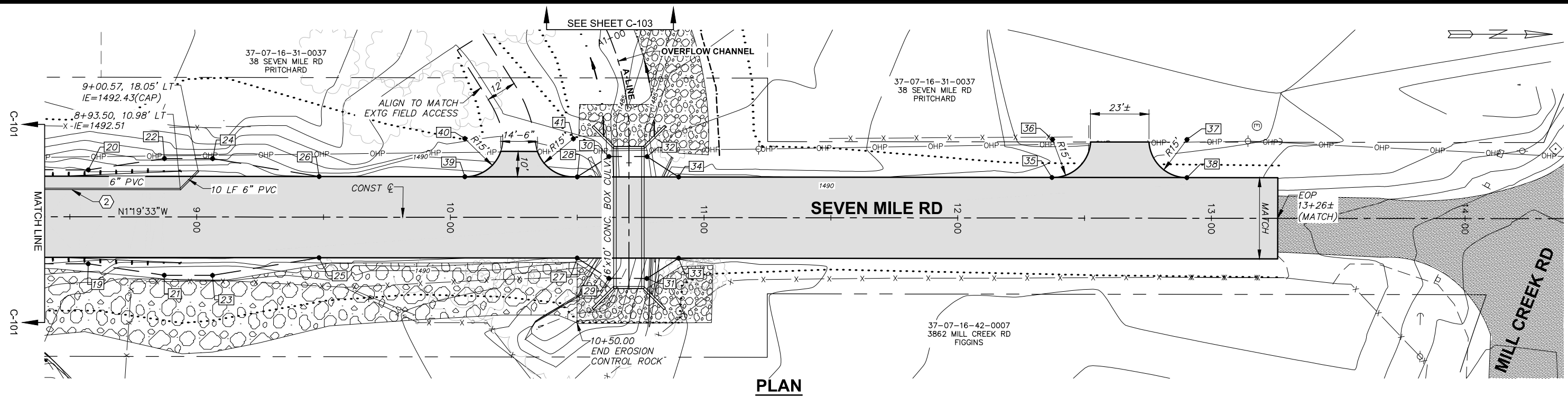


WALLA WALLA COUNTY
 SEVEN MILE BRIDGE ON SEVEN MILE
 ROAD MP 2.30 TO MP 2.55

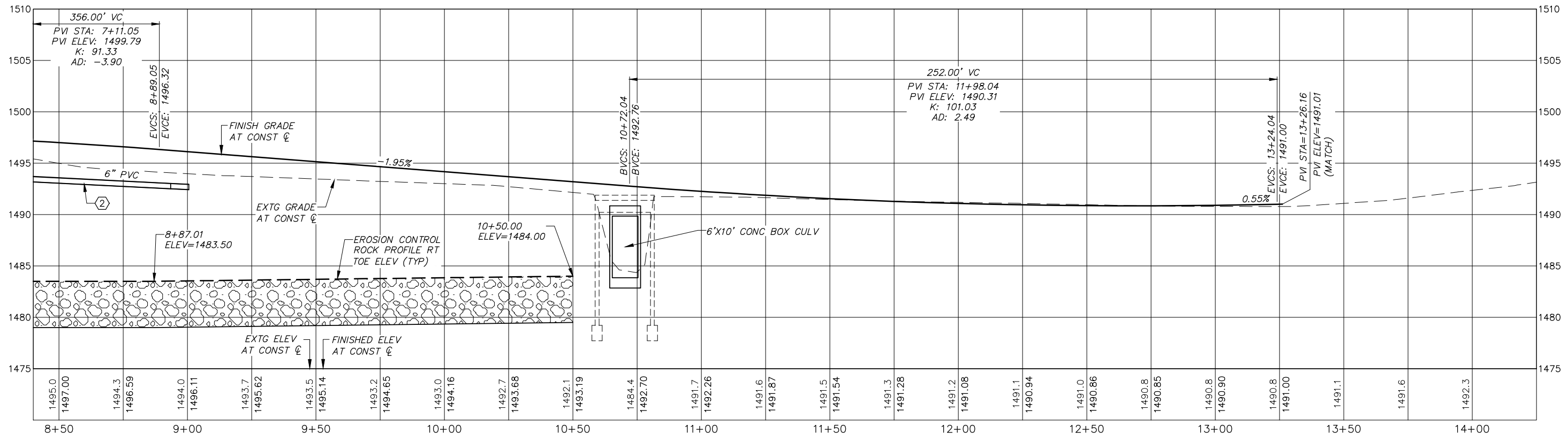
FED AID NO. BROS-2036(038)

ROAD PLAN AND PROFILE I

SHEET
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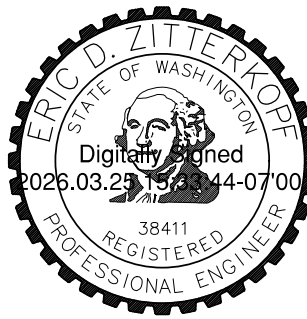
PLAN



PROFILE

SHEET KEY NOTES

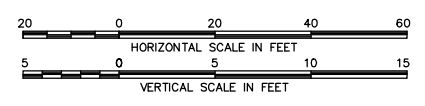
- ① TYPE 1L CATCH BASIN, SEE WSDOT STD PLAN B-5.40-02
- ② 6-IN DIAM. PVC SLEEVE (SCH 40)



LEGEND

POINT LABEL (SEE SHT C-301) ②

REVISION	BY	DATE	JOB NUMBER 394-155	DATE March 25, 2026
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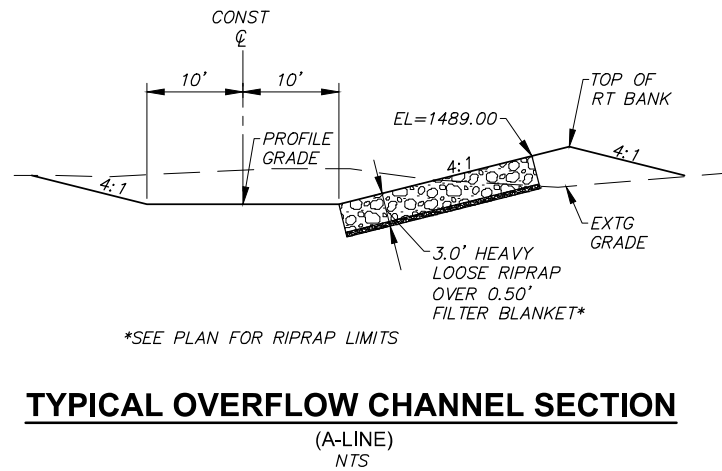


WALLA WALLA COUNTY
SEVEN MILE BRIDGE ON SEVEN MILE ROAD MP 2.30 TO MP 2.55

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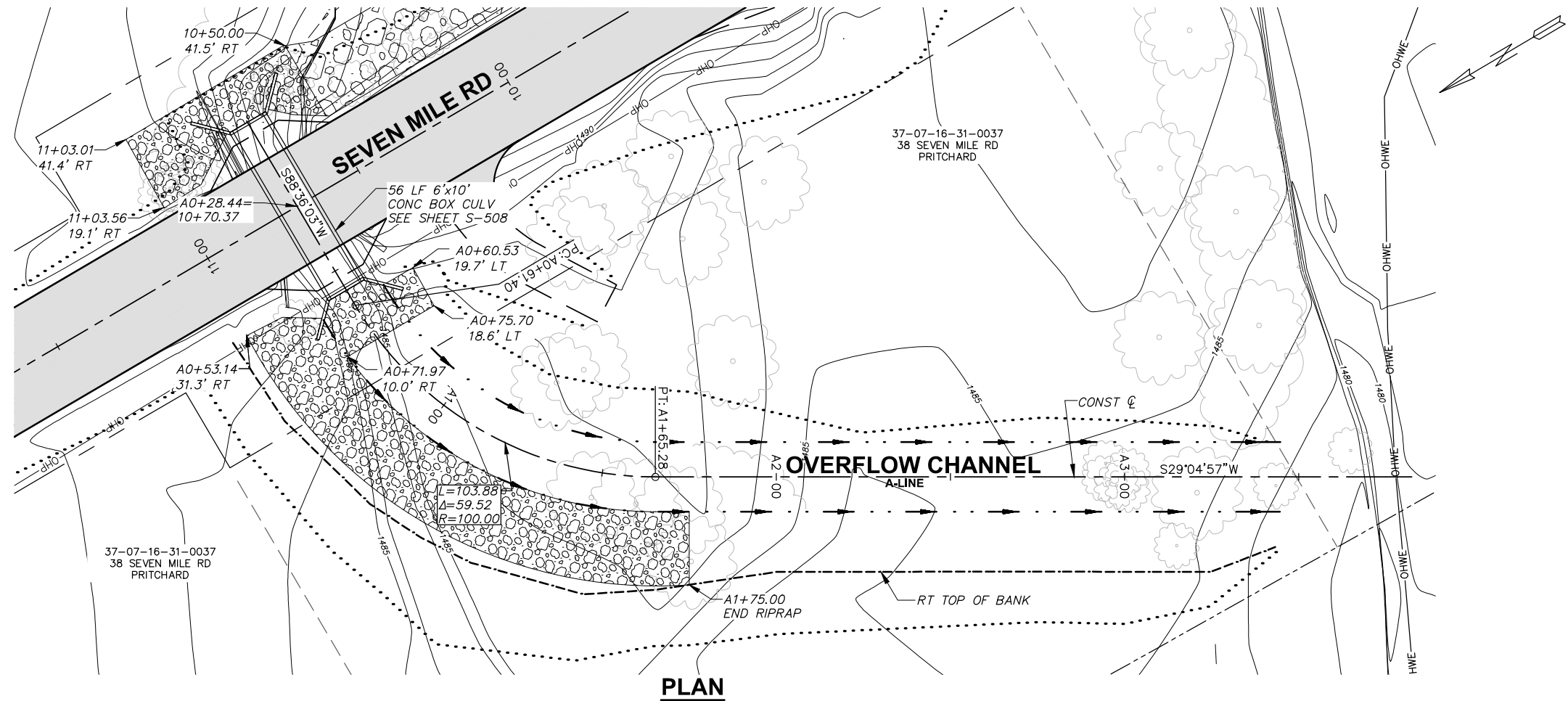
ROAD PLAN AND PROFILE II

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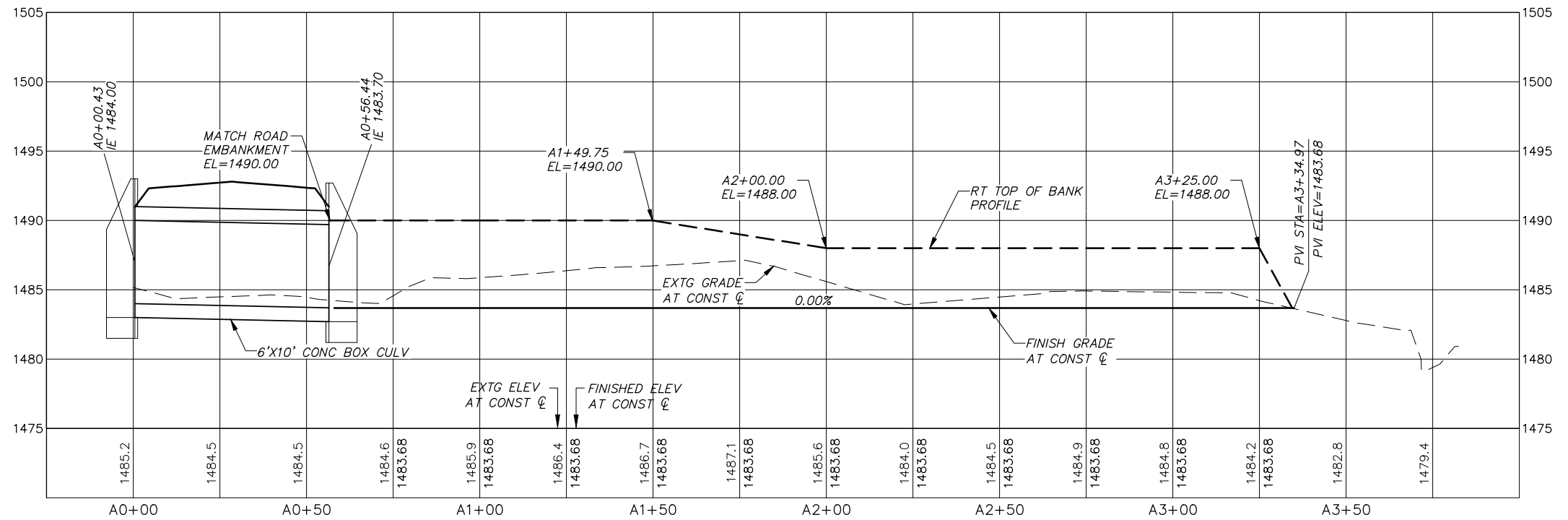


TYPICAL OVERFLOW CHANNEL SECTION

(A-LINE)
NTS



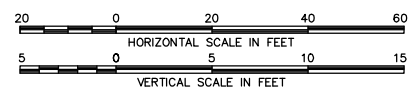
PLAN



PROFILE



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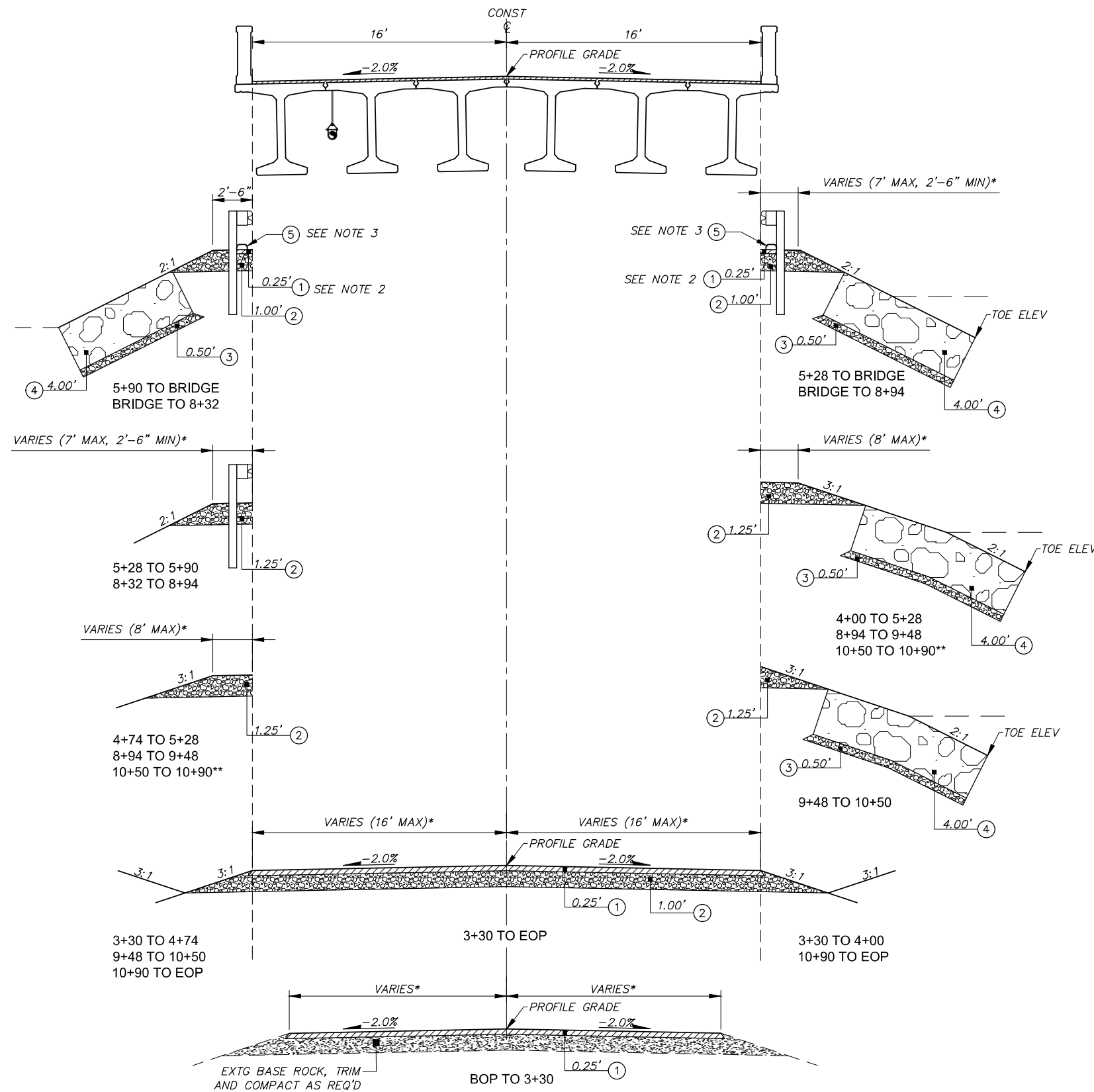
WALLA WALLA COUNTY
SEVEN MILE BRIDGE ON SEVEN MILE
ROAD MP 2.30 TO MP 2.55

OVERFLOW CHANNEL PLAN AND PROFILE

SHEET

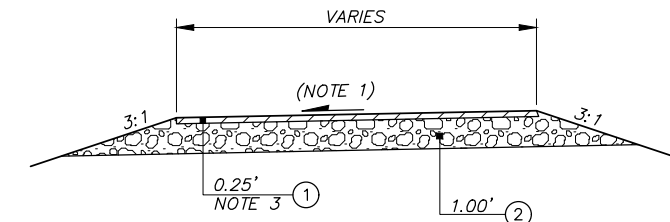
C-103

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ROADWAY POINT TABLE SHEET C-101			
POINT	DESCRIPTION	STATION	OFFSET
1	PC	2+72.20	10.49 RT
2	RP	2+72.38	25.49 RT
3	RP	3+29.50	24.69 RT
4	PT	3+30.04	9.70 RT
5	AP	3+29.96	10.55 LT
6	PC	4+29.40	13.39 LT
7	RP	4+28.97	28.38 LT
8	RP	4+75.30	29.70 LT
9	PT	4+74.19	14.74 LT
10	AP	4+73.49	14.89 RT
11	AP	5+11.56	16.00 LT
12	AP	5+11.59	16.00 RT
13	AP	5+15.85	23.00 LT
14	AP	5+15.85	23.00 RT
15	AP	5+34.85	23.00 LT
16	AP	5+34.85	23.00 RT
17	AP	5+64.85	18.50 LT
18	AP	5+64.85	18.50 RT

ROADWAY POINT TABLE SHEET C-102			
POINT	DESCRIPTION	STATION	OFFSET
19	AP	8+57.26	18.50 RT
20	AP	8+57.26	18.50 LT
21	AP	8+87.26	23.00 RT
22	AP	8+87.26	23.00 LT
23	AP	9+06.26	23.00 RT
24	AP	9+06.26	23.00 LT
25	AP	9+48.26	16.00 RT
26	AP	9+48.26	16.00 LT
27	AP	10+50.00	16.00 RT
28	AP	10+50.00	16.00 LT
29	AP	10+62.50	24.00 RT
30	AP	10+62.50	24.00 LT
31	AP	10+77.50	24.00 RT
32	AP	10+77.50	24.00 LT
33	AP	10+90.00	16.00 RT
34	AP	10+90.00	16.00 LT
35	PC	12+37.11	16.00 LT
36	RP	12+37.34	31.00 LT
37	RP	12+90.34	31.00 LT
38	PT	12+90.34	16.00 LT
39	PC	10+05.68	16.00 LT
40	RP	10+05.68	31.00 LT
41	RP	10+48.46	31.00 LT



- NOTES:**
- GRADE TO DRAIN, MAX CROSS SLOPE 4%, MAX VERTICAL GRADE 10%.
 - PROFILE APPROACHES TO MATCH WITHIN DISTANCE SHOWN ON PLAN.
 - PAVE TO LIMITS SHOWN ON PLAN.

TYPICAL APPROACH ROAD SECTION
NTS

GENERAL NOTES

- SEE PLAN AND PROFILE SHEETS FOR TRANSITION AREAS AND TOE ELEV.
- PAVE TO FACE OF GUARDRAIL POSTS FROM END OF CATCH BASIN TO APPROACH SLAB.
- EXTRUDED CURB TO RUN FROM END OF APPROACH SLAB CURB TO LOW SIDE OF CATCH BASIN. SEAL JOINT BETWEEN APPROACH SLAB CURB AND EXTRUDED CURB WITH DOW CORNING 902 RCS JOINT SEALANT.

SHEET KEY NOTES

- HMA CL. 1/2-IN. PG 64H-28
- CRUSHED SURFACING BASE COURSE
- FILTER BLANKET
- CLASS C ROCK FOR EROSION CONTROL AND SCOUR PROTECTION
- TYPE 5 EXTRUDED CURB, SEE WSDOT STD PLAN F-10.42-00

* WIDTH VARIES, SEE PLAN
** SEE SHEET C-103 FOR EMBANKMENT ARMORING AT BOX CULVERT

TYPICAL ROAD SECTION

NTS



DESIGNED BY	E. ZITTERKOPF	JOB NUMBER	394-155	DATE	March 25, 2026
DRAWN BY	E. ZITTERKOPF	ACAD FILE:	394-155-060C-301.DWG		
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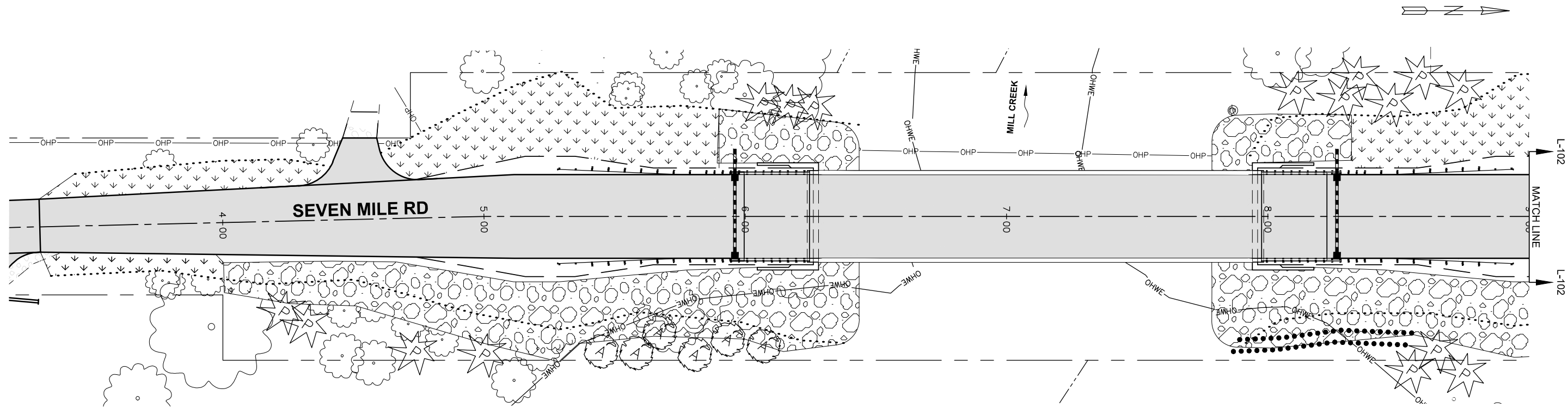


WALLA WALLA COUNTY
SEVEN MILE BRIDGE ON SEVEN MILE
ROAD MP 2.30 TO MP 2.55

TYPICAL ROAD SECTIONS

SHEET
C-301
10 OF 30

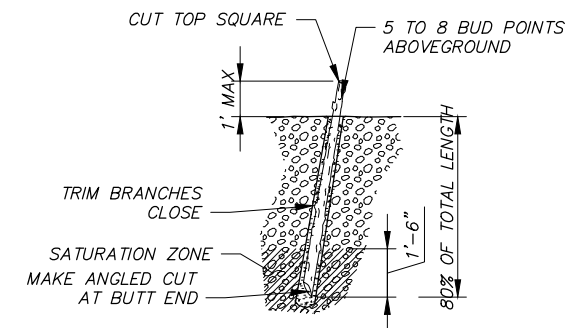
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PLAN

LEGEND

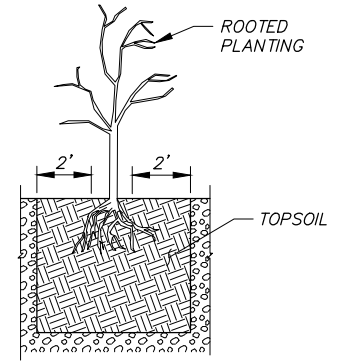
- BLACK COTTONWOOD (1-GALLON CONTAINER)
(POPULUS TRICHOCARPA)
14 REQ'D
- GRAY ALDER (1-GALLON CONTAINER)
(ALNUS INCANA)
6 REQ'D
- PONDEROSA PINE (5-GALLON CONTAINER)
(PINUS PONDEROSA)
34 REQ'D
- SEEDING AREA
- LIVE STAKE CUTTING
46 REQ'D



APPROVED SPECIES

- COYOTE WILLOW – SALIX EXIGUA
- SCOULERS WILLOW – SALIX SCOULERIANA
- SITKA WILLOW – SALIX SITCHENSIS

NOTES:
1. USE HEALTHY, STRAIGHT, AND LIVE WOOD AT LEAST 1 YEAR OLD, 3/4" TO 2" DIA.



NOTES:
1. TOPSOIL SHALL EXTEND 2 FEET BEYOND ROOTBALL IN ALL DIRECTIONS.
2. SEE PLAN LEGEND FOR SPECIES.

1 **DETAIL- LIVE STAKE CUTTING**
VAR NTS

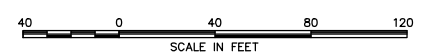
2 **DETAIL- ROOTED PLANTING**
VAR NTS

SHEET NOTES

1. LOCATION OF PLANTINGS SHALL BE DETERMINED IN THE FIELD BY THE ENGINEER.
2. LIVE STAKE CUTTINGS SHALL BE GENERALLY PLANTED ON A 3'X3' PATTERN.
3. SEE SPECIAL PROVISIONS FOR SEED MIX.



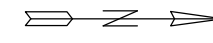
DESIGNED BY: E.ZITTERKOPF	DATE: March 25, 2026
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WALLA WALLA COUNTY
SEVEN MILE BRIDGE ON SEVEN MILE ROAD MP 2.30 TO MP 2.55

FED AID NO. BROS-2036(038)

SITE RESTORATION PLAN I

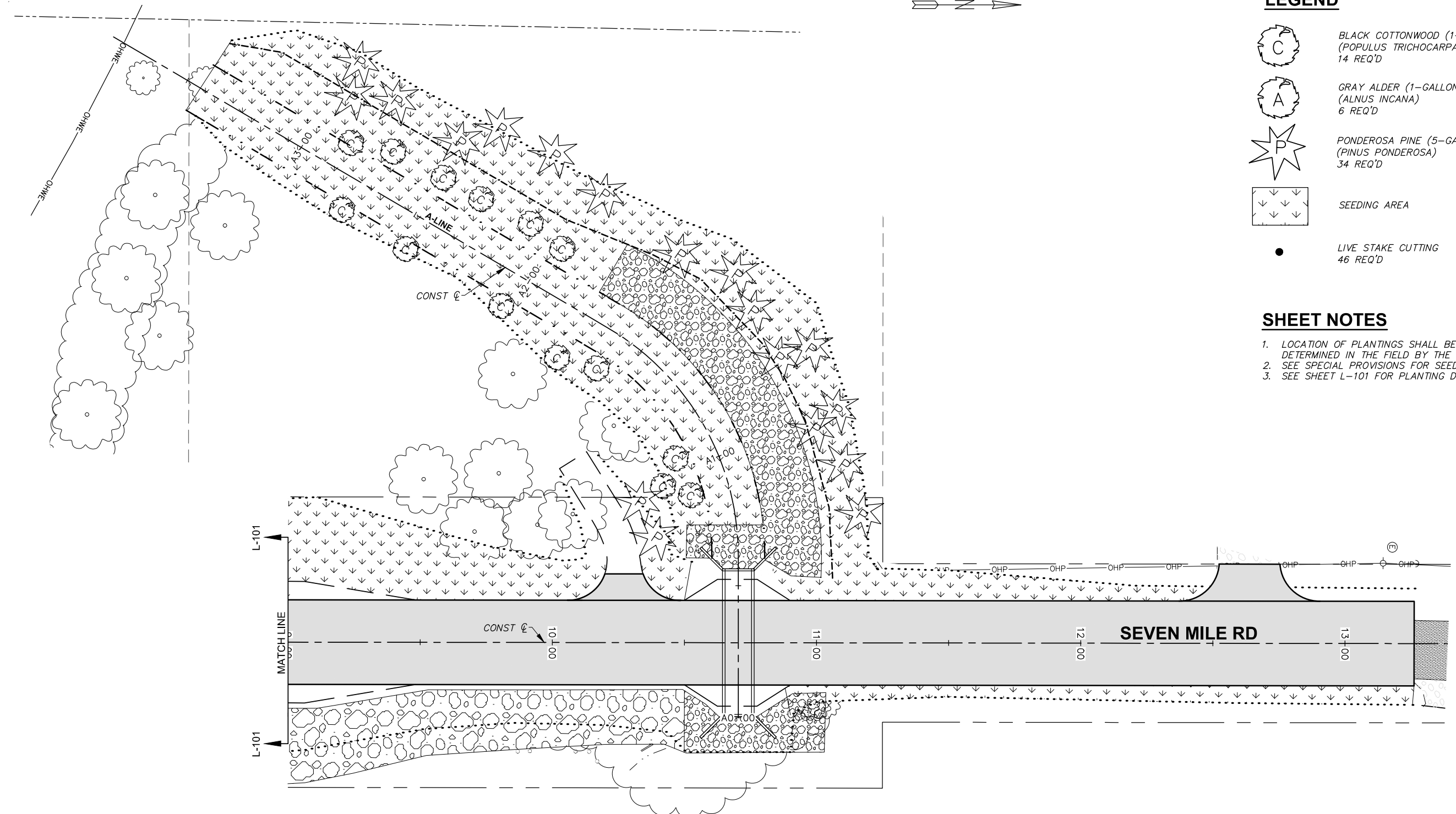


LEGEND

- BLACK COTTONWOOD (1-GALLON CONTAINER)
(POPULUS TRICHOCARPA)
14 REQ'D
- GRAY ALDER (1-GALLON CONTAINER)
(ALNUS INCANA)
6 REQ'D
- PONDEROSA PINE (5-GALLON CONTAINER)
(PINUS PONDEROSA)
34 REQ'D
- SEEDING AREA
- LIVE STAKE CUTTING
46 REQ'D

SHEET NOTES

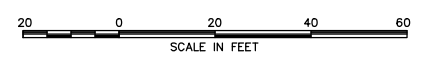
1. LOCATION OF PLANTINGS SHALL BE DETERMINED IN THE FIELD BY THE ENGINEER.
2. SEE SPECIAL PROVISIONS FOR SEED MIX.
3. SEE SHEET L-101 FOR PLANTING DETAILS.



PLAN



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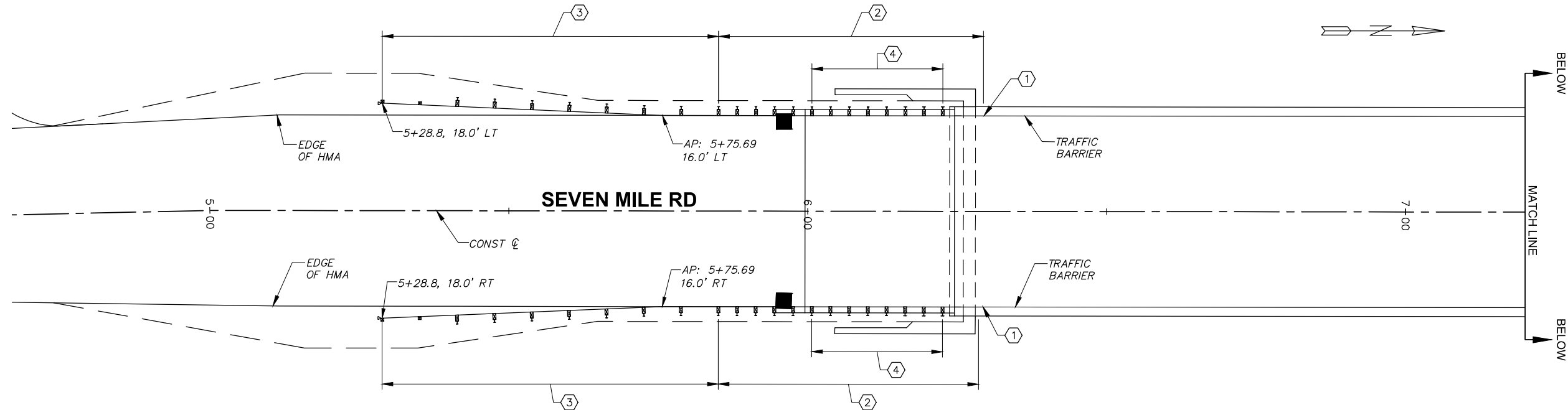


WALLA WALLA COUNTY
SEVEN MILE BRIDGE ON SEVEN MILE
ROAD MP 2.30 TO MP 2.55

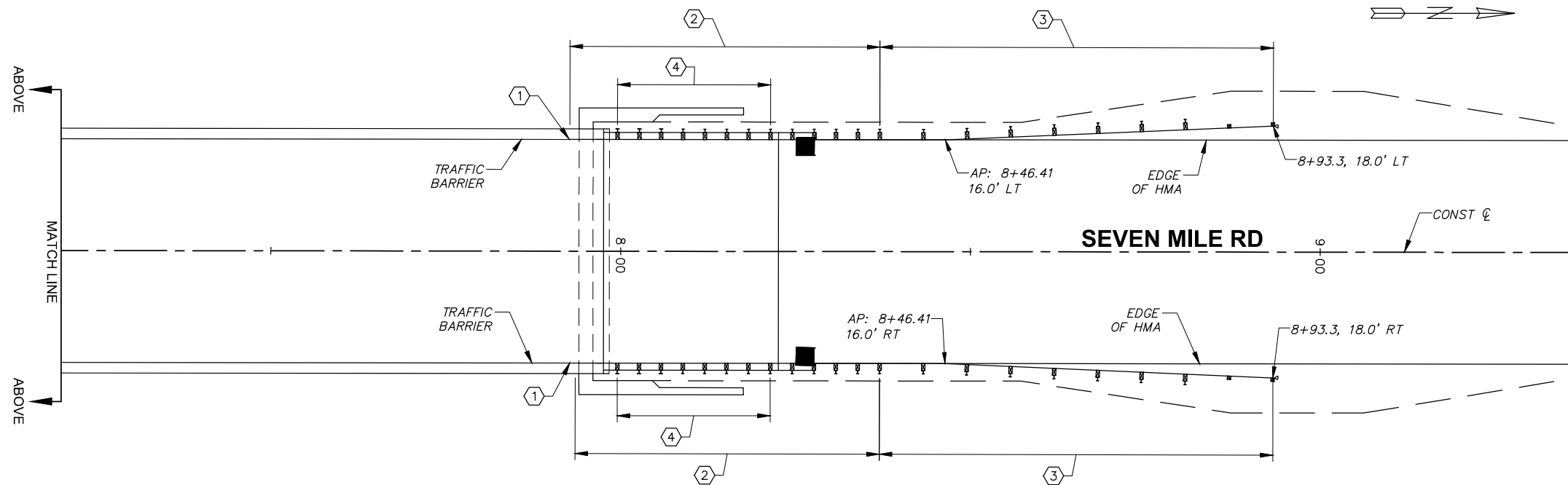
SITE RESTORATION PLAN II

SHEET
L-102
12 OF 30

FED AID NO. BROS-2036(038)



PLAN



PLAN

SHEET KEY NOTES

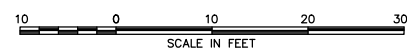
- ① GUARDRAIL CONNECTION TO BRIDGE BARRIER, TYPE D CONNECTION, SEE WSDOT STD PLAN C-24.10-05 AND SHEET S-508.
- ② BEAM GUARDRAIL (TYPE 31) TRANSITION SECTION TYPE 21, SEE WSDOT STD PLAN C-25.20-07
- ③ BEAM GUARDRAIL TYPE 31 NON-FLARED TERMINAL, SEE WSDOT STD PLAN C-22.40-11
- ④ USE 6X12 BLOCKS ON POSTS IF REQUIRED FOR CLEARANCE

SHEET NOTES

- 1. ALL POST AND SPACER BLOCKS SHALL BE NON-WOOD.



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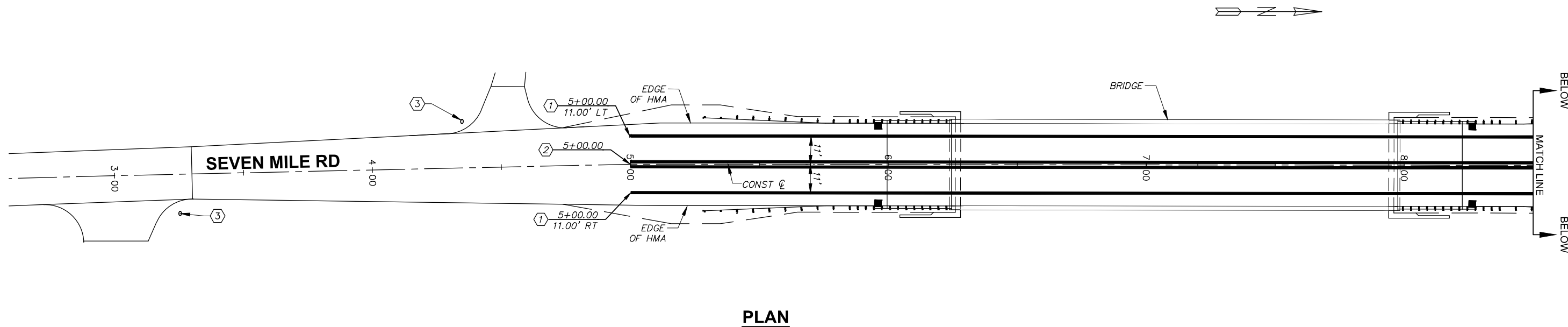
WALLA WALLA COUNTY
SEVEN MILE BRIDGE ON SEVEN MILE
ROAD MP 2.30 TO MP 2.55

GUARDRAIL PLAN

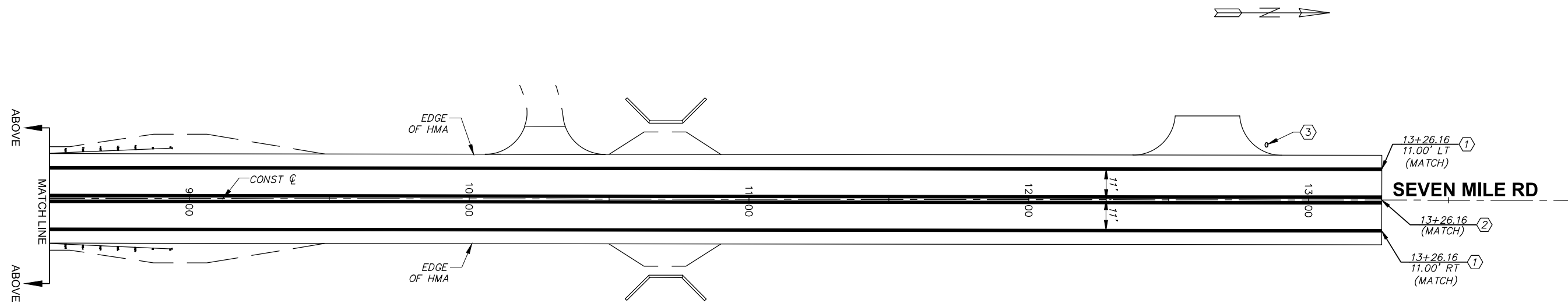
SHEET

W-101

13 OF 30



PLAN



PLAN

SHEET NOTES

1. TEMPORARILY RESET SALVAGED ADDRESS MARKERS BY PLACING IN A 5-GALLON BUCKET FILLED WITH CSBC DURING CONSTRUCTION. PERMANENTLY RESET AFTER COMPLETION OF CONSTRUCTION.

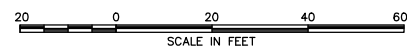
SHEET KEY NOTES

- 1 PAINTED WHITE EDGE LINE, SEE WSDOT STD PLAN M-20.10-04.
- 2 PAINTED DOUBLE YELLOW NO PASS LINE, SEE WSDOT STD PLAN M-20.10-04.
- 3 RESET SALVAGED ADDRESS MARKER. SEE SHEET NOTES.



REVISION	BY	DATE
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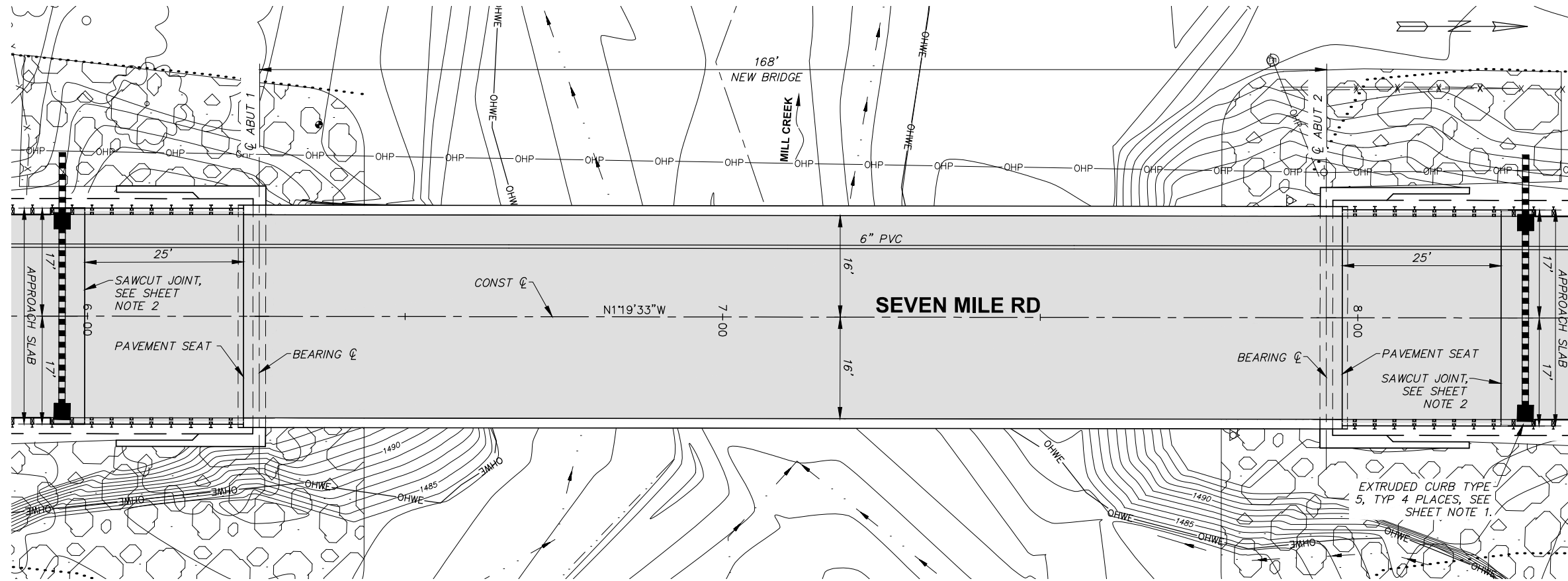
WALLA WALLA COUNTY
SEVEN MILE BRIDGE ON SEVEN MILE
ROAD MP 2.30 TO MP 2.55

STRIPING PLAN

SHEET

W-102

14 OF 30



PLAN

BRIDGE GENERAL NOTES

ALL MATERIALS AND WORK SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF THE WASHINGTON STATE DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROAD, BRIDGE, AND MUNICIPAL CONSTRUCTION (CURRENT EDITION).

DESIGN SPECIFICATIONS: THE STRUCTURE HAS BEEN DESIGNED IN ACCORDANCE WITH THE REQUIREMENTS FOR LOAD AND RESISTANCE FACTOR DESIGN IN THE "AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS", 9TH EDITION, AND THE WSDOT BRIDGE DESIGN MANUAL LRFD.

MATERIAL:
 CONCRETE SEAL: CLASS 4000W
 APPROACH SLAB CONCRETE: CLASS 4000A
 GENERAL CONCRETE: CLASS 4000
 GIRDER CONCRETE: SEE GIRDER DETAILS
 REINFORCING STEEL: SEE SHEET S-601
 PRESTRESSING STEEL: SEE GIRDER DETAILS

FINISHING:
 ALL EXPOSED CAST-IN-PLACE SURFACES ABOVE THE FINISHED GRADE TO RECEIVE A CLASS 1 FINISH. FOR THE GIRDERS, ONLY THE EXTERIOR FACES OF THE EXTERIOR GIRDERS ARE REQUIRED TO RECEIVE A CLASS 1 FINISH.

ALL EXPOSED EDGES OF CAST-IN-PLACE CONCRETE SHALL BE FORMED WITH A 1" (DIAGONAL LENGTH) CHAMFER.

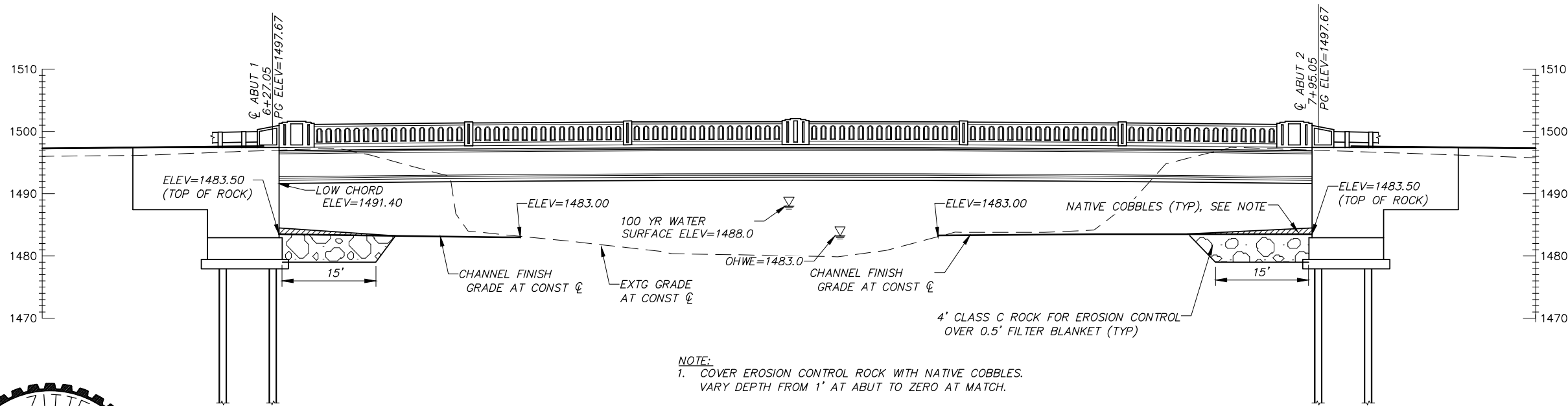
OTHER:
 UNLESS OTHERWISE SHOWN ON THE PLANS, CONCRETE COVER FROM THE FACE OF CONCRETE TO REINFORCING BARS SHALL BE 2" (3" FOR CONCRETE CAST AGAINST SOIL).

DESIGN CRITERIA

LIVE LOAD: HL93

SUPERIMPOSED DEAD LOADS:
 BRIDGE BARRIER - 690 LBS/FT
 HMA OVERLAY - 25 LBS/FT2

ESTIMATED SCOUR DEPTH: 3.3 FT (ELEV=1479.7)



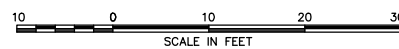
ELEVATION

SHEET NOTES

- EXTRUDED CONCRETE CURB TO RUN FROM END OF APPROACH SLAB CURB TO FAR SIDE OF CATCH BASIN. SEE WSDOT STD PLAN F-10.42-00.
- SAWCUT HMA 1" DEEP AT END OF APPROACH SLAB AND FILL WITH HOT POURED JOINT FILLER.



REVISION	BY	DATE	JOB NUMBER 394-155	DATE March 25, 2026
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WALLA WALLA COUNTY
 SEVEN MILE BRIDGE ON SEVEN MILE
 ROAD MP 2.30 TO MP 2.55

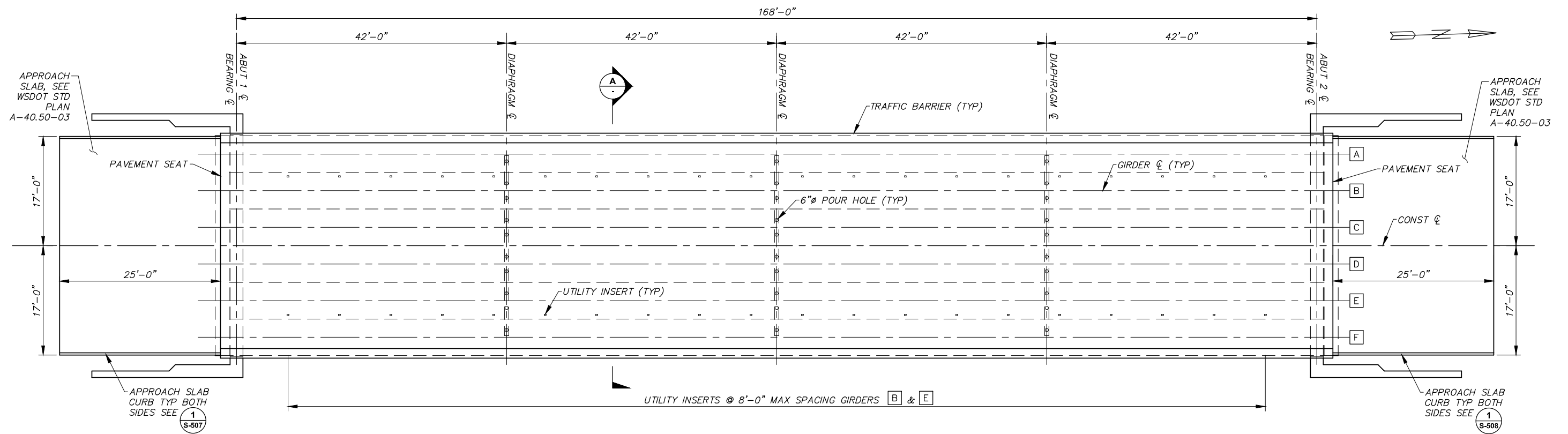
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BRIDGE LAYOUT

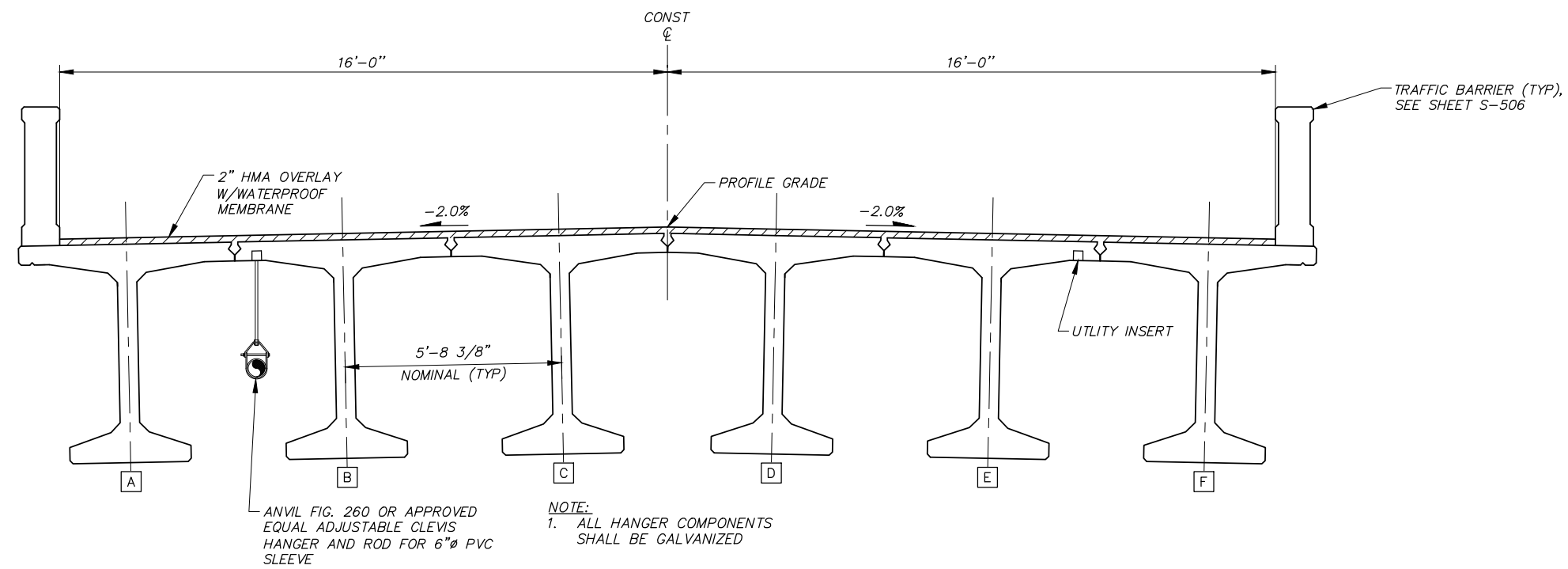
SHEET

S-101

15 OF 30



PLAN
SCALE IN FEET



SECTION
SCALE IN FEET

LEGEND
A GIRDER LABEL



DESIGNED BY	E. ZITTERKOPF	JOB NUMBER	394-155	DATE	March 25, 2026
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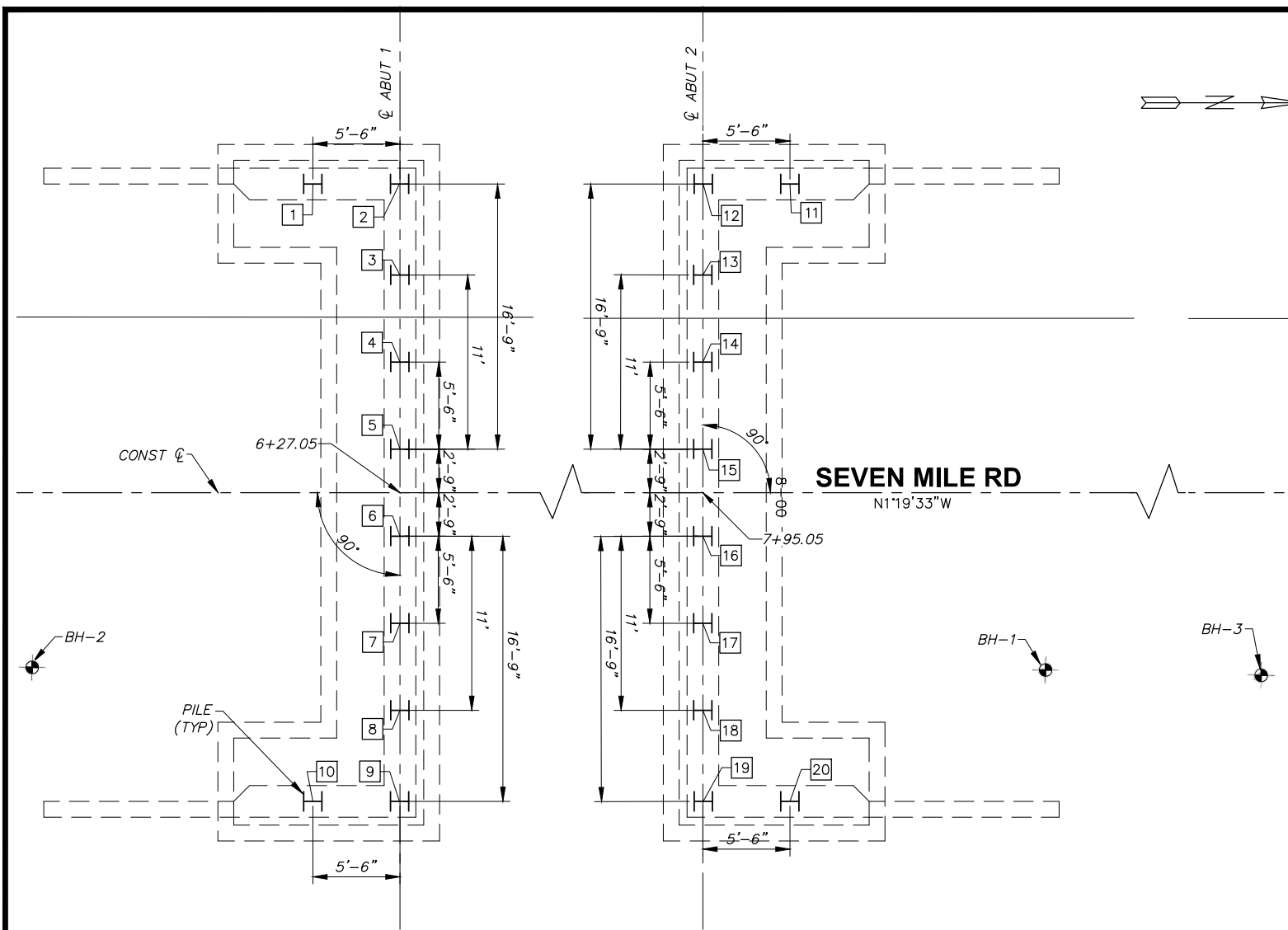


WALLA WALLA COUNTY
SEVEN MILE BRIDGE ON SEVEN MILE ROAD MP 2.30 TO MP 2.55

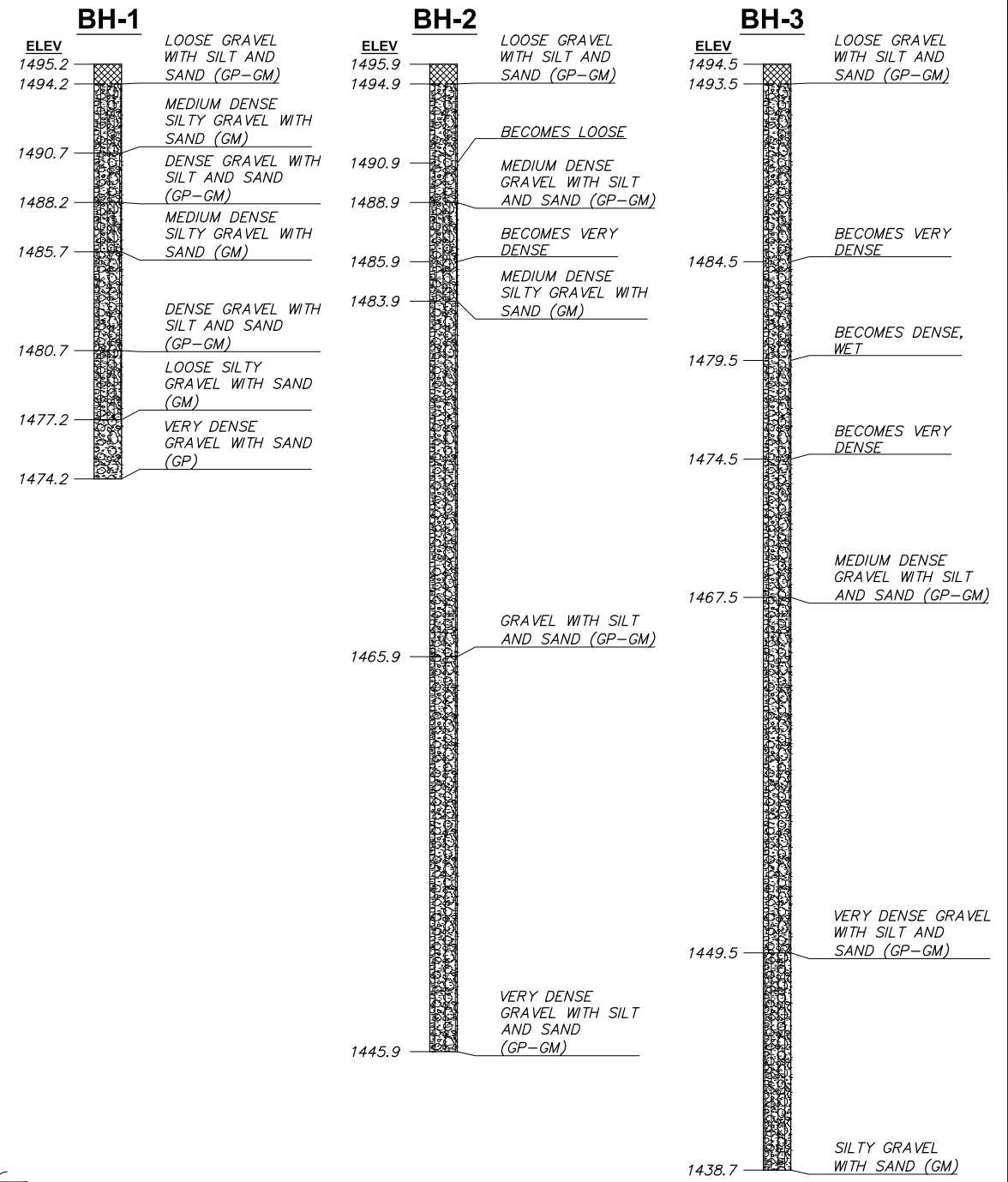
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BRIDGE FRAMING PLAN

SHEET
S-103
17 OF 30

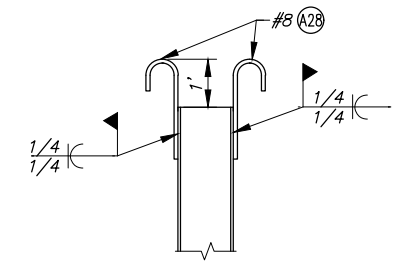


PLAN



BORING DATA

PILE DRIVING DATA				
PILE NUMBER	NOMINAL BEARING RESISTANCE (KIPS)	ANTICIPATED DRIVING RESISTANCE (KIPS)	MIN TIP ELEVATION	ESTIMATED TIP ELEVATION
ALL	305	700	1455(A)	1445(B)
ALL PILING SHALL BE HP14X89 GRADE 50 MEETING THE MATERIAL REQUIREMENTS OF SECTION 9-10.5 AND SHALL BE FITTED WITH PILE TIPS.				
(A) MINIMUM TIP ELEVATION SHOWN IS REQUIRED FOR LATERAL FIXITY				
(B) ESTIMATED TIP ELEVATION SHOWN IS BASED ON ACHIEVING NOMINAL BEARING. DRIVING MAY CEASE AT ANY ELEVATION BELOW MINIMUM TIP PROVIDED NOMINAL BEARING IS ACHIEVED.				



NOTES:
 1. REINFORCEMENT TO BE WELDED TO FLANGES OF PILE IN LINE WITH WEB.
 2. DETAIL APPLIES TO PILES 1, 10, 11, & 20.

1 **DETAIL - PILE REBAR**
 NTS

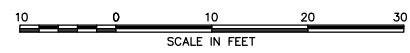
NOTES:
 1. ELEVATIONS AND BOREHOLE LOCATIONS ARE APPROXIMATE.
 2. SEE PROJECT GEOTECHNICAL REPORT FOR ADDITIONAL DETAILS.

LEGEND

1 PILE NUMBER

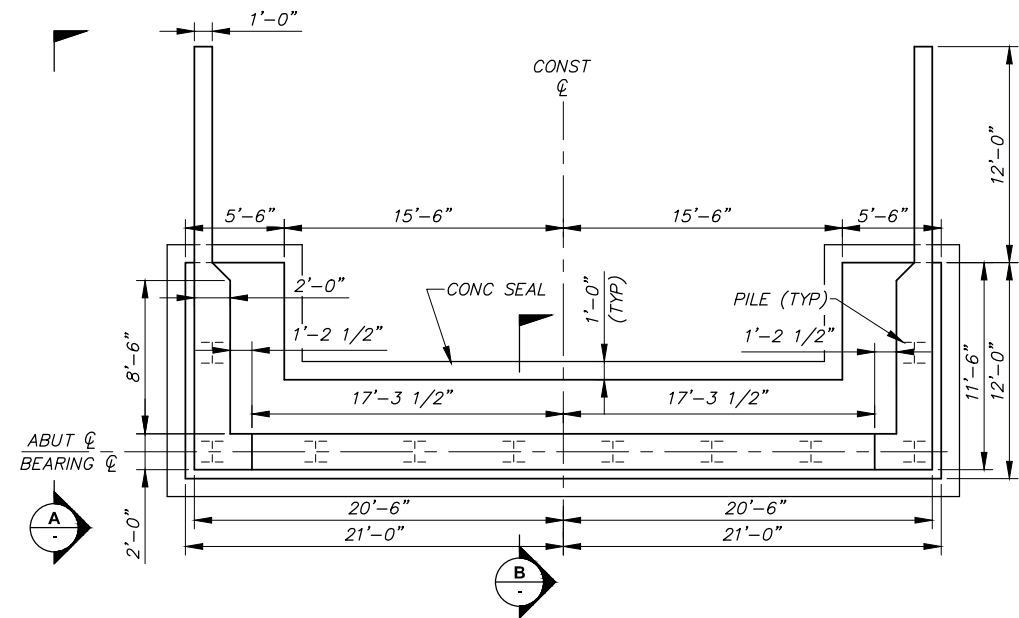


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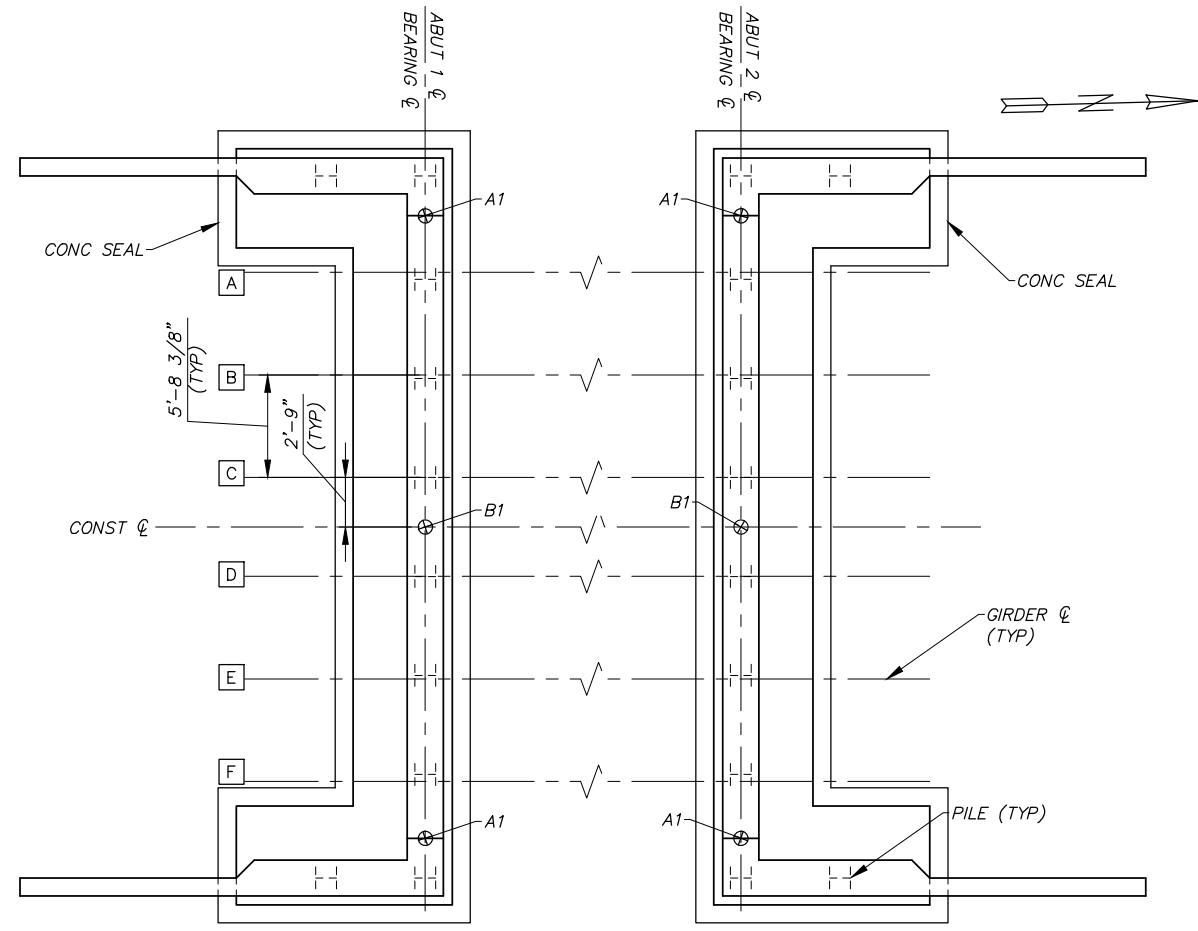


WALLA WALLA COUNTY SEVEN MILE BRIDGE ON SEVEN MILE ROAD MP 2.30 TO MP 2.55	SHEET
	S-102
PILE LAYOUT	18 OF 30

FED AID NO. BROS-2036(038)



PLAN - ABUTMENT



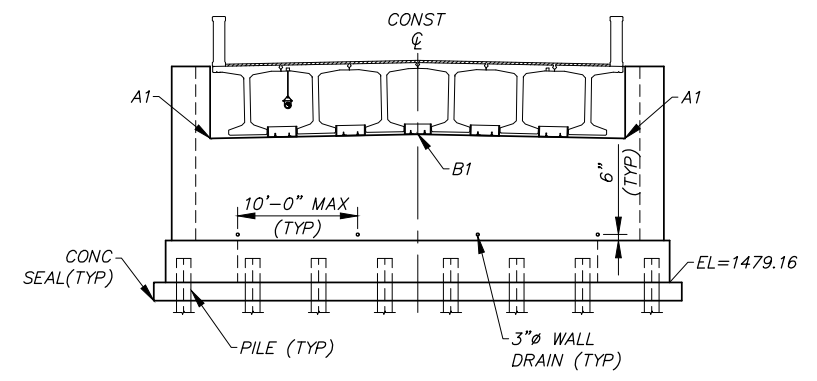
PLAN - ABUTMENT SEAT ELEVATIONS

LEGEND

[A] GIRDER LABEL
 A1 SEAT ELEVATION

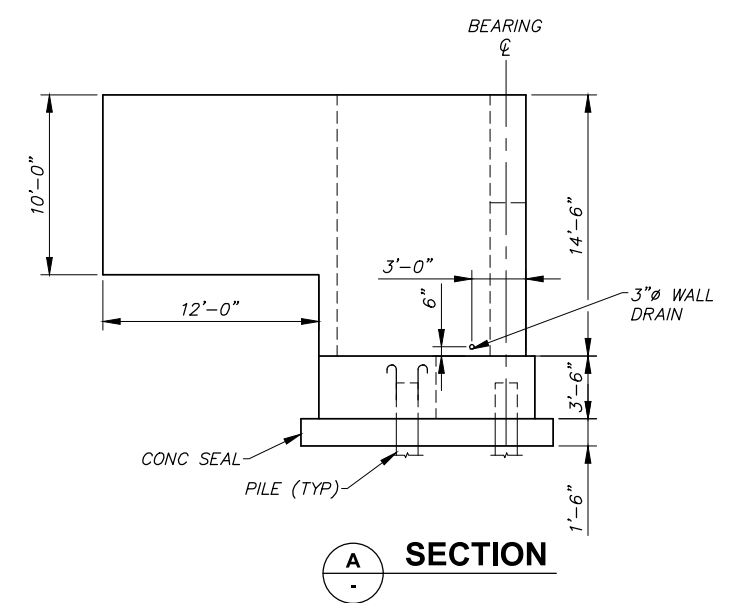
SEAT ELEVATIONS

POINT	ELEVATION
A1	1491.15
B1	1491.50

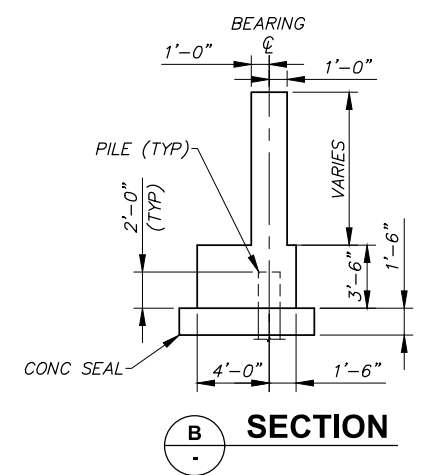


NOTE:
 ELEVATION SHOWN FOR ABUTMENT 1 LOOKING BACK ON STATION AND ABUTMENT 2 LOOKING AHEAD ON STATION.

ELEVATION - ABUTMENT
 NTS



A SECTION

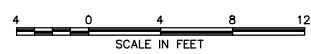


B SECTION



REVISION	BY	DATE
DESIGNED BY	E.ZITTERKOPF	
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REVIEWED BY	L.KEENAN	

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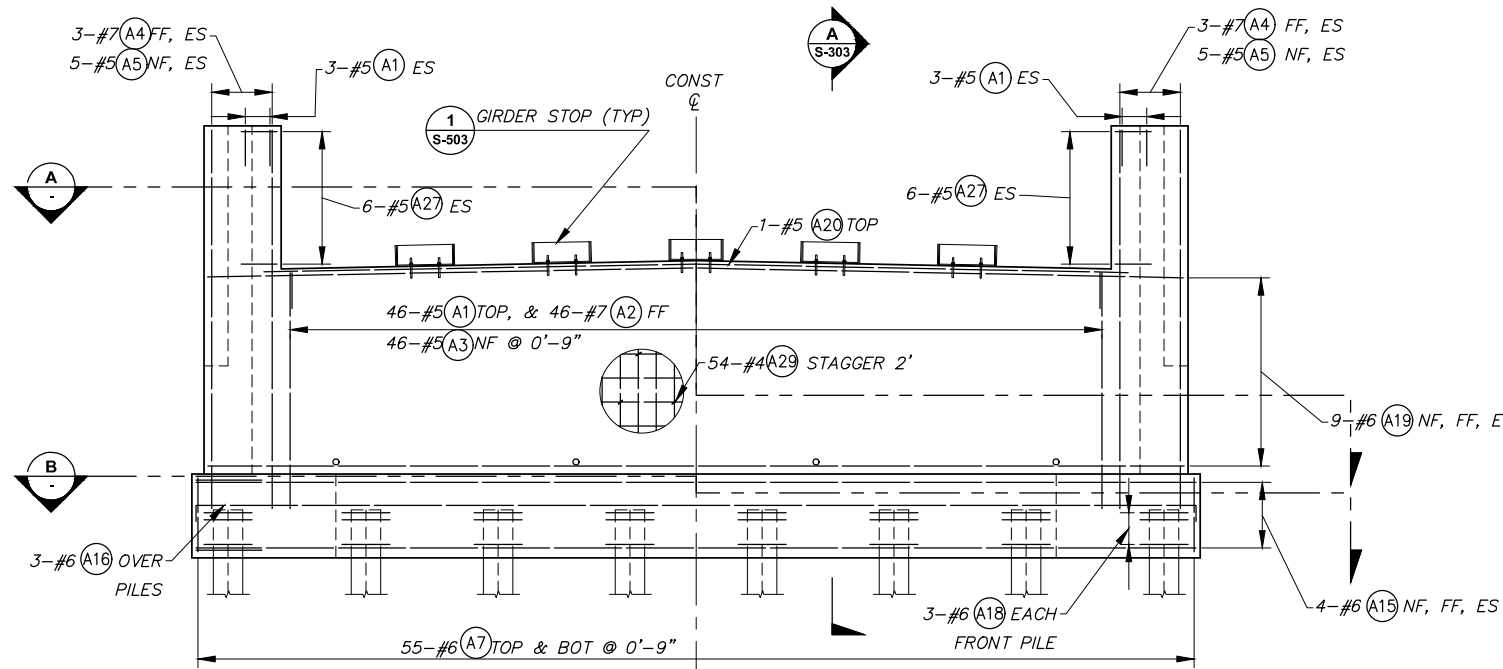


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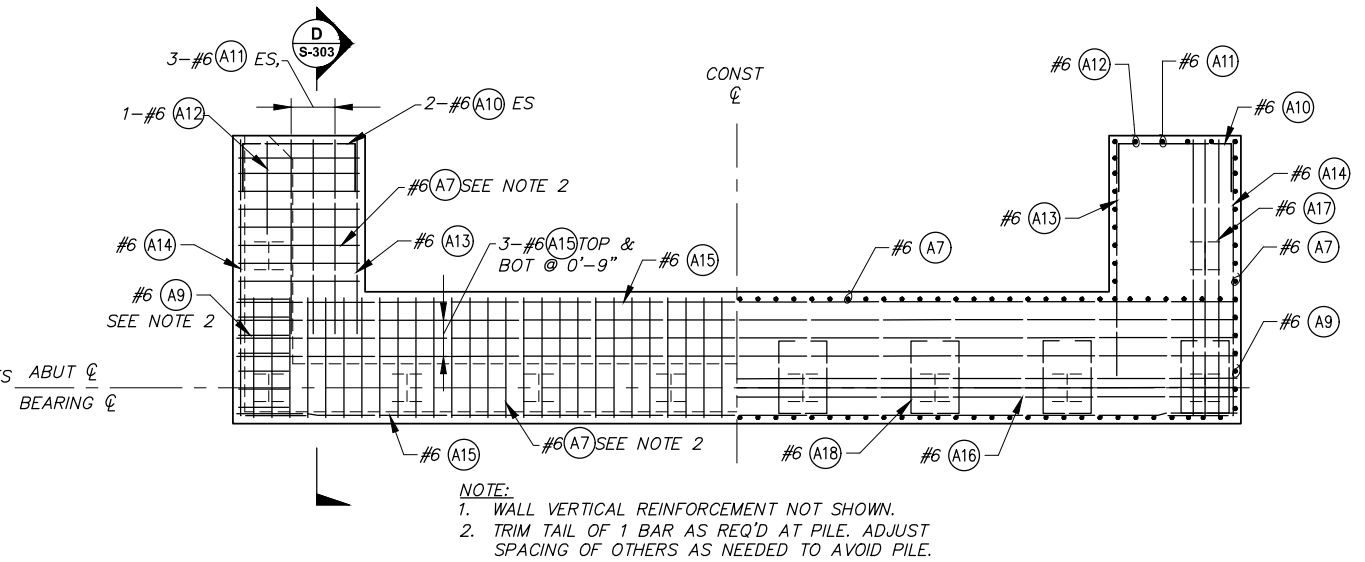


WALLA WALLA COUNTY
 SEVEN MILE BRIDGE ON SEVEN MILE ROAD MP 2.30 TO MP 2.55

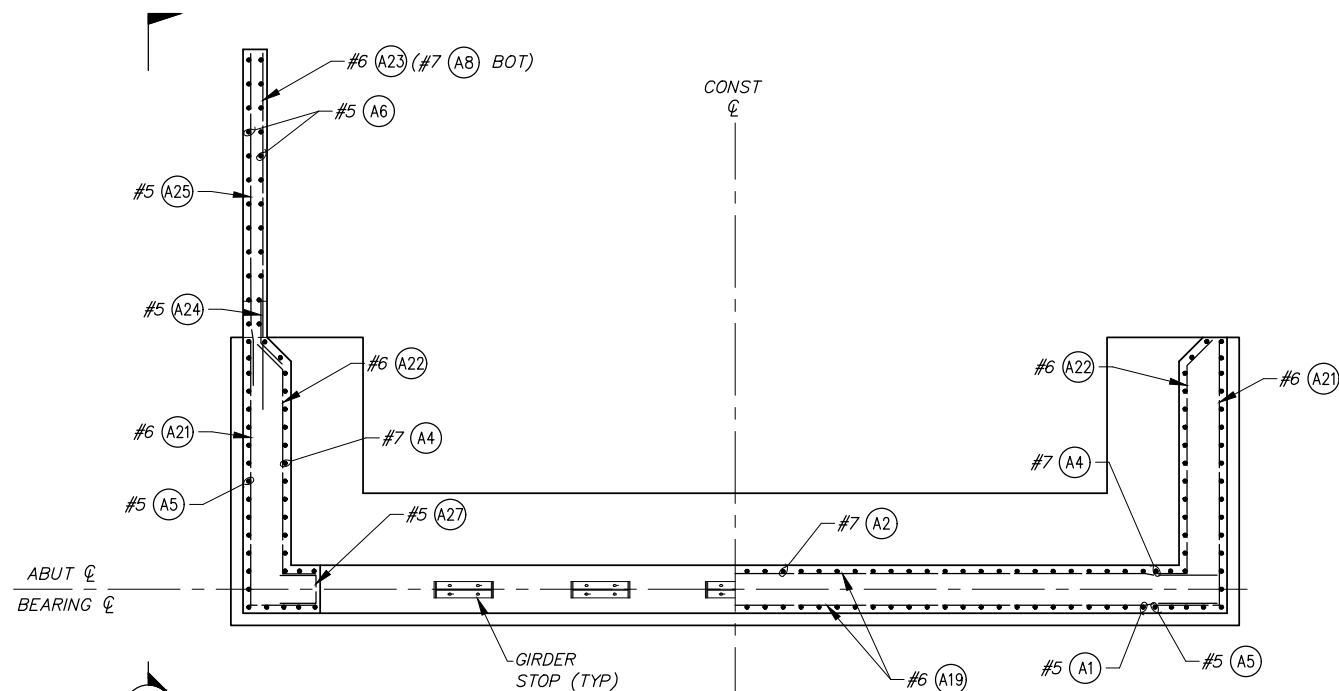
ABUTMENT PLAN AND SECTIONS I



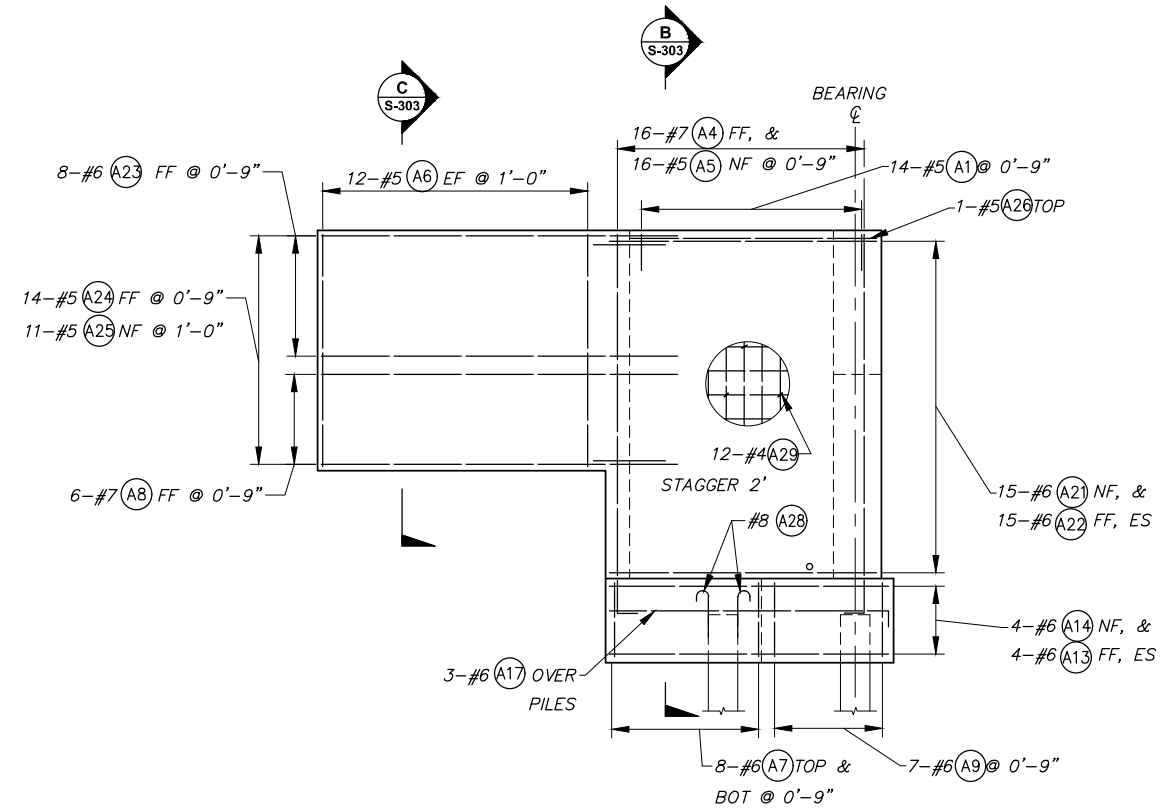
ELEVATION - ABUTMENT
NTS



B SECTION



A SECTION



C SECTION

LEGEND

↖ #5(A1) - REINFORCEMENT CALLOUT. SEE SHEET S-601 FOR BAR LIST.

SHEET NOTE

1. CONCRETE SEAL NOT SHOWN.



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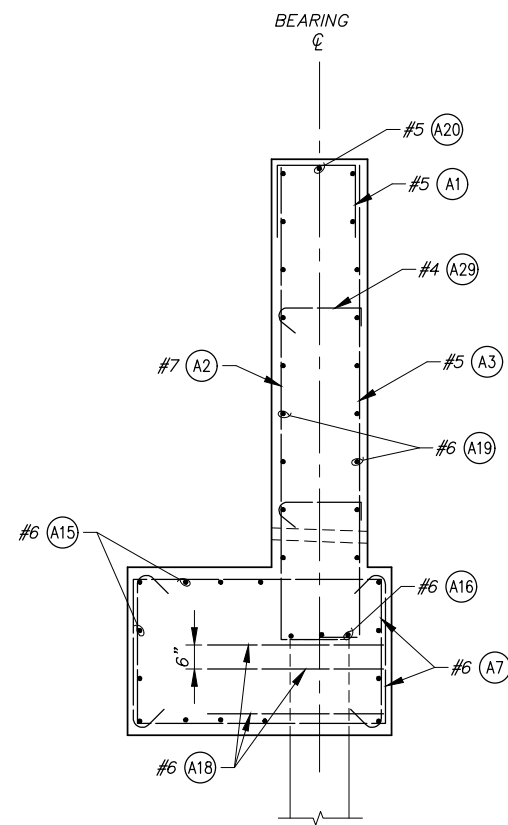
WALLA WALLA COUNTY
SEVEN MILE BRIDGE ON SEVEN MILE
ROAD MP 2.30 TO MP 2.55

ABUTMENT PLAN AND SECTIONS II

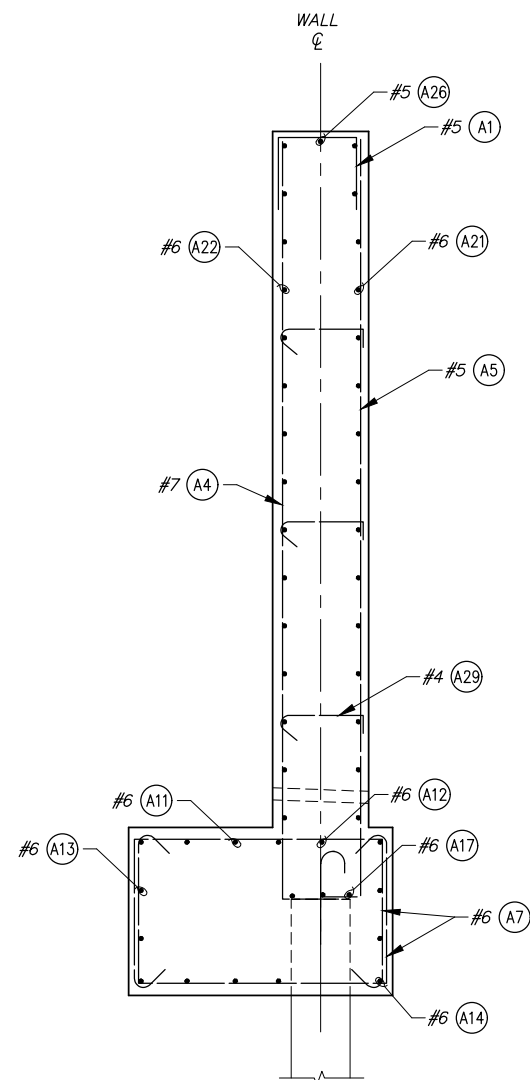
SHEET

S-302

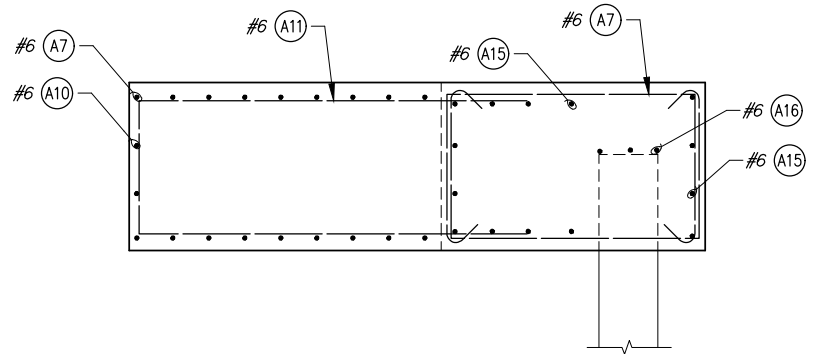
19 OF 30



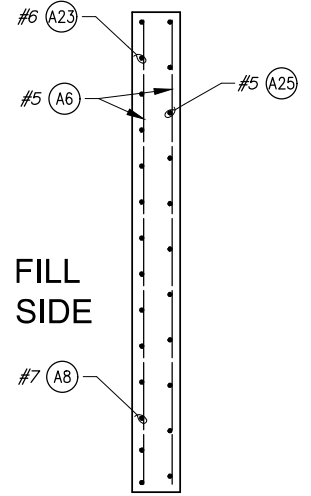
A SECTION
S-302



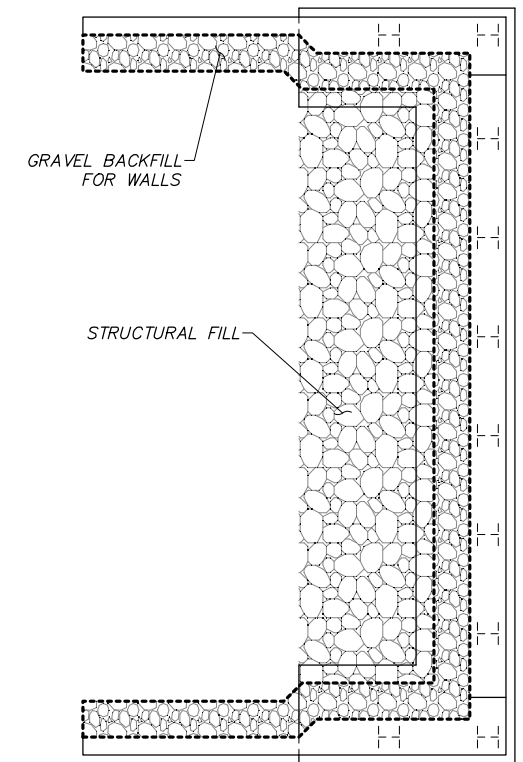
B SECTION
S-302



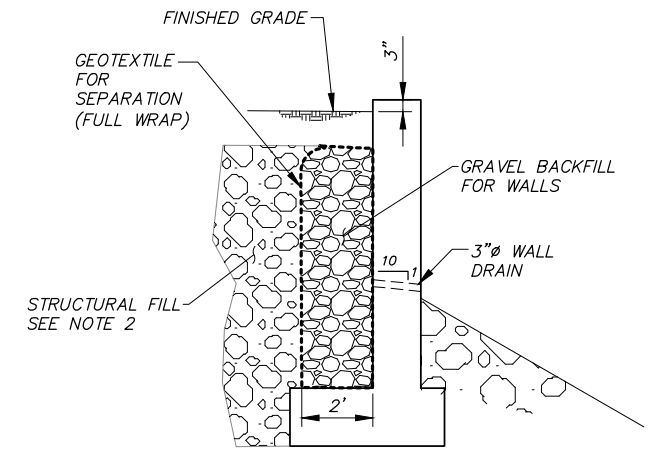
D SECTION
S-302



C SECTION
S-302



PLAN - ABUTMENT BACKFILL
NTS



- NOTES**
- BACKFILL SHOWN TO EXTEND TO TOP OF WALL/ABUTMENT BENEATH ROAD BED, AND TO WITHIN 1'-6" OF THE FINISHED GRADE AT OTHER LOCATIONS.
 - SEE ABOVE PLAN FOR HORIZONTAL LIMITS OF STRUCTURAL FILL.

TYPICAL SECTION - WALL BACKFILL
NTS



LEGEND

← #5 (A1) - REINFORCEMENT CALLOUT. SEE SHEET S-601 FOR BAR LIST.

SHEET NOTE

1. CONCRETE SEAL NOT SHOWN.

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DESIGNED BY E.ZITTERKOPF		
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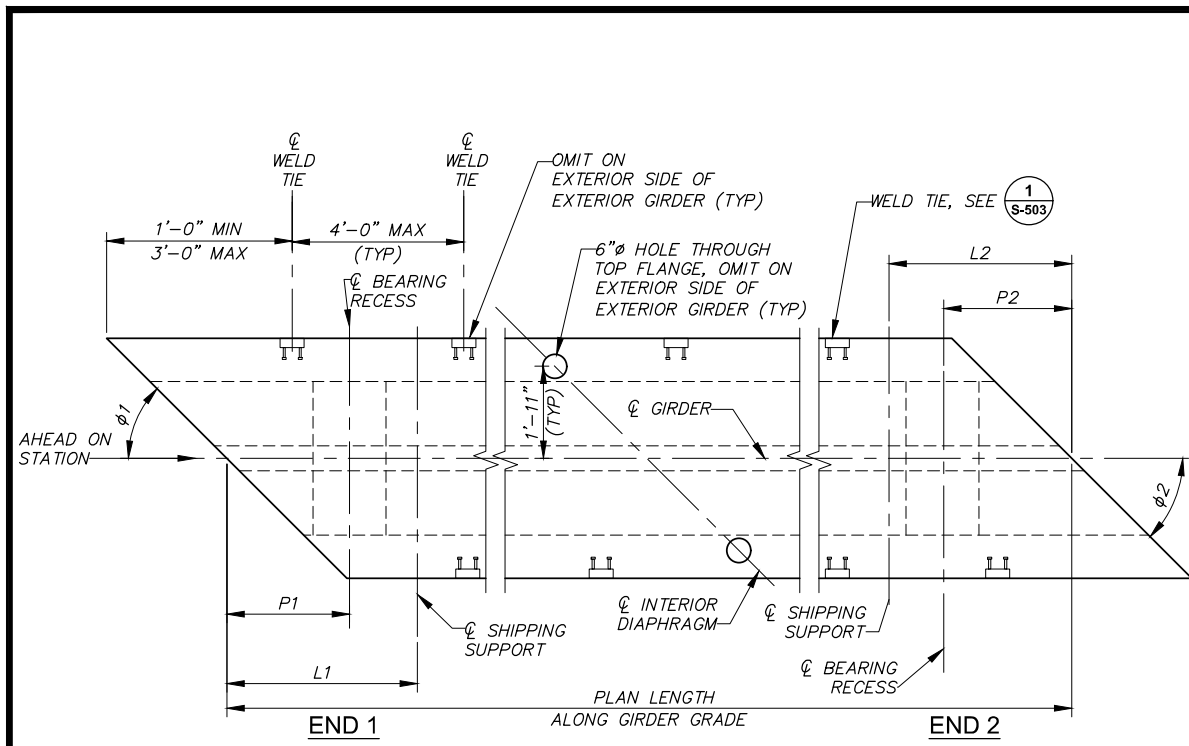
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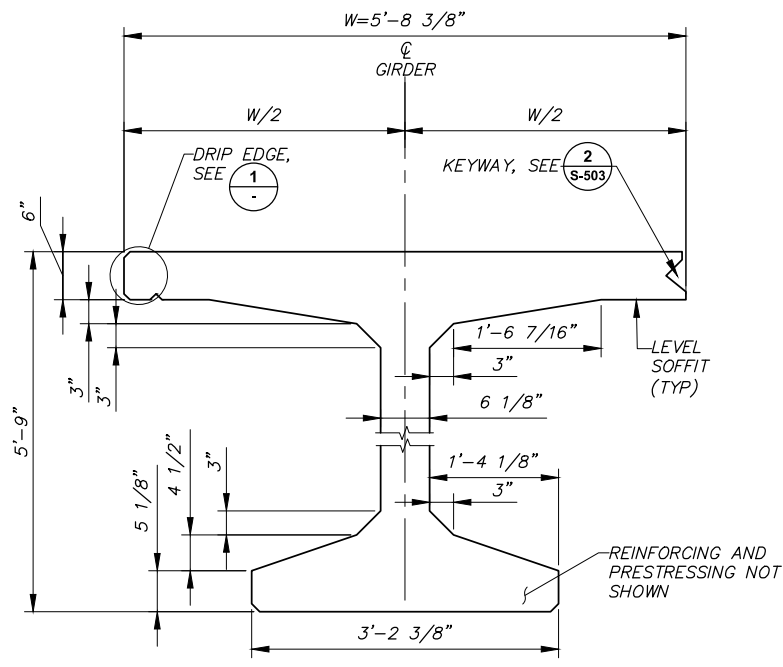
WALLA WALLA COUNTY
SEVEN MILE BRIDGE ON SEVEN MILE ROAD MP 2.30 TO MP 2.55

ABUTMENT SECTIONS

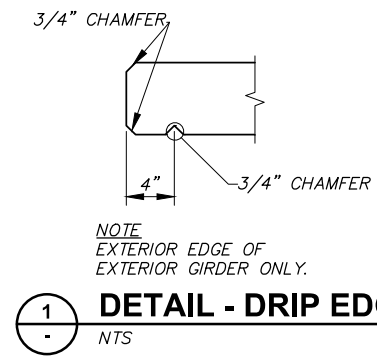
SHEET
S-303
20 OF 30



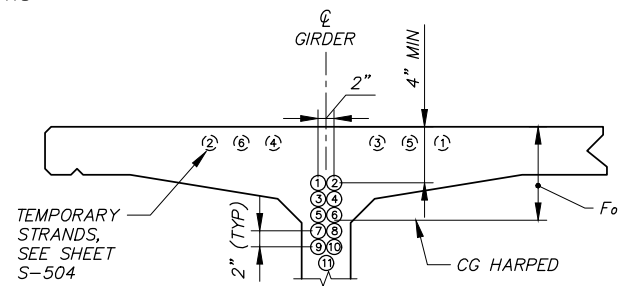
GIRDER PLAN
NTS



SECTION A
NTS

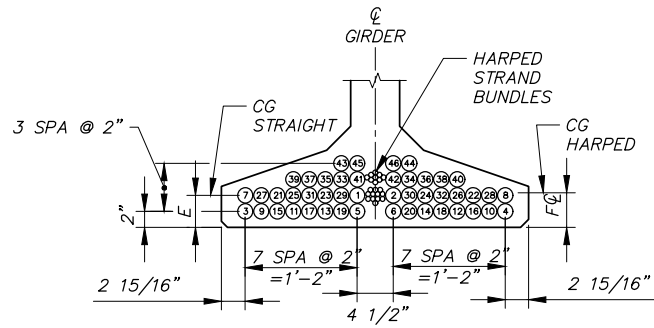


DETAIL - DRIP EDGE
NTS



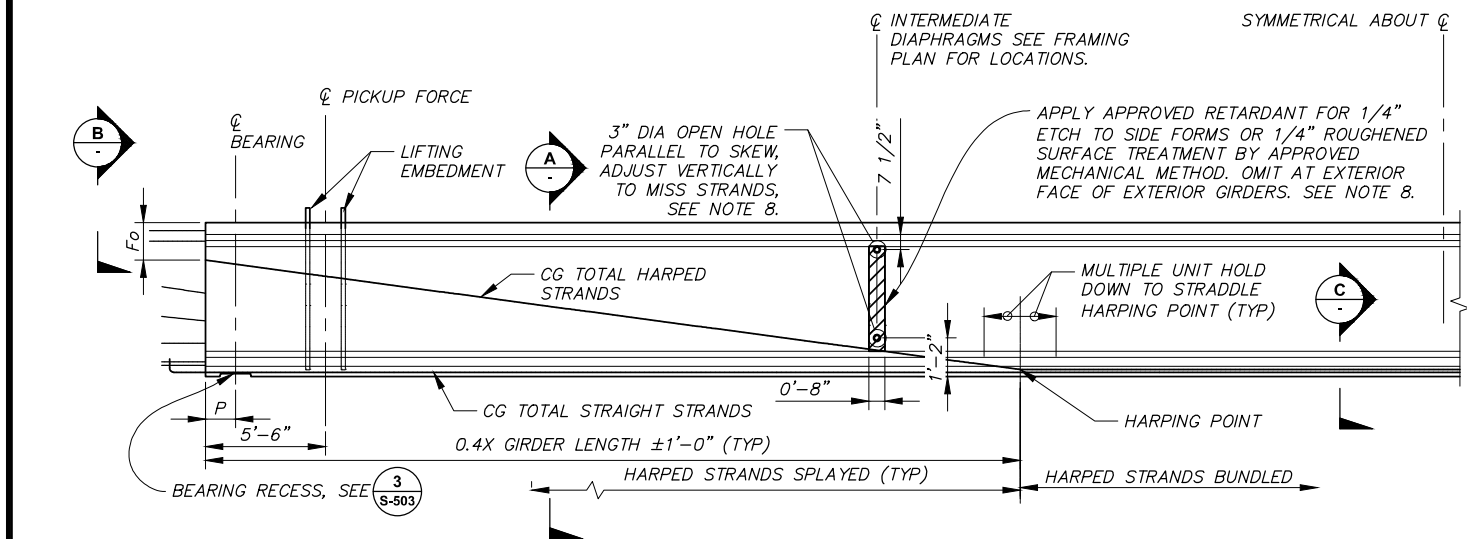
STRAND PATTERN AT GIRDER END
STRAND LOCATION SEQUENCE SHALL BE AS SHOWN ①, ②, ETC.

B VIEW
NTS



STRAND PATTERN AT MID SPAN
STRAIGHT STRAND LOCATION SEQUENCE SHALL BE AS SHOWN ①, ②, ETC.

SECTION C
NTS



GIRDER ELEVATION
NTS

GIRDER GENERAL NOTES

1. PLAN LENGTH SHALL BE INCREASED AS NECESSARY TO COMPENSATE FOR SHORTENING DUE TO PRESTRESS AND SHRINKAGE.
2. ALL PRETENSIONED AND TEMPORARY STRANDS SHALL BE 0.6" AASHTO M203 GRADE 270 LOW RELAXATION STRANDS, JACKED TO 202.5 KSI.
3. CUT ALL STRANDS FLUSH WITH THE GIRDER ENDS AND PAINT WITH AN APPROVED EPOXY RESIN, EXCEPT FOR EXTENDED STRANDS SHOWN IN THE GIRDER SCHEDULE.
4. THE TOP SURFACE OF THE GIRDER FLANGES WITHIN THE FOOTPRINT OF THE CONCRETE TRAFFIC BARRIER SHALL BE ROUGHENED IN ACCORDANCE WITH SECTION 6-02.3(25)H OF THE STANDARD SPECIFICATIONS. THE REMAINDER OF THE GIRDER TOP SURFACE SHALL HAVE A SMOOTH FLOAT/SCREED SURFACE.
5. LIFTING EMBEDMENTS SHALL BE INSTALLED IN ACCORDANCE WITH SECTION 6-02.3(25)L OF THE STANDARD SPECIFICATIONS.
6. CAUTION SHALL BE EXERCISED IN HANDLING AND PLACING GIRDERS. ALL GIRDERS SHALL BE CHECKED BY THE CONTRACTOR TO ENSURE THAT THEY ARE BRACED ADEQUATELY TO PREVENT TIPPING AND TO CONTROL LATERAL BENDING DURING SHIPPING. ONCE ERECTED, ALL GIRDERS SHALL BE BRACED LATERALLY TO PREVENT TIPPING UNTIL THE DIAPHRAGMS ARE CAST AND CURED.
7. FORMS FOR BEARING PAD RECESSES SHALL BE CONSTRUCTED AND FASTENED IN SUCH A MANNER AS TO NOT CAUSE DAMAGE TO THE GIRDER DURING THE STRAND RELEASE OPERATION.
8. FOR DIAPHRAGMS, OMIT HOLES AND PLACE INSERTS ON THE INTERIOR FACE OF EXTERIOR GIRDERS. PLACE HOLES AND INSERTS PARALLEL TO SKEW. INSERTS SHALL BE 1" MEADOWBURKE MX-3 HI-TENSILE, 1" x 5 1/2" WILLIAMS F22 OPEN FERRULE INSERT, 1" x 4" DAYTON-SUPERIOR F-62 FLARED THIN SLAB FERRULE INSERT OR APPROVED EQUAL.
9. DEFORMED WELDED WIRE REINFORCEMENT CONFORMING TO SECTION 9-07.7 WITH DEFORMED WIRE CONFORMING TO SECTION 9-07.8 MAY BE SUBSTITUTED FOR MILD STEEL REINFORCEMENT IF AASHTO LRFD BRIDGE DESIGN SPECIFICATION REQUIREMENTS (INCLUDING DEVELOPMENT AND ANCHORAGE) ARE MET. WELDED WIRE REINFORCEMENT SHALL HAVE THE SAME AREA AND SPACING AS THE MILD STEEL REINFORCEMENT THAT IT REPLACES AND THE YIELD STRENGTH SHALL BE GREATER THAN OR EQUAL TO 60 KSI. SHEAR STIRRUP LONGITUDINAL WIRES AND TACK WELDS SHALL BE EXCLUDED FROM GIRDER WEBS. LONGITUDINAL WIRES FOR ANCHORAGE OF WELDED WIRE REINFORCEMENT SHALL HAVE AN AREA OF 40% OR MORE OF THE AREA OF THE WIRE BEING ANCHORED BUT SHALL NOT BE LESS THAN D4.



DESIGNED BY	E. ZITTERKOPF	JOB NUMBER	394-155	DATE	March 25, 2026
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FED AID NO. BROS-2036(038)



WALLA WALLA COUNTY
SEVEN MILE BRIDGE ON SEVEN MILE
ROAD MP 2.30 TO MP 2.55

GIRDER DETAILS I

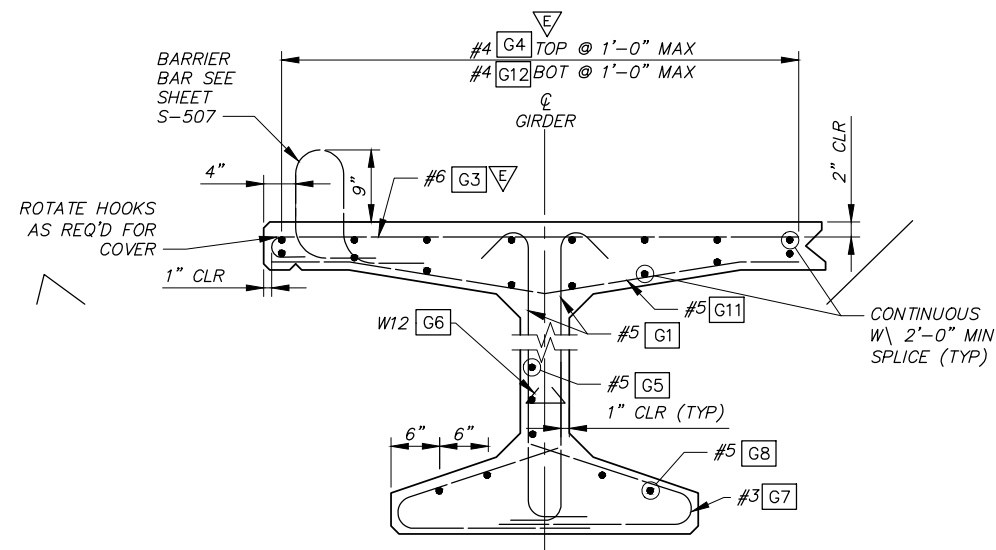
SHEET
S-501
21 OF 28

GIRDER SCHEDULE

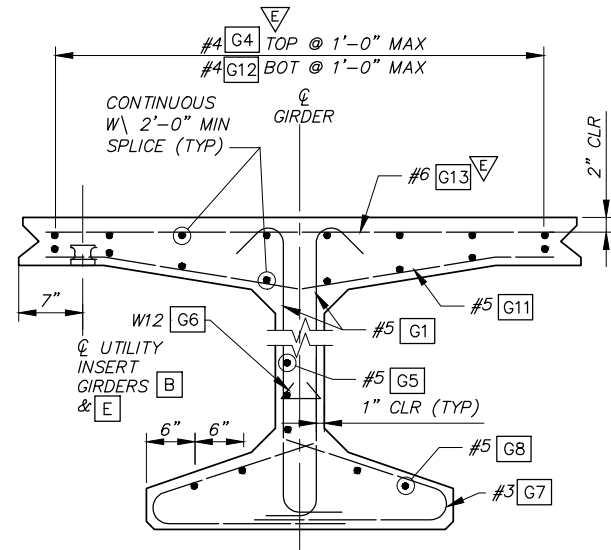
SPAN	GIRDER	GIRDER SERIES	INT. DIAPHRAGM TYPE (FULL OR PARTIAL)	Ø1 (DEG.)	Ø2 (DEG.)	P1	P2	PLAN LENGTH (ALONG GIRDER GRADE)	MIN. CONC. COMP. STRENGTH		NUMBER OF STRAIGHT STRANDS	NUMBER OF HARPED STRANDS	NUMBER OF TEMP. STRANDS	LOCATION OF C.G. STRANDS			STRAIGHT STR. TO EXTEND		DEFLECTION						REINFORCEMENT DETAILS						SHIPPING AND HANDLING					
									28 DAYS F _c (KSI)	RELEASE F _{ci} (KSI)				E	F _c	F _o	END 1	END 2	LOWER BOUND 40 DAYS (IN)	UPPER BOUND 120 DAYS (IN)	ZONE 1		ZONE 2		ZONE 3		MAX VERTICAL DEFLECTION AT SHIPPING	L	L1	L2	MIN SHIPPING SUPPORT ROTATIONAL SPRING CONSTANT (KIP-IN/RAD)	MIN SHIPPING SUPPORT CENTER TO CENTER WHEEL SPACING				
																					SPACING	LENGTH	SPACING	LENGTH	SPACING	LENGTH										
ALL	ALL	WF69DG	FULL	90	90	1'-4 1/2"	1'-4 1/2"	170'-9"	8.5	7.0	34	17	2	3 1/8"	4 3/4"	1'-11 1/2"	3 11 5 6 12 4	3 11 5 6 12 4	4"	6 5/8"	2 1/4"	1'-10 1/2"	6"	12'-0"	9"	4'-6"	9 1/2" (o)	5'-6"	20'	20'	70000	8'-0"				

PRECAMBER GIRDER 2.0" MEASURED AT MIDSPAN,
(a) VALUE INCLUDES PRECAMBER

LEGEND
#5 G1 - REINFORCEMENT CALLOUT

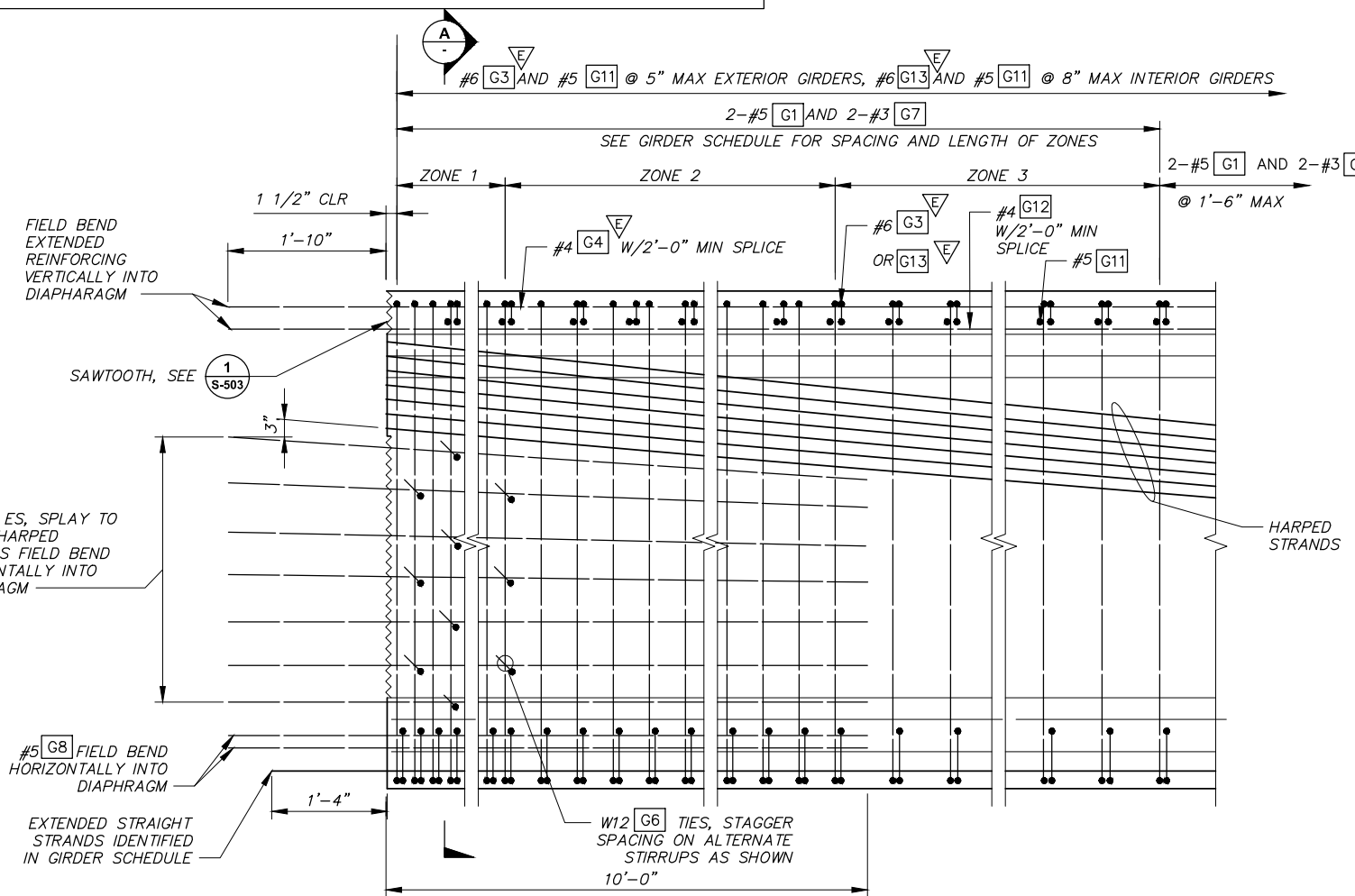


SECTION - EXTERIOR GIRDER
(STRANDS NOT SHOWN)
NTS

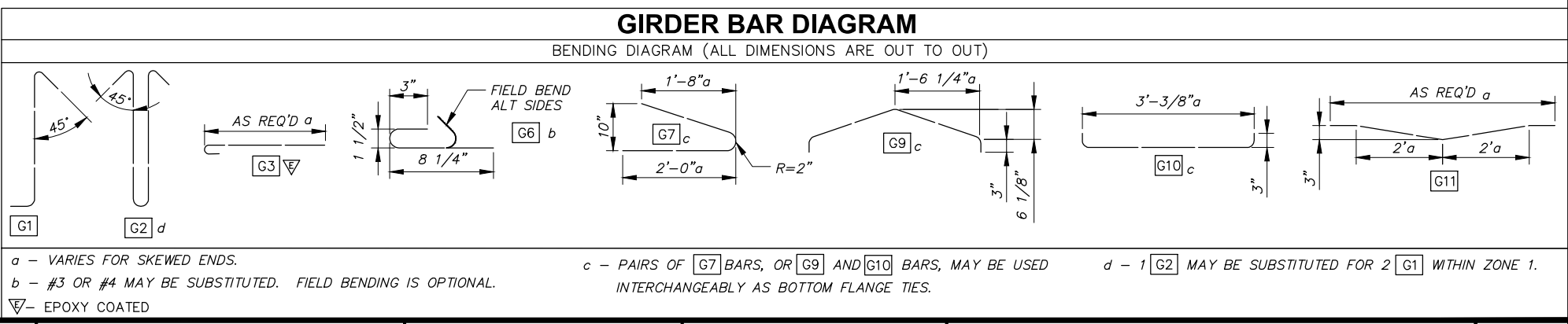


SECTION - INTERIOR GIRDER
(STRANDS NOT SHOWN)
NTS

NOTE
UTILITY INSERT SHALL BE AWIL®
INTERNATIONAL UNIVERSAL CONCRETE INSERT FIG. 282
OR APPROVED EQUAL.



GIRDER END ELEVATION
NTS



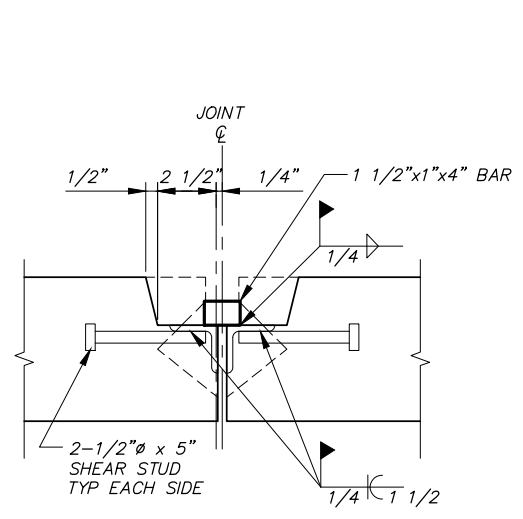
a - VARIES FOR SKEWED ENDS.
b - #3 OR #4 MAY BE SUBSTITUTED. FIELD BENDING IS OPTIONAL.
c - PAIRS OF G7 BARS, OR G9 AND G10 BARS, MAY BE USED INTERCHANGEABLY AS BOTTOM FLANGE TIES.
d - 1 G2 MAY BE SUBSTITUTED FOR 2 G1 WITHIN ZONE 1.
▽ - EPOXY COATED



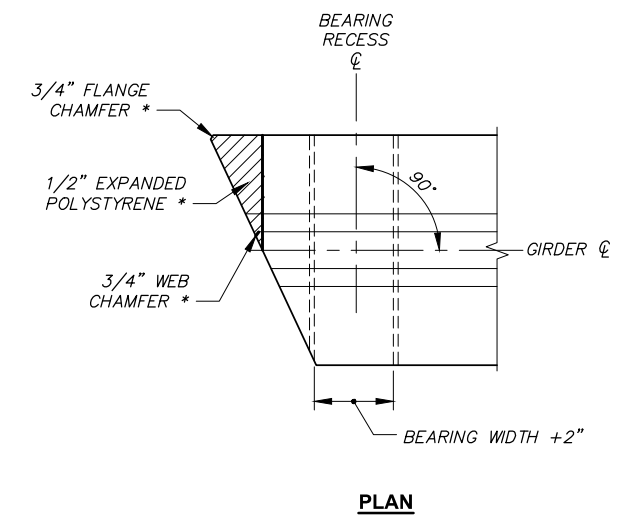
REVISION	BY	DATE	JOB NUMBER 394-155	DATE March 25, 2026		WALLA WALLA COUNTY SEVEN MILE BRIDGE ON SEVEN MILE ROAD MP 2.30 TO MP 2.55	SHEET
DESIGNED BY E.ZITTERKOPF			ACAD FILE: 394-155-060S-502.DWG			S-502	
DRAWN BY E.ZITTERKOPF			REVIEWED BY L.KEENAN			GIRDER DETAILS II	22 OF 28

FED AID NO. BROS-2036(038)

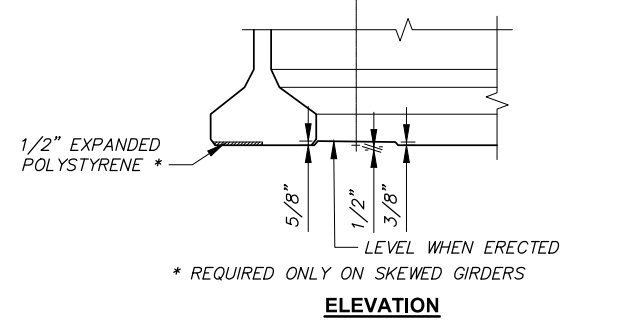
COPYRIGHT 2026 BY ANDERSON PERRY & ASSOC., INC.



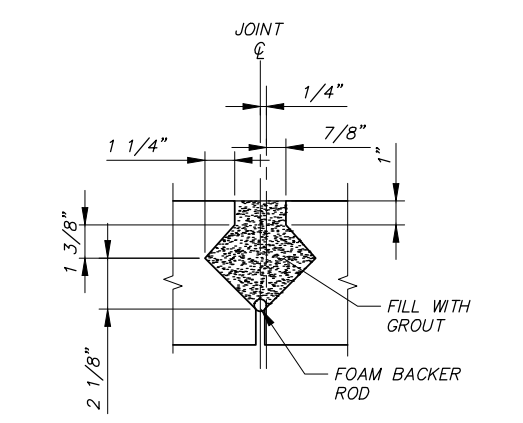
1
S-501 NTS
DETAIL - WELD TIE



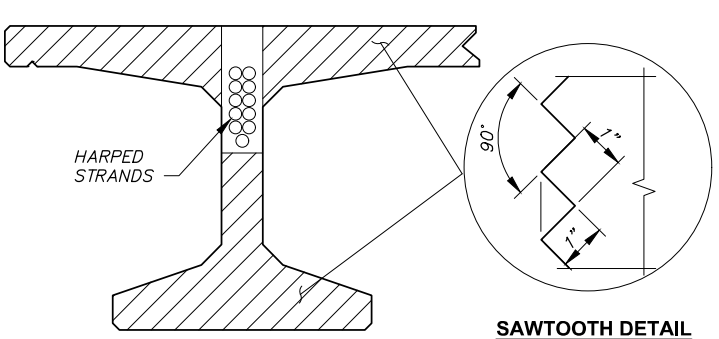
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S-501 NTS
DETAIL - BEARING RECESS



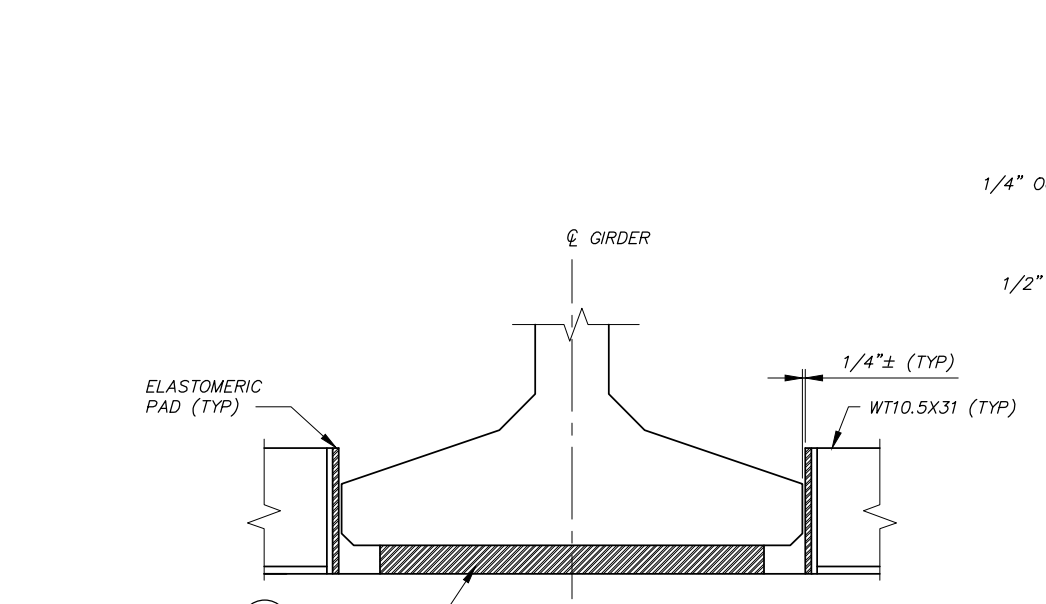
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S-501 NTS
DETAIL - BEARING RECESS



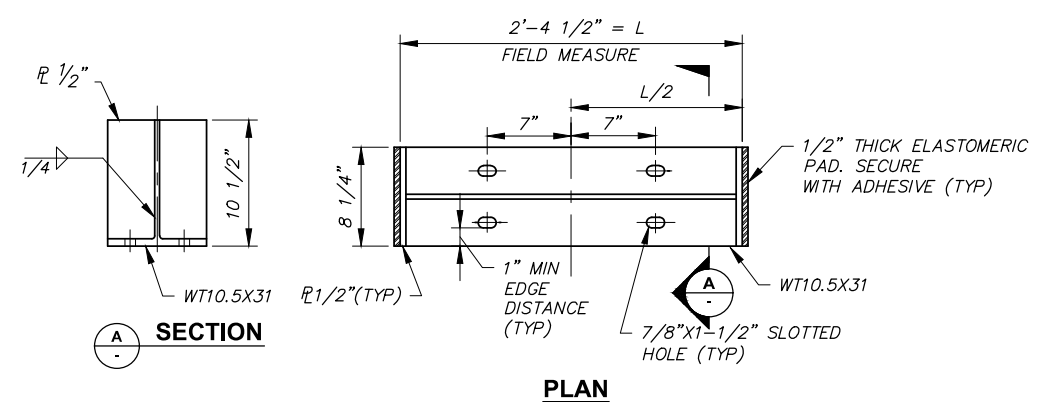
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S-501 NTS
DETAIL - KEYWAY



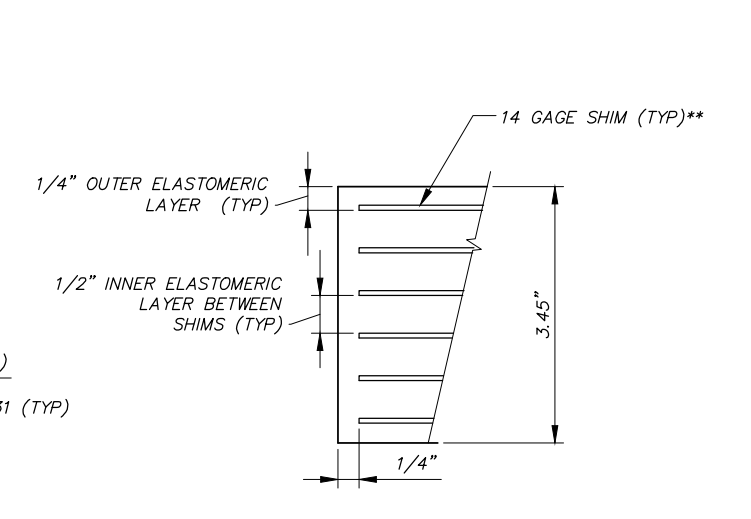
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S-502 NTS
DETAIL - GIRDER SAWTOOTH



1
S-505 NTS
TYPICAL SECTION



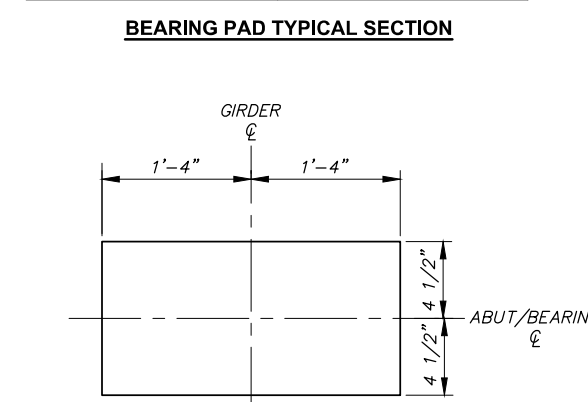
1
S-302 NTS
DETAIL - GIRDER STOP



1
S-505 NTS
BEARING PAD TYPICAL SECTION

** SHIMS ASTM A570 GR 36

BEARING DESIGN TABLE (METHOD B)	
SERVICE 1 LIMIT STATE	
DEAD LOAD	168.5 KIPS
LIVE LOAD W/O IM	40.6 KIPS
SHEAR MODULUS	165 PSI
UNLOADED HEIGHT	3.45"
LOADED HEIGHT (DL)	3.41"



1
S-505 NTS
BEARING PAD PLAN

- NOTES:**
1. FIELD MEASURE REQUIRED LENGTH AND ACTUAL BOLT LOCATIONS AFTER GIRDER SET.
 2. GALVANIZE ALL COMPONENTS AFTER FABRICATION.
 3. INSTALL USING 3/4" GALVANIZED J-BOLTS OR EPOXY SET ANCHOR ROD WITH A MINIMUM EMBEDMENT OF 6" AND 4" OF EXPOSED THREADS.
 4. SECURE BOLTS WITH LOCKNUTS AND FLAT WASHERS.
 5. LEVEL WITH NON-SHRINK GROUT AS REQUIRED.

LEGEND

#5 (S1) — REINFORCEMENT CALLOUT, SEE TRAFFIC BARRIER BAR DIAGRAM SHEET S-507



DESIGNED BY	E. ZITTERKOPF	JOB NUMBER	394-155	DATE	March 25, 2026
DRAWN BY	E. ZITTERKOPF	ACAD FILE:	394-155-060S-503.DWG		
REVIEWED BY	L. KEENAN	COPYRIGHT 2026 BY ANDERSON PERRY & ASSOC., INC.			

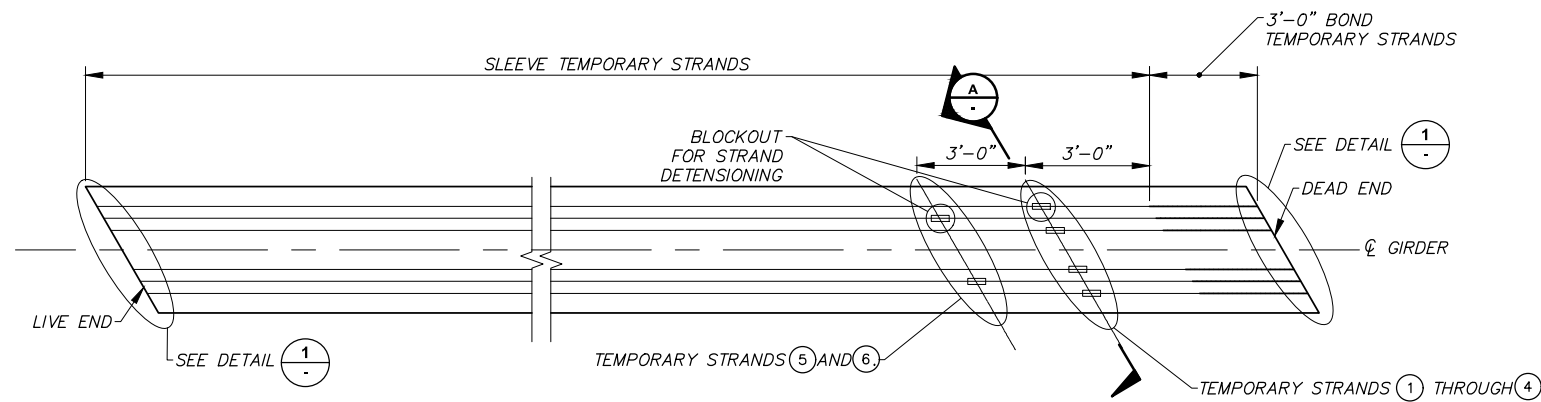
anderson perry

FED AID NO. BROS-2036(038)

WALLA WALLA COUNTY
SEVEN MILE BRIDGE ON SEVEN MILE ROAD MP 2.30 TO MP 2.55

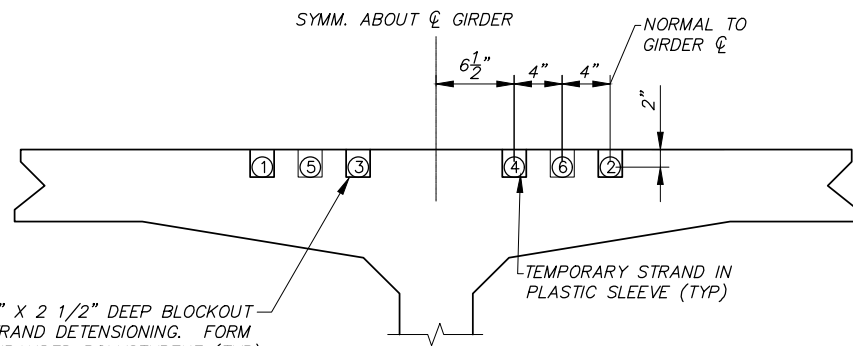
GIRDER DETAILS III

SHEET
S-503
23 OF 28



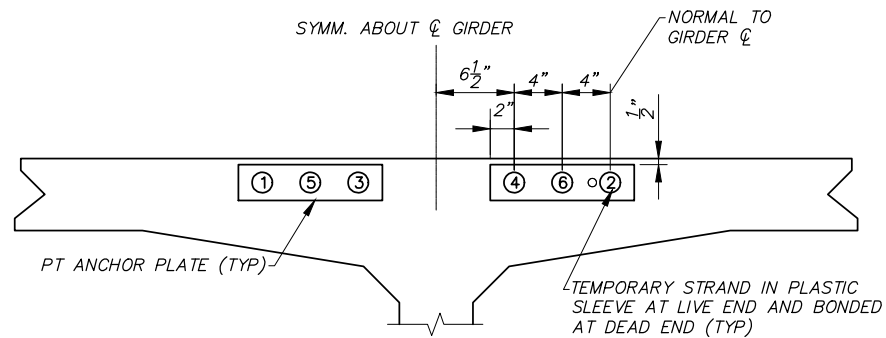
PLAN - GIRDER TEMPORARY STRANDS (POST-TENSIONED)

NTS



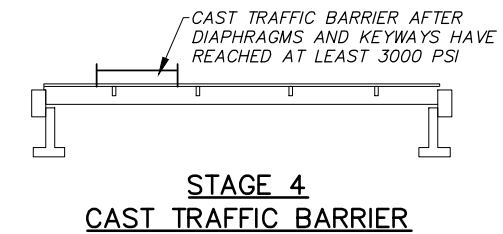
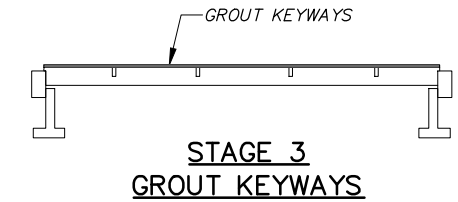
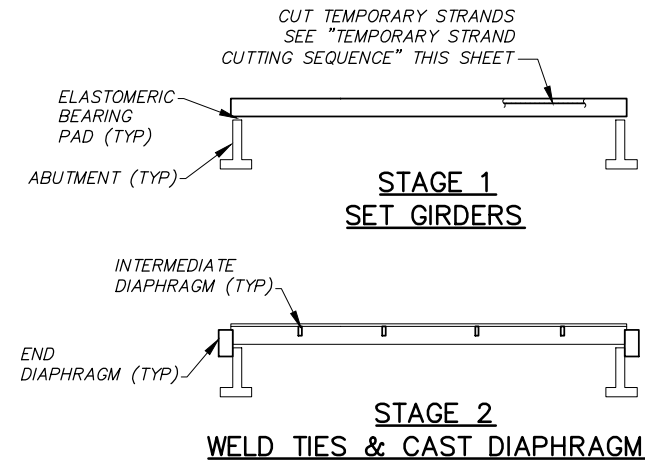
NOTE:
TEMPORARY STRAND LOCATION
SEQUENCE SHALL BE AS SHOWN.

A SECTION
NTS



NOTE:
TEMPORARY STRAND LOCATION
SEQUENCE SHALL BE AS SHOWN.

B VIEW
NTS



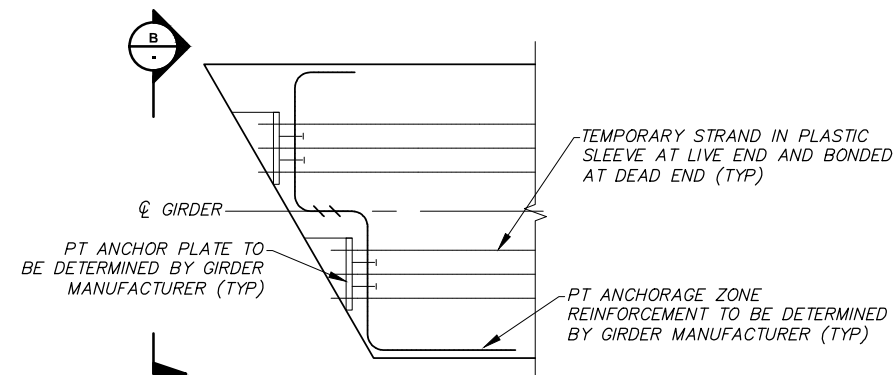
SUPERSTRUCTURE CONSTRUCTION SEQUENCE

TEMPORARY STRAND CUTTING SEQUENCE

1. ERECT AND BRACE GIRDERS.
2. REMOVE EXPANDED POLYSTYRENE IN 2" x 6" RECESSES IN TOP FLANGE OF GIRDERS.
3. CUT STRANDS IN 2" x 6" RECESSES. STRANDS MAY BE CUT BY USING A CUTTING TORCH AND MOVING THE FLAME BACK AND FORTH OVER THE LENGTH OF EXPOSED STRAND TO LET INDIVIDUAL WIRES BREAK ONE AT A TIME TO LESSEN THE SHOCK TO THE GIRDER. STRANDS SHALL BE RELEASED IN A SYMMETRICAL MANNER AROUND THE GIRDER CENTERLINE STARTING WITH THOSE NEAREST THE CENTERLINE AND WORKING OUTWARDS.
4. REMOVE ALL MOISTURE IN RECESS PRIOR TO FILLING RECESS WITH GROUT.

CONSTRUCTION SEQUENCE GENERAL NOTES

1. NO FORMWORK, LOADS OR OTHER RESTRAINTS THAT WILL RESTRICT OR HINDER THE VERTICAL MOVEMENT OF THE GIRDERS SHALL BE INSTALLED PRIOR TO CUTTING OF TEMPORARY STRANDS.
2. THE ENGINEER WILL VERIFY THAT ALL TEMPORARY STRANDS HAVE BEEN CUT PRIOR TO WELDING TIES OR INSTALLATION OF ANY DIAPHRAGM FORMWORK.

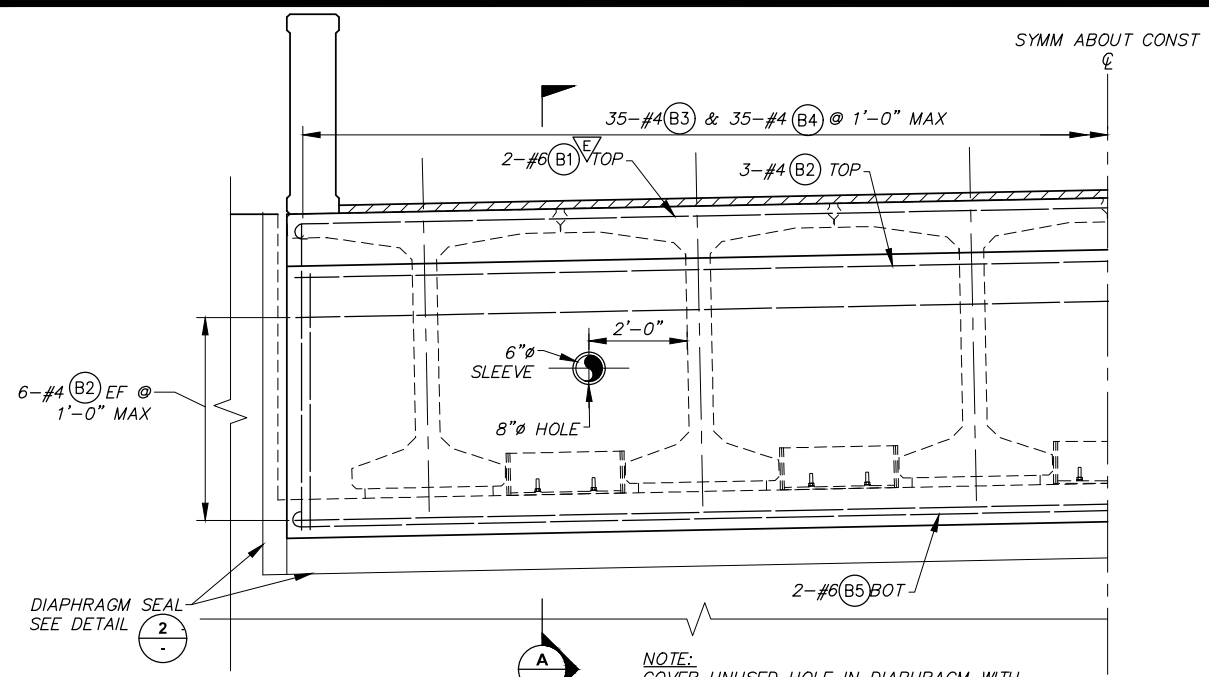


NOTE:
LIVE END SHOWN, DEAD END SIMILAR.

1 DETAIL - STRAND ANCHOR
NTS



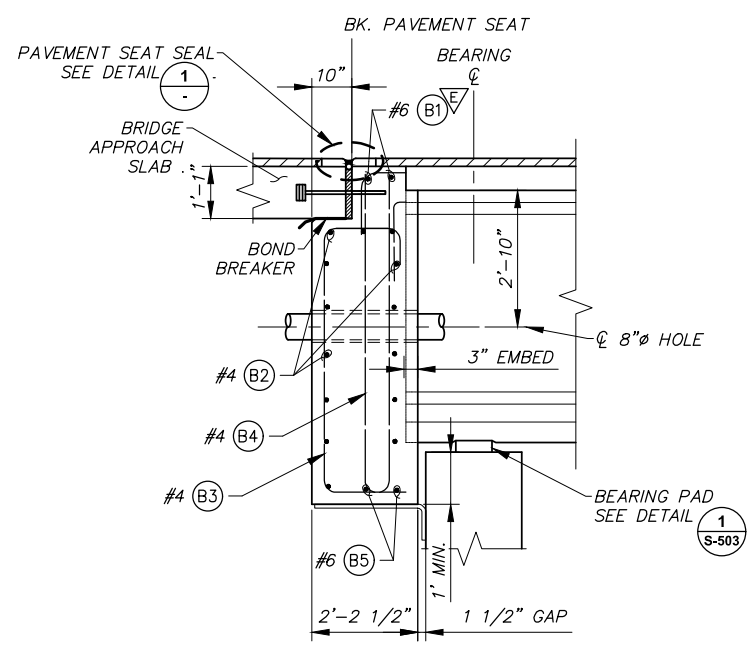
REVISION DESIGNED BY E.ZITTERKOPF DRAWN BY E.ZITTERKOPF REVIEWED BY L.KEENAN		BY DATE	JOB NUMBER 394-155 ACAD FILE: 394-155-060S-504.DWG DATE March 25, 2026		WALLA WALLA COUNTY SEVEN MILE BRIDGE ON SEVEN MILE ROAD MP 2.30 TO MP 2.55 GIRDER DETAILS IV	SHEET S-504
FED AID NO. BROS-2036(038)			COPYRIGHT 2026 BY ANDERSON PERRY & ASSOC., INC.			24 OF 30



ELEVATION - END DIAPHRAGM

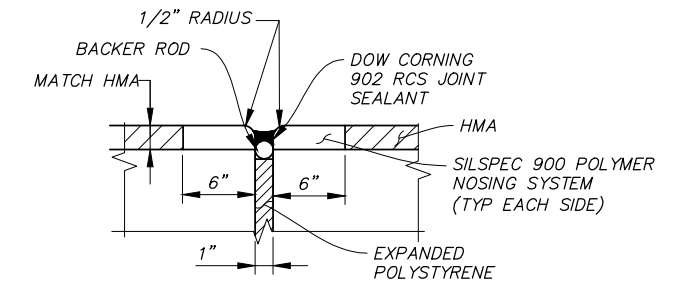
NTS

NOTE:
COVER UNUSED HOLE IN DIAPHRAGM WITH
1/4" THICK STEEL PLATE.



SECTION A

NTS

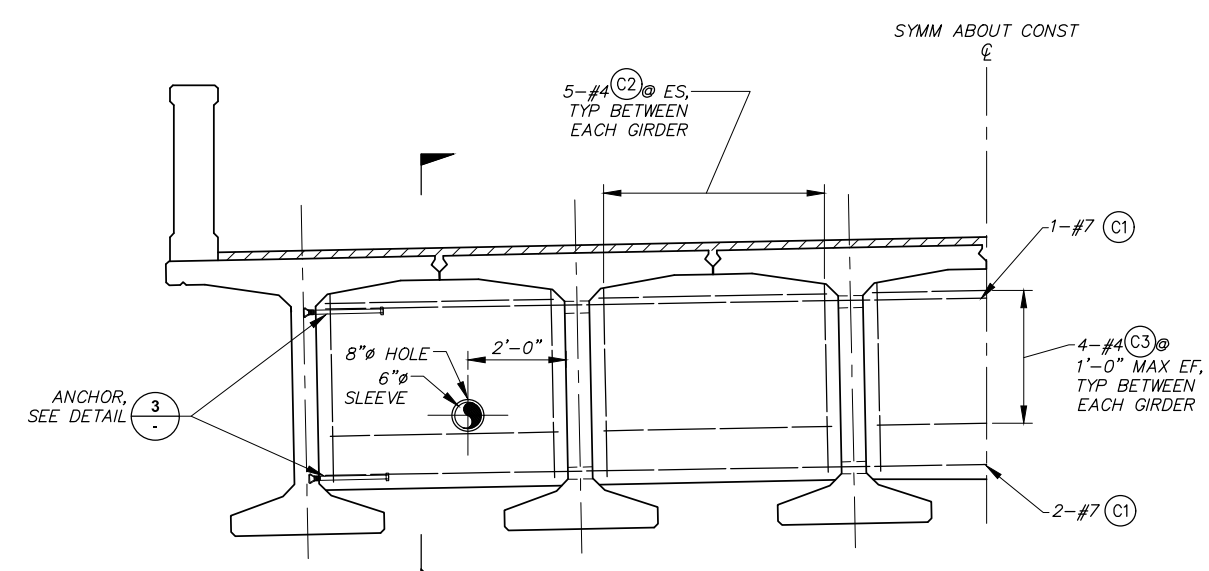


TYPICAL SECTION

- NOTES
1. INSTALL JOINT SEAL IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS.
 2. EXTEND JOINT SEAL UP CURB FACE AT JUNCTION WITH TRAFFIC BARRIER.

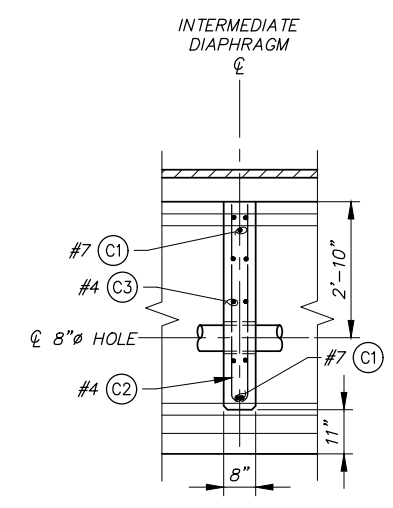
1 DETAIL - PAVEMENT SEAT SEAL

NTS



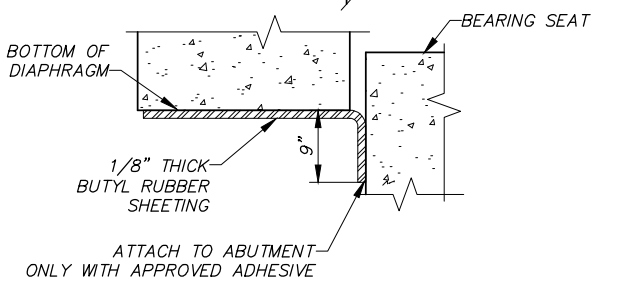
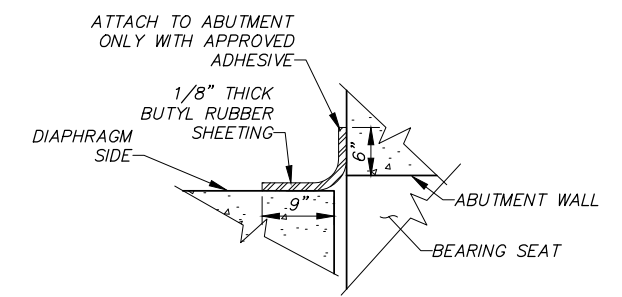
ELEVATION - INTERMEDIATE DIAPHRAGM

NTS



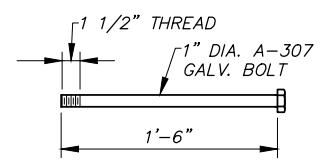
SECTION B

NTS



2 DETAIL - DIAPHRAGM SEAL

NTS



3 DETAIL - ANCHOR

NTS

DIAPHRAGM GENERAL NOTES

1. #7 BARS FOR INTERIOR DIAPHRAGMS WILL NEED TO BE THREADED THROUGH HOLES PRIOR TO PLACEMENT OF EXTERIOR GIRDERS. A MINIMUM SPLICE LENGTH OF 3'-7" IS REQUIRED ON #7 BARS AND 3'-0" ON #6 BARS.
2. EXTENDED STRANDS AND GIRDER REINFORCEMENT NOT SHOWN FOR CLARITY.

LEGEND

#5 (B1) - REINFORCEMENT CALLOUT. SEE SHEET S-601 FOR BAR LIST.



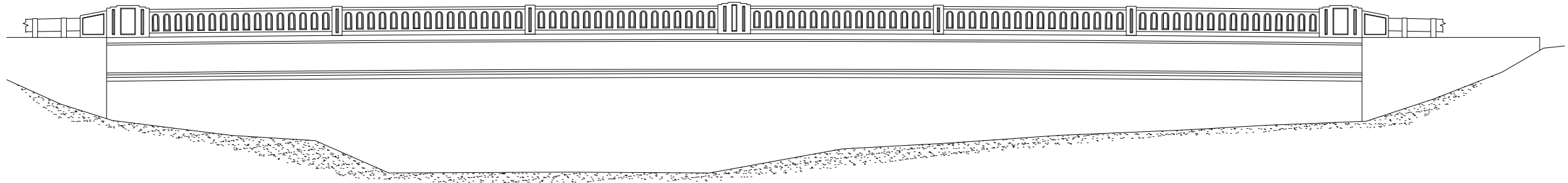
DESIGNED BY	E. ZITTERKOPF	JOB NUMBER	394-155	DATE	March 25, 2026
DRAWN BY	E. ZITTERKOPF	ACAD FILE:	394-155-060S-505.DWG		
REVIEWED BY	L. KEENAN	COPYRIGHT 2026 BY ANDERSON PERRY & ASSOC., INC.			



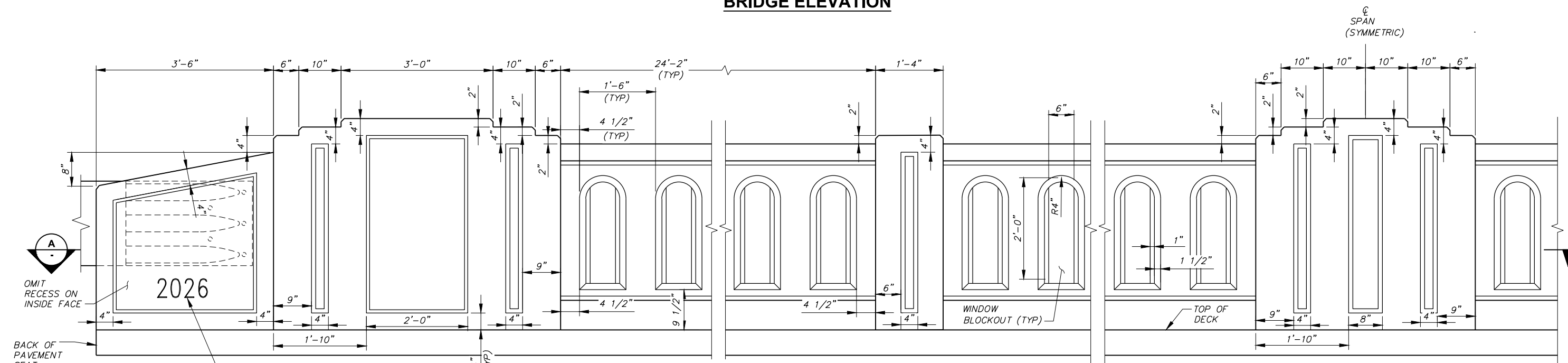
FED AID NO. BROS-2036(038)

WALLA WALLA COUNTY
SEVEN MILE BRIDGE ON SEVEN MILE
ROAD MP 2.30 TO MP 2.55

DIAPHRAGM SECTIONS AND DETAILS



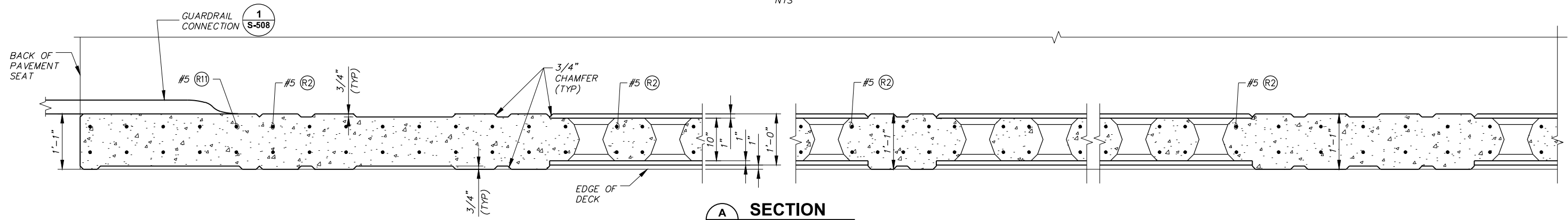
BRIDGE ELEVATION



- NOTES:**
1. OUTSIDE FACE SHOWN, INSIDE FACE SIMILAR.
 2. 3/4" CHAMFER REQUIRED ON ALL HORIZONTAL AND VERTICAL CONCRETE EDGES.
 3. CONSTRUCT BARRIER PLUMB.
 4. INSTALL DATE NUMERALS ON INSIDE FACE OF BARRIER SEE WSDOT STD PLAN E-1.

ELEVATION - BRIDGE BARRIER

NTS



A SECTION

NTS

LEGEND

#5 (R1) - REINFORCEMENT CALLOUT. SEE SHEET S-508 FOR BAR LIST.



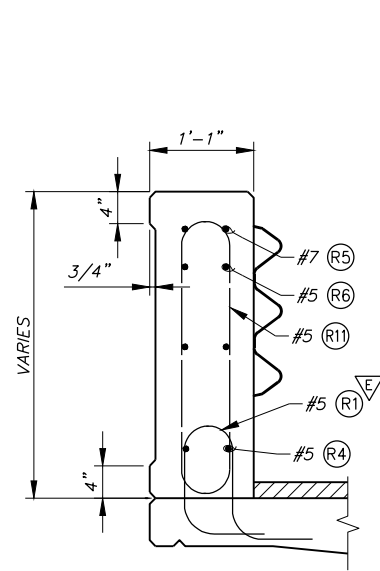
DESIGNED BY	E. ZITTERKOPF	JOB NUMBER	394-155	DATE	March 25, 2026
DRAWN BY	E. ZITTERKOPF	ACAD FILE:	394-155-060S-506-508.DWG		
REVIEWED BY	L. KEENAN	COPYRIGHT 2026 BY ANDERSON PERRY & ASSOC., INC.		FED AID NO. BROS-2036(038)	



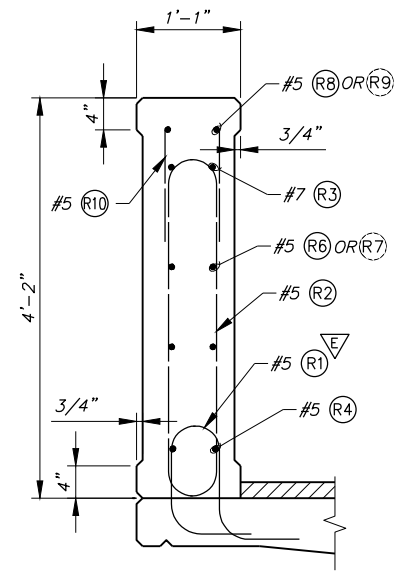
WALLA WALLA COUNTY
SEVEN MILE BRIDGE ON SEVEN MILE ROAD MP 2.30 TO MP 2.55

BARRIER DETAILS I

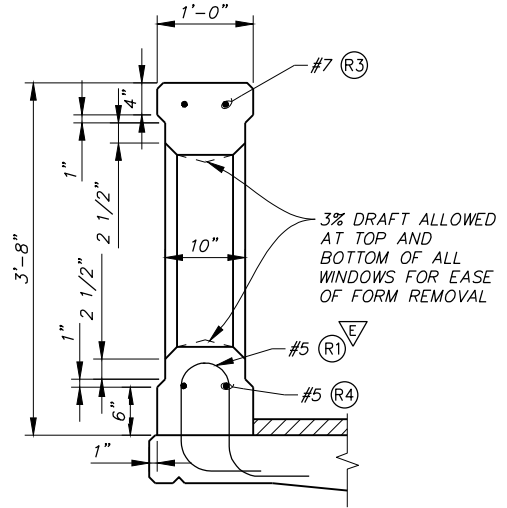
SHEET
S-506
26 OF 30



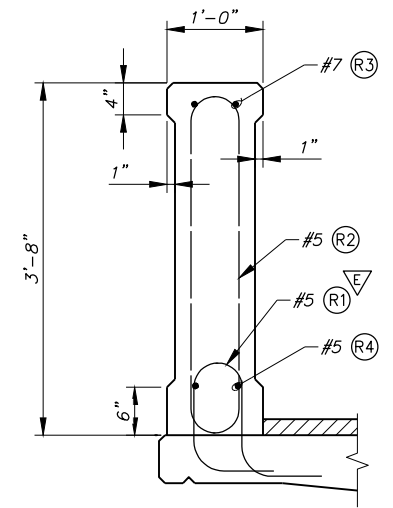
A SECTION
NTS



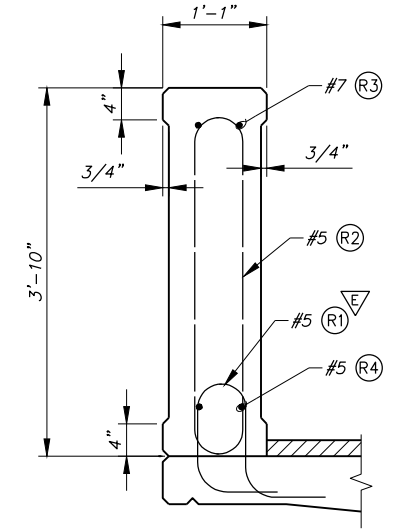
B SECTION
NTS



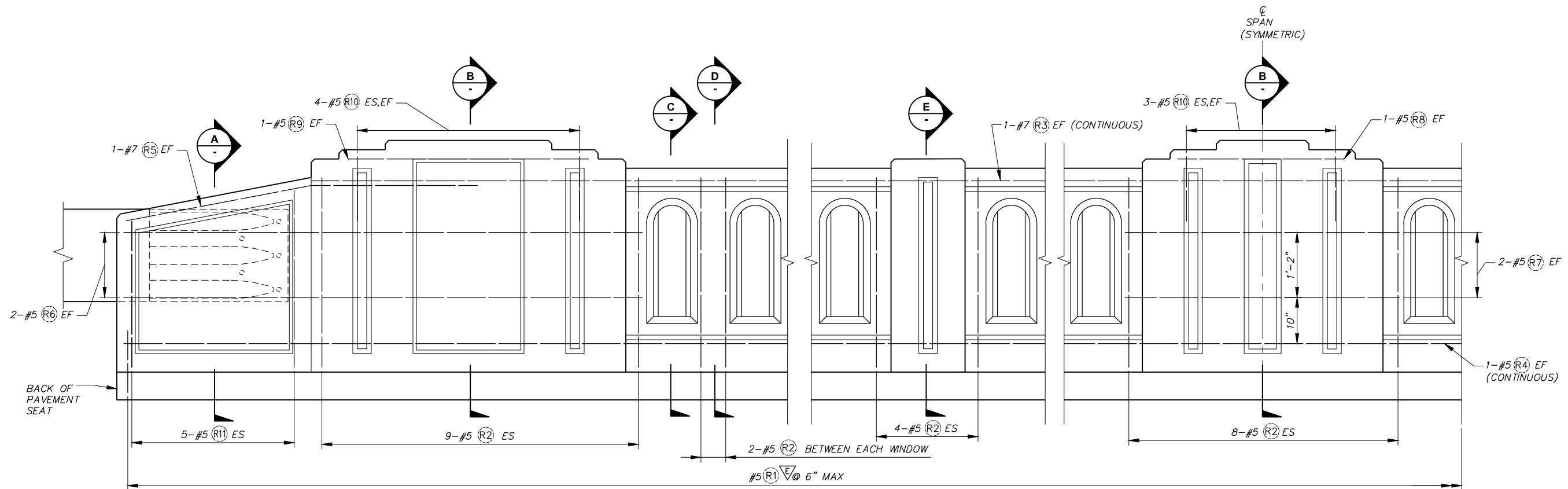
C SECTION
NTS



D SECTION
NTS



E SECTION
NTS



ELEVATION - BRIDGE BARRIER REINFORCEMENT
NTS

LEGEND
#5 (R1) - REINFORCEMENT CALLOUT. SEE SHEET S-508 FOR BAR LIST.



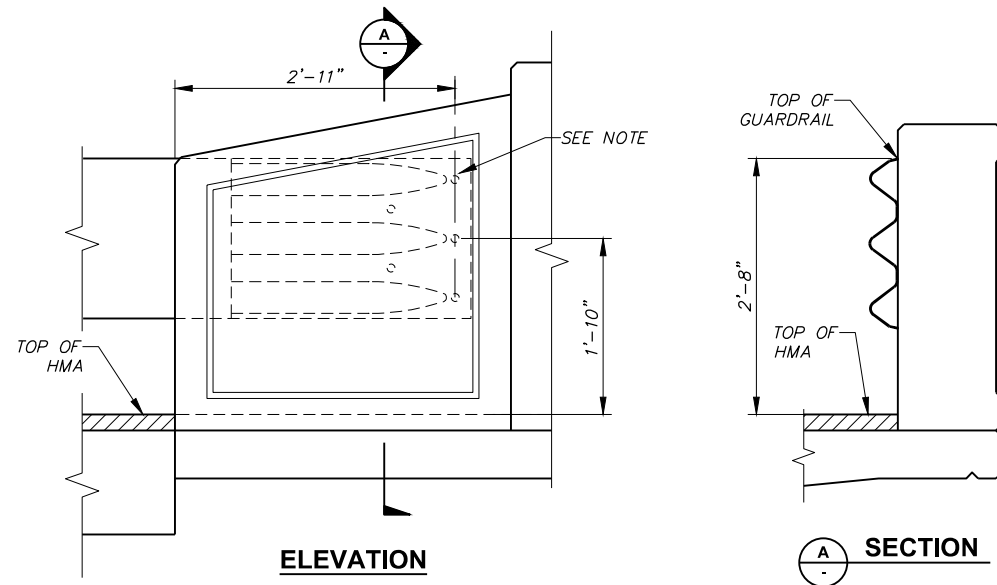
DESIGNED BY	E. ZITTERKOPF	JOB NUMBER	394-155	DATE	March 25, 2026
DRAWN BY	E. ZITTERKOPF	ACAD FILE:	394-155-060S-506-508.DWG		
REVIEWED BY	L. KEENAN	COPYRIGHT 2026 BY ANDERSON PERRY & ASSOC., INC.			

anderson perry

FED AID NO. BROS-2036(038)

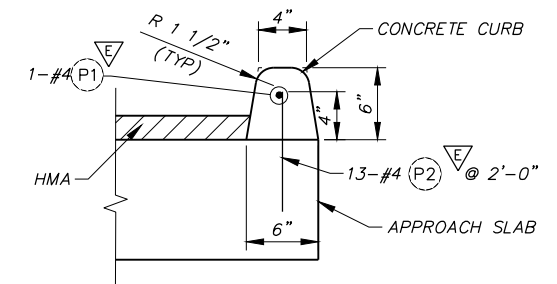
WALLA WALLA COUNTY
SEVEN MILE BRIDGE ON SEVEN MILE ROAD MP 2.30 TO MP 2.55

BARRIER DETAILS II



NOTE
 1. PROVIDE (5) - 7/8" DIA ROCKET/KOHLER F-50, LANCASTER MALLEABLE, OR DAYTON/RICHMOND 6-62 FLARED THIN SLAB FERRULE INSERTS OR APPROVED EQUAL (TYP). RESIN-BONDED ANCHORS MAY BE SUBSTITUTED. SEE WSDOT STD PLAN C-7A FOR HOLE PATTERN.

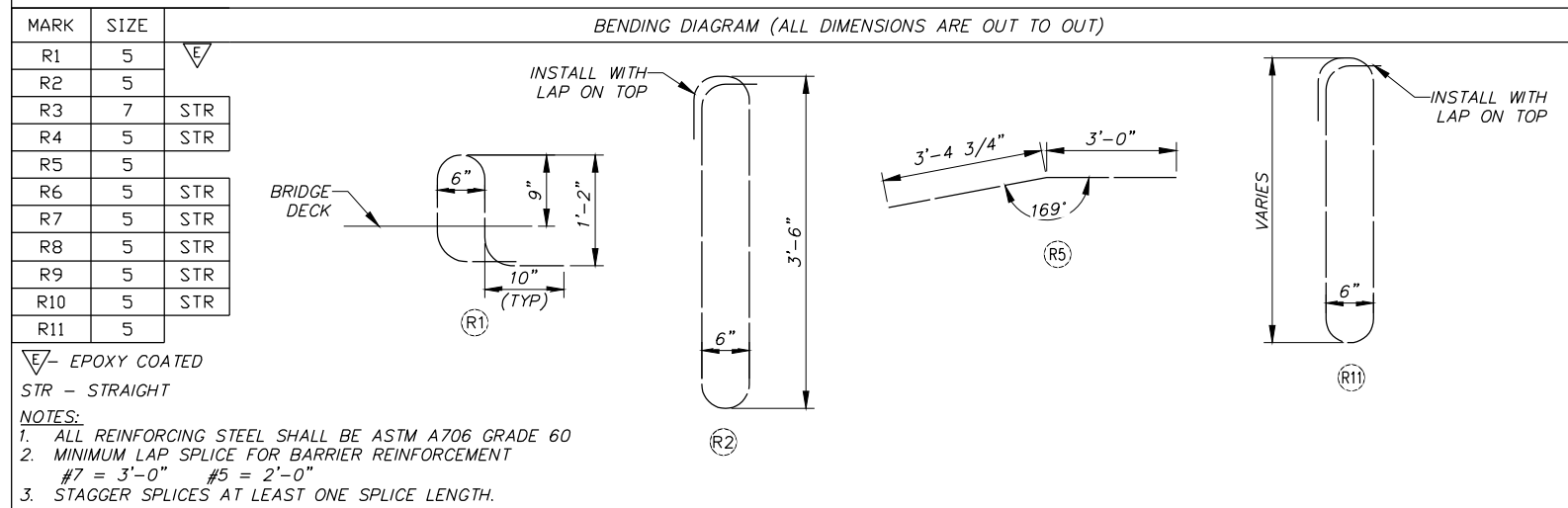
1
S-506 **DETAIL - GUARDRAIL CONNECTION**
 NTS



NOTE:
 1. SEE SHEET S-601 "APPROACH SLAB - BAR LIST" FOR REINFORCEMENT SCHEDULE.

1
S-103 **DETAIL - APPROACH SLAB CURB**
 NTS

TRAFFIC BARRIER BAR DIAGRAM



REVISION	BY	DATE	JOB NUMBER	DATE
DESIGNED BY	E. ZITTERKOPF		394-155	March 25, 2026
DRAWN BY	E. ZITTERKOPF		ACAD FILE: 394-155-060S-506-508.DWG	
REVIEWED BY	L. KEENAN		COPYRIGHT 2026 BY ANDERSON PERRY & ASSOC., INC.	

FED AID NO. BROS-2036(038)

WALLA WALLA COUNTY
 SEVEN MILE BRIDGE ON SEVEN MILE ROAD MP 2.30 TO MP 2.55

BARRIER DETAILS III

SHEET
S-508
 28 OF 30

BOX CULVERT GENERAL NOTES

ALL MATERIALS AND WORK SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF THE WASHINGTON STATE DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROAD, BRIDGE, AND MUNICIPAL CONSTRUCTION (CURRENT EDITION).

DESIGN SPECIFICATIONS: THE STRUCTURE SHALL BE DESIGNED BY THE MANUFACTURER IN ACCORDANCE WITH THE REQUIREMENTS FOR LOAD AND RESISTANCE FACTOR DESIGN IN THE "AASHTO LRFD DESIGN SPECIFICATIONS", 9TH EDITION, AND THE WSDOT BRIDGE DESIGN MANUAL LRFD.

FINISHING: ALL EXPOSED CAST-IN-PLACE SURFACES TO RECEIVE A CLASS 1 FINISH EXCEPT THE INTERIOR SURFACE OF THE BOX CULVERT.

ALL EXPOSED EDGES CONCRETE SHALL BE FORMED WITH A 1" (DIAGONAL LENGTH) CHAMFER.

LOADING

LIVE LOAD: HL93

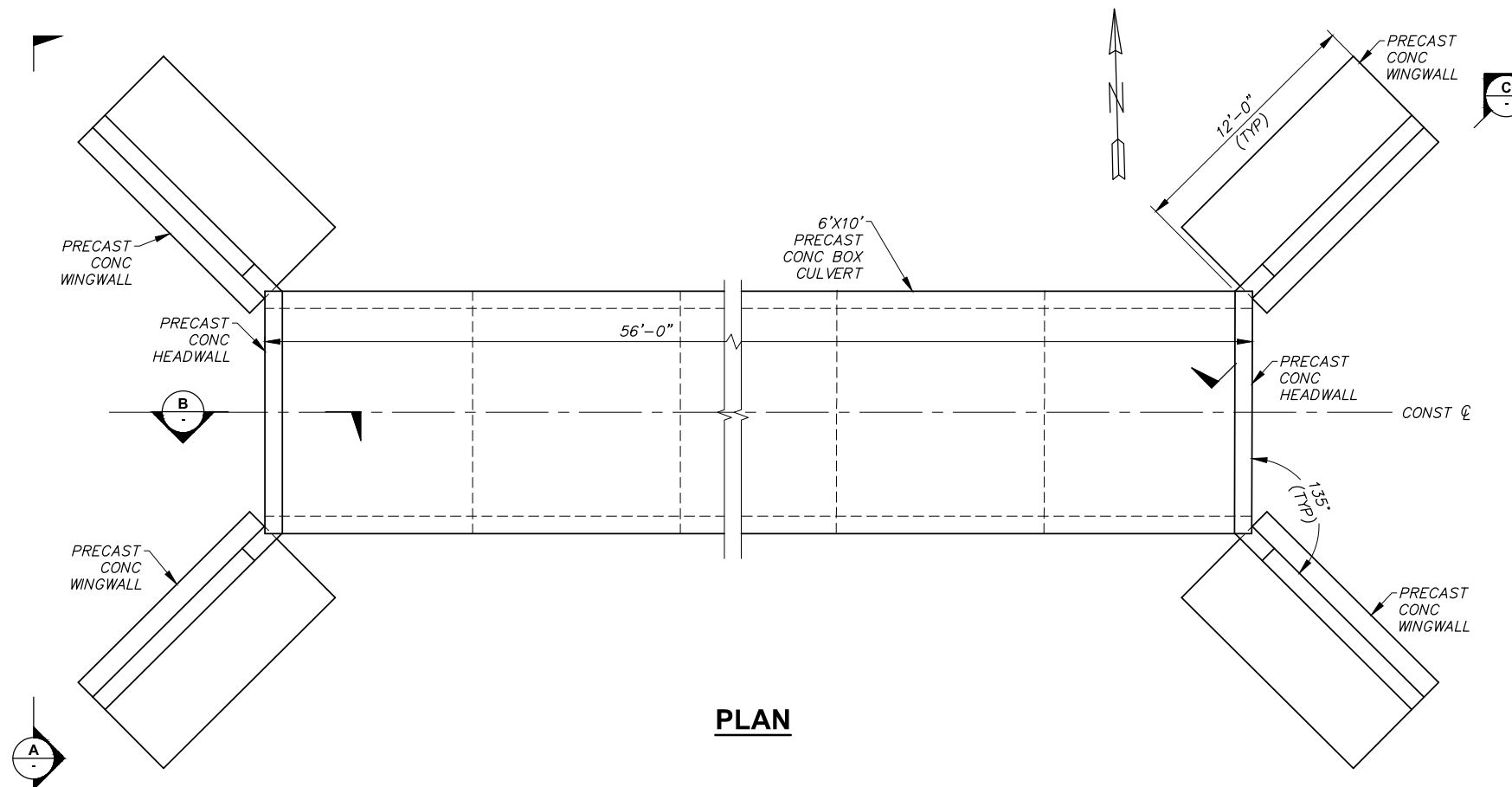
MAXIMUM FILL DEPTH: 2.0' (HMA + BASE ROCK)

FOUNDATION

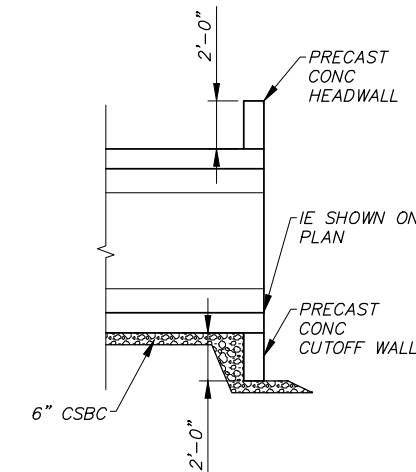
THE CULVERT AND FOOTINGS SHALL BE FOUNDED ON STABLE SUBGRADE MATERIAL OVERLAIN WITH 6" OF COMPACTED (95%) CRUSHED SURFACING BASE COURSE. EXCAVATIONS SHALL BE INSPECTED BY THE ENGINEER PRIOR TO PLACEMENT OF CRUSHED SURFACING AND ANY SOFT OR YIELDING AREAS REMOVED AND REPLACED

DESIGN BEARING PRESSURES ARE LISTED IN THE TABLE BELOW. SEE THE PROJECT GEOTECHNICAL REPORT FOR LATERAL LOADING AND OTHER INFORMATION.

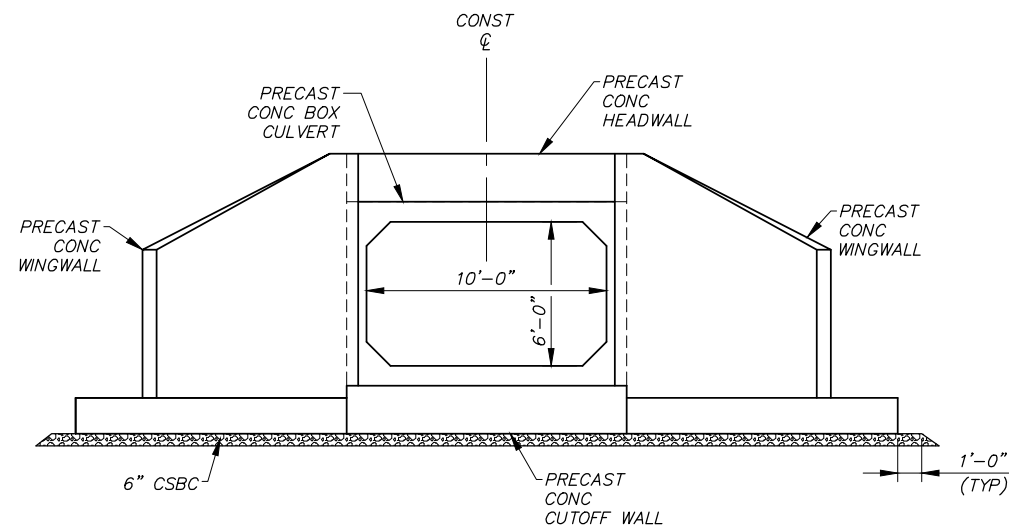
LIMIT STATE	ALLOWABLE BEARING (PSF)
SERVICE I	3500
STRENGTH I	6000



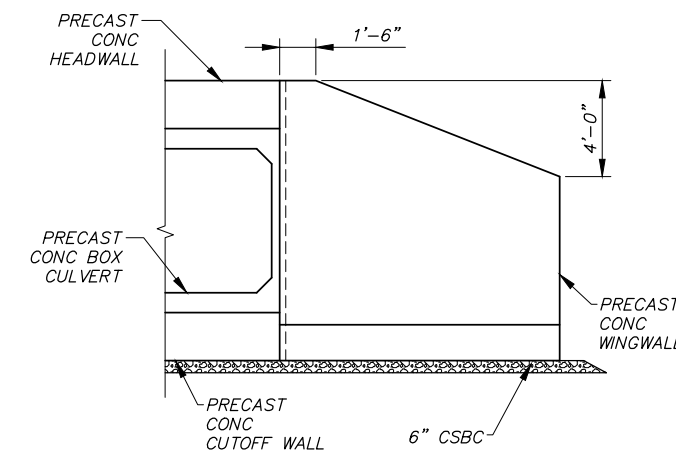
PLAN



SECTION B



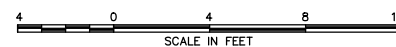
SECTION A



SECTION C



DESIGNED BY: E. ZITTERKOPF	DATE: March 25, 2026
DRAWN BY: E. ZITTERKOPF	ACAD FILE: 394-155-060S-509.DWG
REVIEWED BY: L. KEENAN	COPYRIGHT 2026 BY ANDERSON PERRY & ASSOC., INC.



FED AID NO. BROS-2036(038)

WALLA WALLA COUNTY
SEVEN MILE BRIDGE ON SEVEN MILE
ROAD MP 2.30 TO MP 2.55

BOX CULVERT DETAILS

SHEET

S-509

29 OF 30

ABUTMENT - BAR LIST

MARK NO	LOCATION	SIZE	NO. REQ'D	BEND TYPE	V	W	X	Y	Z	ESTIMATED WEIGHT (LB)
A1	ABUT TOP	5	160	61	1'-8"	1'-6"	1'-6"			529
A2	ABUT WALL VERTICAL	7	92	54	9'-10"					2069
A3	ABUT WALL VERTICAL	5	92	54	9'-10"					1023
A4	ABUT WALL VERTICAL	7	76	54	15'-9"					2628
A5	ABUT WALL VERTICAL	5	84	54	15'-9"					1453
A6	WING WALL VERTICAL	5	96	50	9'-8"					968
A7	PILE CAP HOOP	6	284	62	5'-2"	3'-1"	3'-1"			5403
A8	WING WALL HORIZONTAL	7	24	50	15'-0"					736
A9	PILE CAP CORNER	6	28	61	3'-0"	2'-0"	2'-0"			294
A10	PILE CAP END	6	8	61	5'-2"	2'-0"	2'-0"			110
A11	PILE CAP END	6	12	61	3'-0"	8'-1"	8'-1"			345
A12	PILE CAP END	6	4	61	3'-0"	3'-10"	3'-10"			64
A13	PILE CAP SIDE	6	16	50	8'-1"					194
A14	PILE CAP SIDE	6	16	61	11'-6"	2'-9"				342
A15	PILE CAP SIDE/TOP/BOTTOM	6	28	50	41'-8"					1752
A16	PILE TOP	6	6	56	41'-8"					394
A17	PILE TOP	6	12	54	11'-7"					227
A18	PILE HOOP	6	48	61	2'-0"	3'-6"	3'-6"	1'-0"	1'-0"	793
A19	ABUT FACE HORIZONTAL	6	36	50	40'-8"					2199
A20	SEAT TOP	5	2	50	36'-0"					75
A21	WING WALL HORIZONTAL	6	60	61	11'-0"	2'-9"				1239
A22	WING WALL HORIZONTAL	6	60	83	1'-3"	8'-9"	1'-6"			1036
A23	WING WALL HORIZONTAL	6	32	50	14'-10"					713
A24	WING WALL CORNER	5	56	85	1'-3"	1'-9"				175
A25	WING WALL HORIZONTAL	5	44	50	13'-10"					635
A26	WING WALL TOP	5	4	61	9'-9"	2'-0"				49
A27	WING WALL CORNER	5	24	61	1'-7"	1'-6"	1'-6"			115
A28	PILE HOOK	8	8	51	2'-0"					62
A29	WALL TIES	4	156	84	1'-8"					174

END DIAPHRAGM - BAR LIST

MARK NO	LOCATION	SIZE	NO. REQ'D	BEND TYPE	V	W	X	Y	Z	ESTIMATED WEIGHT (LB)
B1	HORIZONTAL TIE TOP	6	4	52	33'-10"					211
B2	HORIZONTAL FACE	4	30	50	33'-10"					678
B3	STIRRUP	4	70	61	5'-6"	1'-7"	1'-7"	0'-9"		440
B4	STIRRUP	4	70	71	6'-7"					634
B5	HORIZONTAL TIE BOTTOM	6	4	52	33'-10"					211

INTERMEDIATE DIAPHRAGM - BAR LIST

MARK NO	LOCATION	SIZE	NO. REQ'D	BEND TYPE	V	W	X	Y	Z	ESTIMATED WEIGHT (LB)
C1	HORIZONTAL TIE	7	9	50	27'-8"					536
C2	STIRRUP	4	75	71	3'-11"					196
C3	HORIZONTAL FACE	4	120	50	4'-9"					794

APPROACH SLAB - BAR LIST

MARK NO	LOCATION	SIZE	NO. REQ'D	BEND TYPE	V	W	X	Y	Z	ESTIMATED WEIGHT (LB)
P1	CURB HORIZONTAL	4	4	50	24'-8"					66
P2	CURB DOWELS	4	52	50	0'-10"					29

BARS SHOWN ARE SUPPLEMENTAL TO THE REINFORCEMENT DETAILED IN WSDOT STD PLAN A-40.50-03

REINFORCEMENT SPLICE TABLE

WHERE SPLICED REINFORCEMENT IS USED IN LIEU OF BAR LENGTHS SHOWN, SPLICES SHALL CONFORM TO THE LENGTHS SHOWN IN THE FOLLOWING TABLES

REINFORCING SPLICE LENGTHS (CLASS B) GRADE 60 $f_c = 4.0 \text{ ksi}$, $l_{rc} = 0.4$, 2" MIN. CONCRETE CLEAR COVER

BAR SIZE	3	4	5	6	7	8	9	10	11	14 & 18
UNCOATED	1'-2"	1'-7"	2'-0"	2'-4"	2'-9"	3'-2"	3'-7"	4'-0"	4'-5"	NOT PERMITTED
COATED (1)	1'-5"	1'-11"	2'-4"	2'-10"	3'-4"	3'-9"	4'-3"	4'-9"	5'-4"	NOT PERMITTED
COATED (2)	1'-7"	2'-1"	2'-7"	3'-1"	3'-7"	4'-1"	4'-8"	5'-3"	5'-9"	NOT PERMITTED

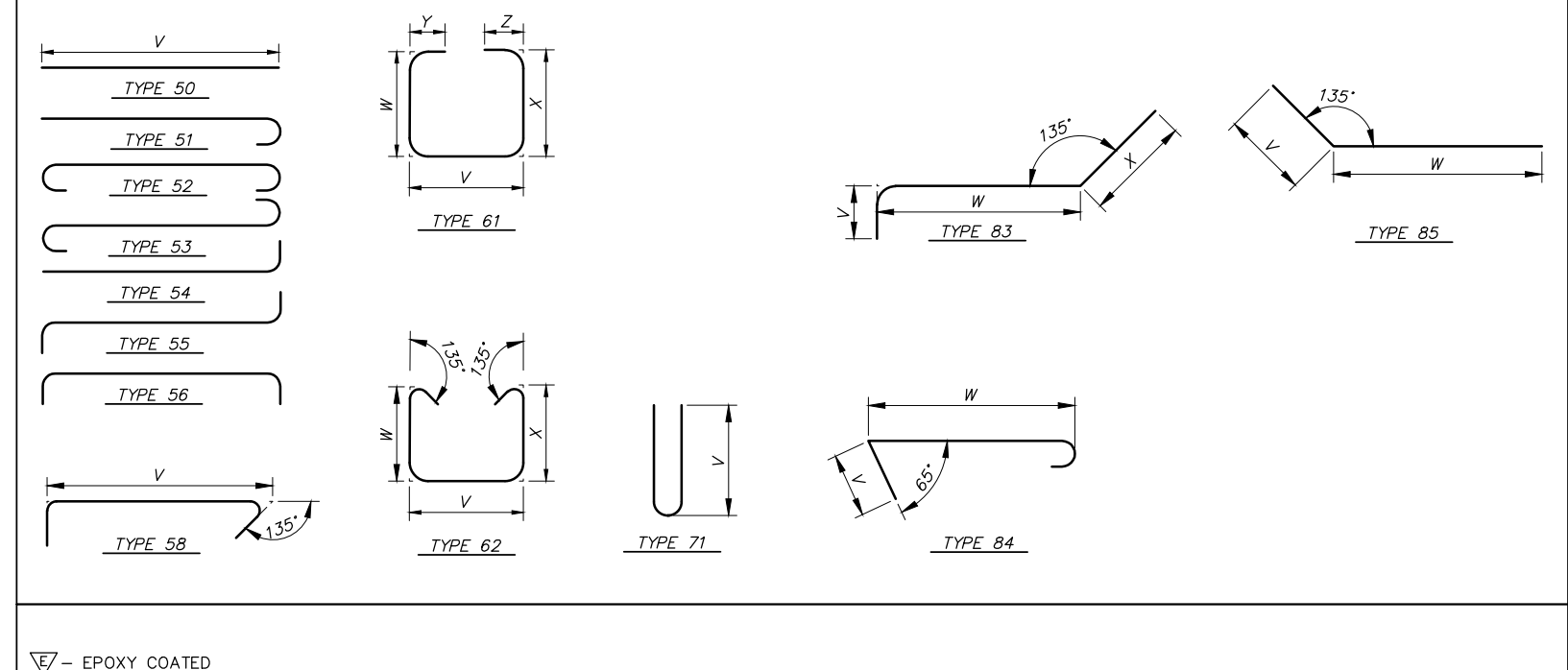
USE COATED (1) FOR EPOXY COATED BARS WITH COVER AT LEAST 3*DB AND CLEAR SPACING BETWEEN BARS AT LEAST 6*DB.
USE COATED (2) FOR EPOXY COATED BARS WITH COVER LESS THAN 3*DB OR CLEAR SPACING BETWEEN BARS LESS THAN 6*DB.

BAR LIST NOTES

- ALL REINFORCING STEEL SHALL BE ASTM A706 GRADE 60.
- SPLICE REINFORCING STEEL AT ALTERNATE BARS, STAGGERED AT LEAST ONE SPLICE LENGTH OR AS FAR AS POSSIBLE, UNLESS SHOWN OTHERWISE.
- TRAFFIC BARRIER, HEADWALLS, APPROACH SLAB, AND GIRDER REINFORCING NOT SHOWN ON THESE LISTS.
- CONTRACTOR RESPONSIBLE FOR VERIFYING DIMENSIONS AND QUANTITIES OF REINFORCING STEEL.

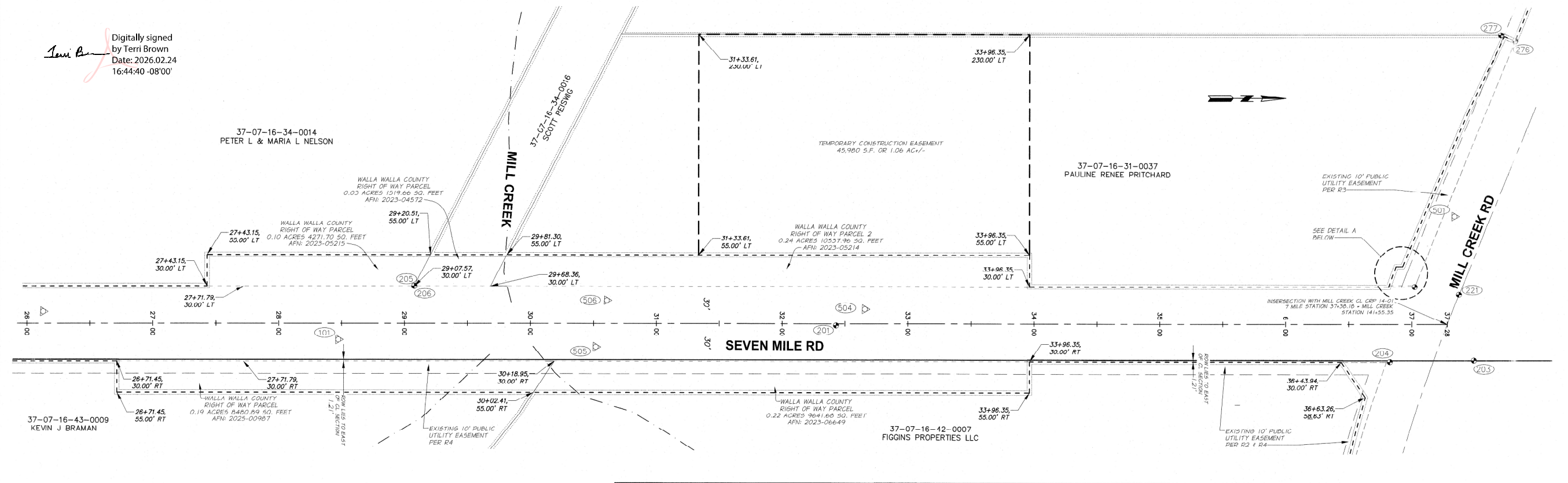
BAR DIAGRAM

BENDING DIAGRAM (ALL DIMENSIONS ARE OUT TO OUT)



DESIGNED BY: E.ZITTERKOPP	DATE: March 25, 2026		WALLA WALLA COUNTY SEVEN MILE BRIDGE ON SEVEN MILE ROAD MP 2.30 TO MP 2.55 BAR LIST	SHEET
DRAWN BY: E.ZITTERKOPP	ACAD FILE: 394-155-060S-601.DWG			FED AID NO. BROS-2036(038)
REVIEWED BY: L.KEENAN	COPYRIGHT 2026 BY ANDERSON PERRY & ASSOC., INC.			30 OF 30

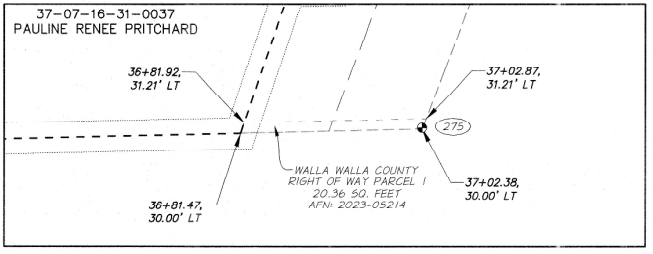
Digitally signed
by Terri Brown
Date: 2026.02.24
16:44:40 -08'00'



RIGHT OF WAY ACQUISITIONS, TEMPORARY CONSTRUCTION EASEMENT AREA, AND RIGHTS OF ENTRY								
OWNER	PARCEL NUMBER(S)	ORIGINAL SIZE (ACRES)	R/W ACQUIRED (ACRES)	R/W ACQUIRED (SQ FT)	REMAINDER AREA (ACRES)	TEMP CONST EASEMENT (ACRES)	TEMP CONST EASEMENT (SQ FT)	RIGHT OF ENTRY
WALLA WALLA COUNTY PREVIOUS OWNER FIGGINS PROPERTIES LLC, AFN 2023-06649	37-07-16-42-0007	4.84	0.22	9,641.68	4.62	N/A	N/A	YES
WALLA WALLA COUNTY PREVIOUS OWNER PAULINE RENEE PRITCHARD, AFN 2023-05214	37-07-16-31-0037	3.32	0.24	10,558.32	3.08	N/A	N/A	YES
WALLA WALLA COUNTY PREVIOUS OWNER SCOTT REISWG, AFN 2023-04572	37-07-16-34-0016	11.70	0.03	1,519.66	11.67	N/A	N/A	YES
WALLA WALLA COUNTY PREVIOUS OWNER PETER L & MARIA L NELSON, AFN 2023-05215	37-07-16-34-0014	3.00	0.10	4,271.70	3.00	N/A	N/A	YES
WALLA WALLA COUNTY PREVIOUS OWNER KEVIN J BRAMAN, AFN 2025-00987	37-07-16-43-0009	6.81	0.19	8,480.89	6.62	N/A	N/A	YES
PAULINE RENEE PRITCHARD	37-07-16-31-0037	3.08	N/A	N/A	3.08	1.06	45,980.06	YES

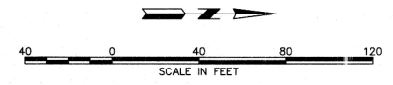
LEGEND

- EXISTING RIGHT OF WAY
- TEMPORARY EASEMENT
- CENTERLINE
- PROPERTY LINE (APPROXIMATE)
- EXISTING EASEMENT
- SECTION LINE
- PREVIOUS RIGHT OF WAY LINE
- CONTROL POINT (SEE TABLE, SHEET 2 FOR DESCRIPTIONS)
- FOUND MONUMENT OF RECORD (SEE TABLE, SHEET 2 FOR DESCRIPTIONS)
- RIGHT-OF-WAY CENTERLINE STATIONING
- CENTERLINE MILL CREEK (FEBRUARY 2021)



DETAIL A

SCALE: 1" = 10'

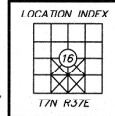


DESIGN AND RIGHT-OF-WAY ALIGNMENT CORRELATIONS			
NORTHING	EASTING	DESIGN STATION/OFFSET	RIGHT-OF-WAY STATION/OFFSET
281,003.96	2,226,571.41	4+00.00/0.00'	26+71.38/2.35' RT
281,104.30	2,226,566.74	5+00.45/0.00'(P.L.)	27+71.79/0.00'
282,059.66	2,226,544.63	14+56.06/0.00'	37+28.18/0.00'

NOTE:
THE DESIGN STATIONS IN THIS TABLE ARE SHOWN HEREON AS A REFERENCE TO THE ANDERSON PERRY & ASSOCIATES, INC. SEVEN MILE BRIDGE DRAWINGS (AP JOB NO. 394-155), RECORDS OF WALLA WALLA COUNTY PUBLIC WORKS



DATED: 2-24-2026



**WALLA WALLA COUNTY, WASHINGTON
SEVEN MILE BRIDGE**

**RIGHT-OF-WAY PLAN
CRP 20-06**

FILE: Z:\W County\394-155 Seven Mile Bridge\DWG\Final ROW\394-155-ROW FINAL PLAN 10-2022.dwg

SCALE: 1" = 40'

DATE: 2/24/26

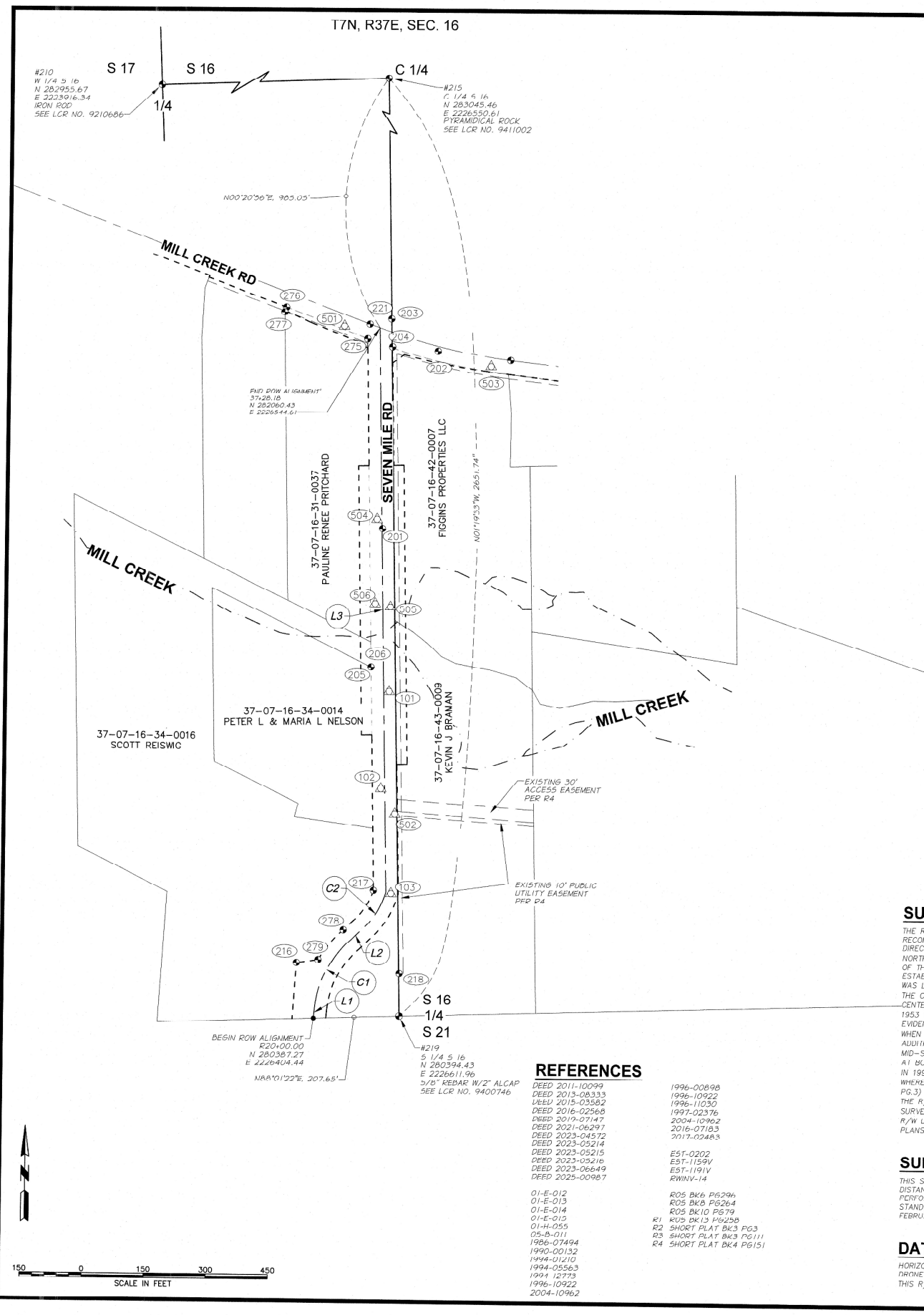
JOB NO. 394-155

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anderson perry & associates, inc.

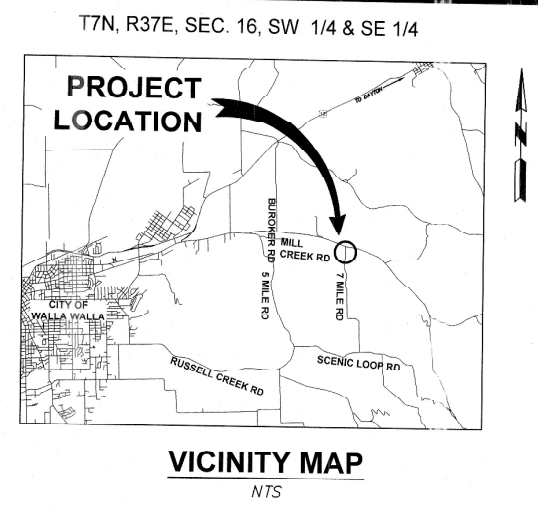
LA GRANDE, OR WALLA WALLA, WA REDEMCO, OR HERISTON, OR

SHEET **1/2**



MONUMENT & CONTROL POINT DESCRIPTIONS

POINT #	ELEVATION	NORTHING	EASTING	STATION	OFFSET	DESCRIPTION
101	1494.92	281180.12	2226577.99	28+47.33	13.00 RT	SET NAIL SPIKE
102	1492.21	280915.18	2226500.70	20+12.05	9.07 LT	SET NAIL SPIKE
103	1494.04	280691.90	2226588.15	OUT OF RANGE	-----	SET NAIL SPIKE
201	1493.34	281575.31	2226557.20	32+42.90	1.36 RT	FOUND PK NAIL IN CENTERLINE
202	1496.16	282006.30	2226685.82	36+70.80	139.92 RT	FOUND RAILROAD SPIKE ON E. SIDE INTERSECTION; RT
303	1502.01	282082.31	2226072.79	OUT OF RANGE	-----	FOUND YELLOW PLASTIC CAP-TOMPKINS SURVEYING
204	1493.33	282015.53	2226575.58	36+82.58	29.92 RT	FOUND YELLOW PLASTIC CAP-TOMPKINS SURVEYING
205	1488.13	281239.53	2226533.40	29+07.76	30.20 LT	FOUND YELLOW PLASTIC CAP
206	1488.19	281239.54	2226533.60	29+07.76	30.00 LT	FOUND YELLOW PLASTIC CAP
216	1497.12	280322.86	2226361.73	21+08.60	73.20 LT	FOUND REBAR
217	1492.71	280699.10	2226548.05	23+57.11	30.06 LT	FOUND YELLOW PLASTIC CAP-TOMPKINS SURVEYING
218	1496.98	280497.80	2226610.89	22+51.84	140.27 RT	FOUND YELLOW PLASTIC CAP-TOMPKINS SURVEYING
221	1492.88	282069.16	2226520.48	OUT OF RANGE	-----	FOUND REBAR
270	1490.89	282033.93	2226515.08	37+02.37	30.14 LT	FOUND YELLOW PLASTIC CAP-TOMPKINS SURVEYING
276	1485.24	282108.87	2226317.78	OUT OF RANGE	-----	FOUND YELLOW PLASTIC CAP-TOMPKINS SURVEYING
277	1484.24	282097.58	2226313.64	OUT OF RANGE	-----	FOUND YELLOW PLASTIC CAP-TOMPKINS SURVEYING
278	1493.98	280602.69	2226474.42	22+20.91	30.21 LT	FOUND REBAR-BENT
279	1496.71	280303.48	2226414.19	21+34.25	30.06 LT	FOUND REBAR
501	1490.11	282064.10	2226458.85	OUT OF RANGE	-----	SET 5/8" REBAR WITH RED PLASTIC CAP "APA CONTROL"
502	1493.24	280884.07	2226595.08	25+50.97	23.24 RT	SET 5/8" REBAR WITH RED PLASTIC CAP "APA CONTROL"
503	1497.66	281970.04	2226814.38	36+31.57	267.61 RT	SET 5/8" REBAR WITH RED PLASTIC CAP "APA CONTROL"
504	1492.59	281597.74	2226543.72	32+65.63	11.59 LT	SET 5/8" REBAR WITH RED PLASTIC CAP "APA CONTROL"
505	1494.98	281384.59	2226578.76	30+51.73	18.50 RT	SET 5/8" REBAR WITH RED PLASTIC CAP "APA CONTROL"
506	1494.33	281392.84	2226541.61	30+60.63	18.45 LT	SET 5/8" REBAR WITH RED PLASTIC CAP "APA CONTROL"



DATED: 2.24.2026

RIGHT-OF-WAY ALIGNMENT

LINE TABLE

LINE #	BEARING	DISTANCE
L1	N02°40'04"E	27.62'
L2	N45°10'34"E	27.17'
L3	N01°19'33"W	1365.81'

CURVE TABLE

CURVE #	LENGTH	RADIUS	DELTA	CHORD DIST.	CHORD BEARING
C1	192.10'	251.36'	43°47'17"	187.46'	N27°13'52"E
C2	115.47'	196.05'	33°45'01"	113.81'	N33°02'42"E

ALIGNMENT NOTES

STARTING STATION: 20+00.00
ENDING STATION: 37+26.18
BOTH CURVES ARE NON-TANGENT CURVES.

SURVEYOR NOTES:

THE RIGHT-OF-WAY (R/W) FOR SEVEN MILE ROAD WAS DETERMINED FROM FOUND MONUMENTATION, CURRENT OCCUPATION, DEED AND SURVEY RECORDS. THE ORIGINAL 1877 COUNTY SURVEY OF SEVEN MILE ROAD EXECUTED UNDER ROAD ESTABLISHMENT NUMBER 202, DOES NOT SHOW A DIRECT CALL TO THE MID-SECTION LINE OF SECTION 16, ALTHOUGH IN HIS NOTES RUNNING ALONG THE CENTERLINE, HIS FINAL CALL RUNNING NORTH INTO MILL CREEK ROAD INDICATES THAT HE IS RUNNING ALONG THE MID-SECTION LINE WHICH HE CALLS OUT BEING "2.00 CHAINS NOKH OF THE 1/4 SECTION CORNER BETWEEN SECTIONS 16 AND 21". THE ONE-QUARTER CORNER COMMON TO SECTIONS 16 & 21 WAS ORIGINALLY ESTABLISHED IN 1860 AND SHOULD HAVE BEEN THE SAME CORNER THAT THE 1877 COUNTY SURVEYOR CALLED OUT, BUT THAT ORIGINAL CORNER WAS LOST AND WAS REESTABLISHED BY PAUL TOMPKINS, PLS IN 1994 (LCR 9400746) AT AN OLD FENCE POST LOCATION. THIS IS MOST LIKELY NOT THE ORIGINAL CORNER LOCATION AS THE 1877 SURVEYOR TIED THE UNDATED OLD COUNTY SURVEY OF SECTION 16 (05-D-11) SHOWS THE CENTERLINE OF ROAD BEING 30 FEET WEST OF THE MID-SECTION LINE, AS DOES THE 1930 SEVEN MILE BRIDGE PLANS (01-E-015). ALTHOUGH THE 1933 CRP 53-14 PLANS (01-H-055) INDICATE THE CENTERLINE OF SEVEN MILE ROAD RUNNING ALONG THE MID-SECTION LINE, THE ONLY FOUND EVIDENCE OF THE HISTORIC R/W LOCATION WOULD BE THE EXISTING BRIDGE AS CONSTRUCTED IN 1930. ACCORDING TO THE PLANS (01-E-015) WHEN IT WAS BUILT THE CENTERLINE OF THE BRIDGE WAS CONSTRUCTED ON THE CENTERLINE OF THE 60 FOOT WIDE R/W. I DID NOT LOCATE ANY ADDITIONAL RECORDS BETWEEN 1933 AND 1994. IN 1994 PAUL TOMPKINS, PLS COMPUTED THE R/W BEING 1.21 FEET EAST OF THE CURRENT MID-SECTION LINE ACCORDING TO THE OVERFLOW BRIDGE THE PAUL TOMPKINS COMPUTED R/W IS WITHIN 0.5 FOOT OF THE R/W AS HE DETERMINED IN 1994. SINCE 1994 THERE HAS BEEN FOUR SHORT PLATS REVIEWED AND APPROVED BY WALLA WALLA COUNTY THAT IDENTIFY THE R/W BEING WHERE PAUL TOMPKINS HAD ESTABLISHED IT IN 1994 - BEING 1.21 FEET EAST OF THE MID-SECTION LINE, ON THE GOSSETT SHORT PLAT (BK.3, PG.3) THERE IS A DEDICATION NOTE FOR THE 1.21 FOOT STRIP OF LAND TO BE DEDICATED FOR R/W, PRESUMABLY TO CLEAR UP ANY ISSUE WITH THE R/W. ALL PARCELS ADJOINING SEVEN MILE ROAD BETWEEN THE SOUTH BOUNDARY OF SECTION 16 AND MILL CREEK ROAD HAVE BEEN SURVEYED AND MONUMENTED UTILIZING THE TOMPKINS 60 FOOT WIDE R/W LOCATION. THIS SURVEY ACCEPTS THE TOMPKINS 60 FOOT WIDE COUNTY R/W LOCATION AND NOT AS IT IS SHOWN BEING ALONG THE MID-SECTION LINE ACCORDING TO WALLA WALLA COUNTY MILL CREEK ROAD R/W PLANS (CRP 14-01).

SURVEY METHOD:

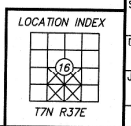
THIS SURVEY WAS CONDUCTED USING A TRIMBLE S6 ROBOTIC TOTAL STATION WITH A STANDARD DEVIATION OF 0'00'03" ANGULAR AND ± 3PPM IN DISTANCE AND TRIMBLE R12 DUAL FREQUENCY RECEIVERS WITH A STANDARD DEVIATION OF 8MM + 0.5 PPM. AN RTK GPS TRAVERSE WAS PERFORMED WITH MULTIPLE TIES TO COMMON CONTROL POINTS AND MONUMENTS. RESULTS MEET OR EXCEED WASHINGTON STATE SURVEY STANDARDS PER WAG. 332-130. ALL CONTROL POINTS AND FOUND MONUMENTS WERE VISITED DURING THE MONTHS OF NOVEMBER 2017 THROUGH FEBRUARY 2018.

DATUM:

HORIZONTAL AND VERTICAL DATUM IS BASED ON CONTROL POINTS PROVIDED BY WALLA WALLA COUNTY FROM THEIR AERIAL CONTROL FOR THE DRONE MAPPING OF THE VICINITY RIGHT AFTER THE FLOOD. NOTE THAT THERE IS ABOUT A 0.4 FOOT HORIZONTAL SHIFT BETWEEN THE DATUM ON THIS R/W DRAWING AND THE WALLA WALLA COUNTY MILL CREEK ROAD R/W PLANS (CRP 14-01).

REFERENCES

- | | |
|-----------------|-------------------------|
| DEED 2011-10099 | 1996-00898 |
| DEED 2013-08333 | 1996-10922 |
| LCR 2015-03582 | 1996-11030 |
| DEED 2016-02568 | 1997-22376 |
| DEED 2019-07147 | 2004-10962 |
| DEED 2021-06297 | 2016-07183 |
| DEED 2023-04572 | 2017-02453 |
| DEED 2023-05214 | |
| DEED 2023-05215 | EST-0202 |
| DEED 2023-05216 | EST-1159V |
| DEED 2023-06649 | EST-1191V |
| DEED 2025-00987 | RWINN-14 |
| 01-E-012 | ROS BK6 PG296 |
| 01-E-013 | ROS BK6 PG264 |
| 01-E-014 | ROS BK10 PG79 |
| 01-E-015 | ROS BK10 PG79 |
| 01-H-055 | R1 SHORT PLAT BK3 PG3 |
| 05-B-011 | R2 SHORT PLAT BK3 PG3 |
| 1996-07494 | R3 SHORT PLAT BK3 PG11 |
| 1990-00132 | R4 SHORT PLAT BK4 PG151 |
| 1994-01210 | |
| 1994-05563 | |
| 1994-12773 | |
| 1996-10922 | |
| 2004-10962 | |

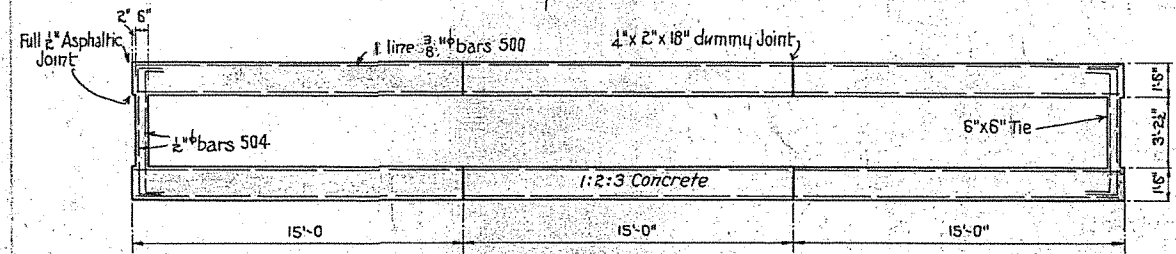
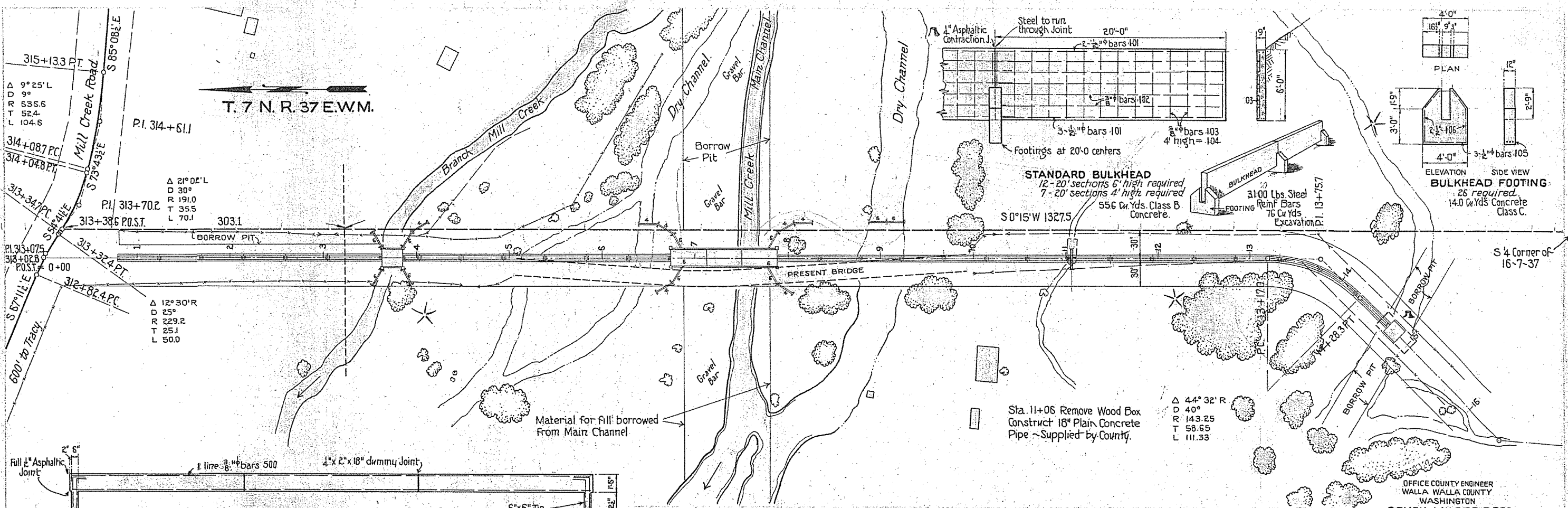


WALLA WALLA COUNTY, WASHINGTON
SEVEN MILE BRIDGE

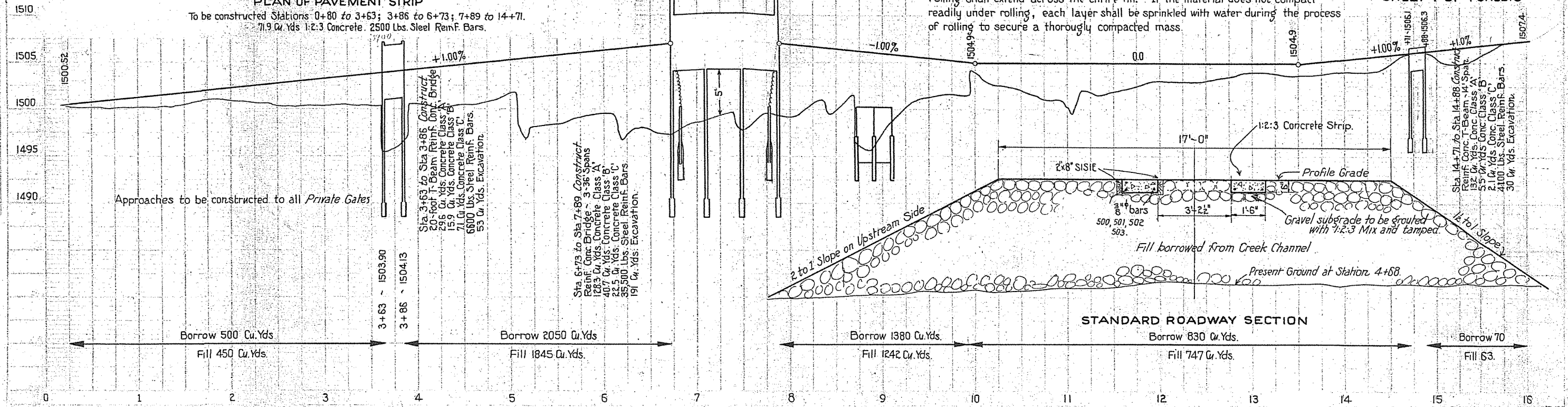
RIGHT-OF-WAY PLAN
CRP 20-06

FILE: Z:\W County\394-155 Seven Mile Bridge\DWG\Final ROW\394-155-ROW FINAL PLAN 10-1022.dwg

SCALE: 1" = 150'		SHEET
DATE: 2/24/26		2/2
JOB NO. 394-155		
214 EAST BIRCH STREET • WALLA WALLA, WA 99362 • (509) 529-9260		

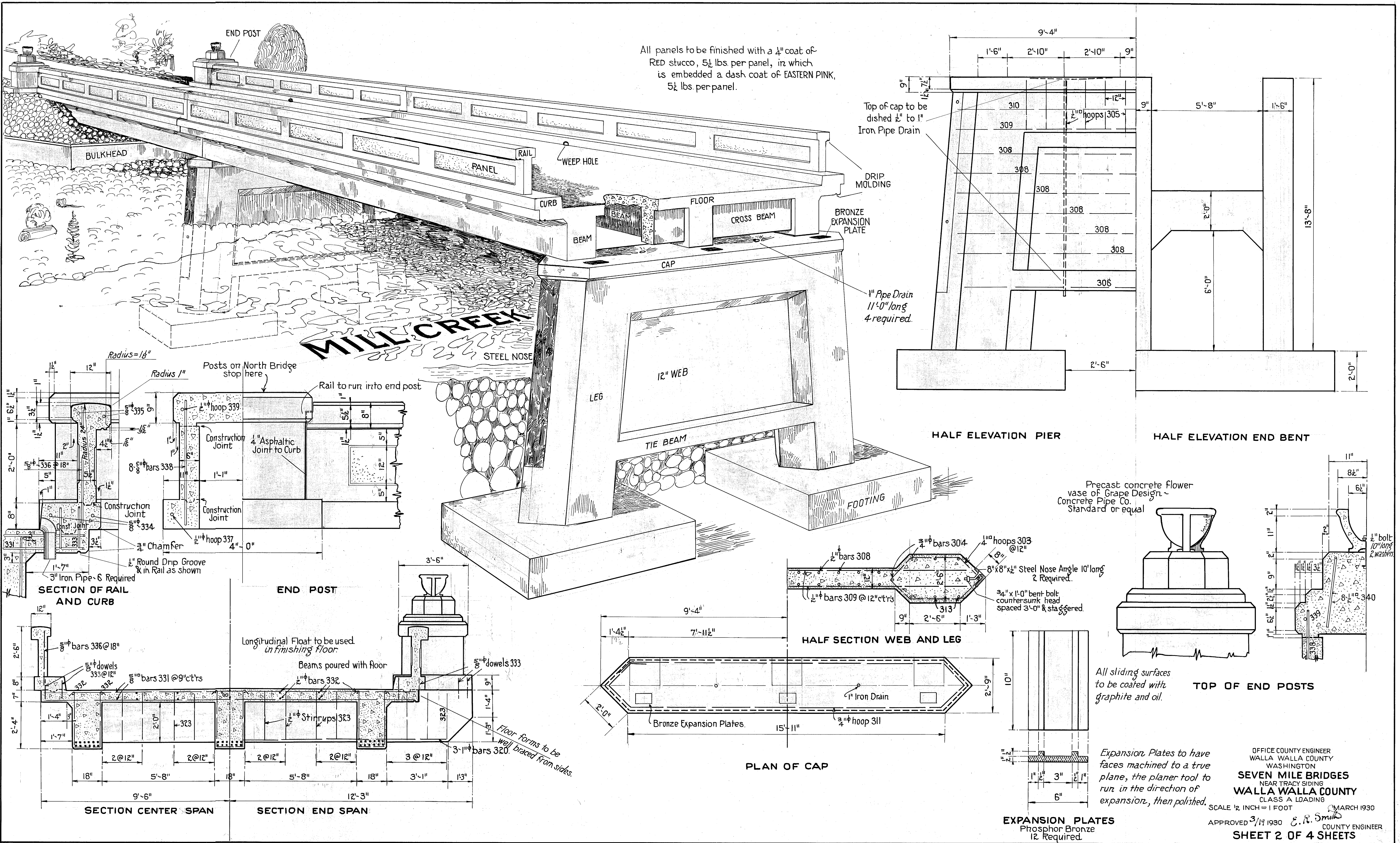


PLAN OF PAVEMENT STRIP
To be constructed Stations 0+80 to 3+63; 3+86 to 6+73; 7+89 to 14+71.
71.9 Cu. Yds. 1:2:3 Concrete. 2500 Lbs. Steel Reinf. Bars.



Embankment to be constructed in successive horizontal layers not exceeding eight (8) inches in thickness. Each layer shall be rolled with a ten (10) ton roller or loaded five (5) ton truck and such rolling shall extend across the entire fill. If the material does not compact readily under rolling, each layer shall be sprinkled with water during the process of rolling to secure a thoroughly compacted mass.

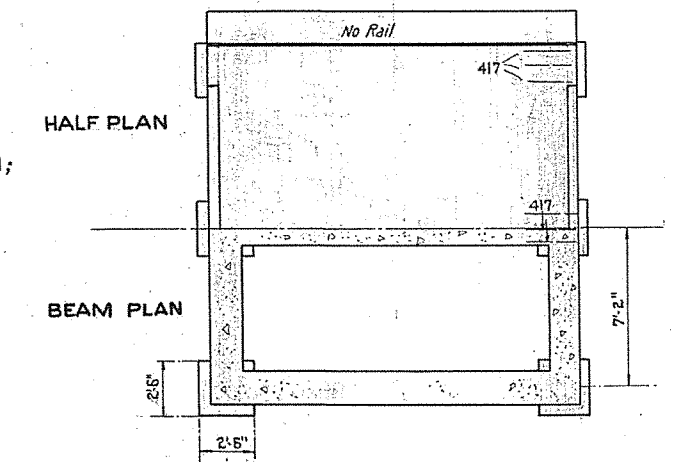
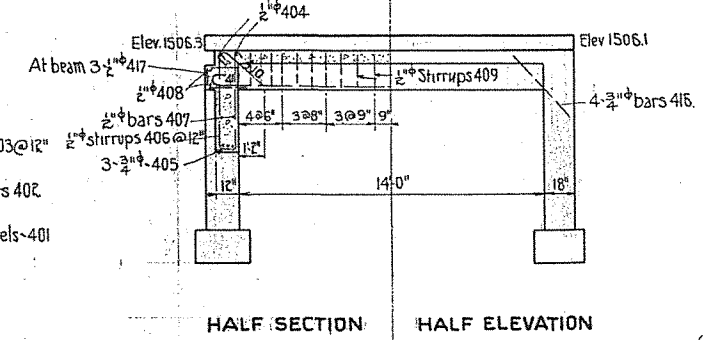
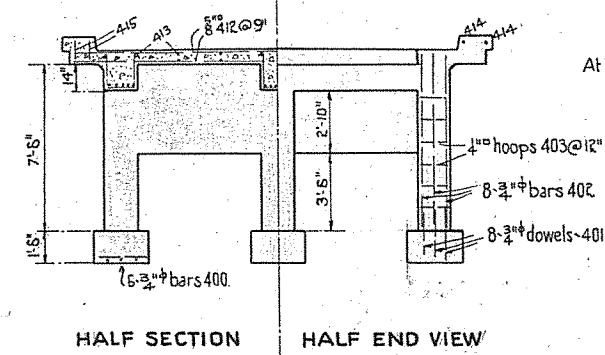
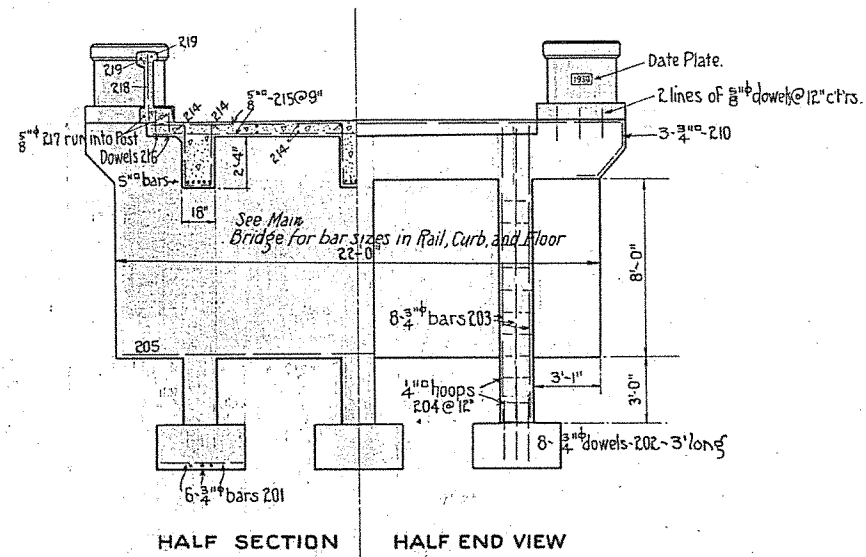
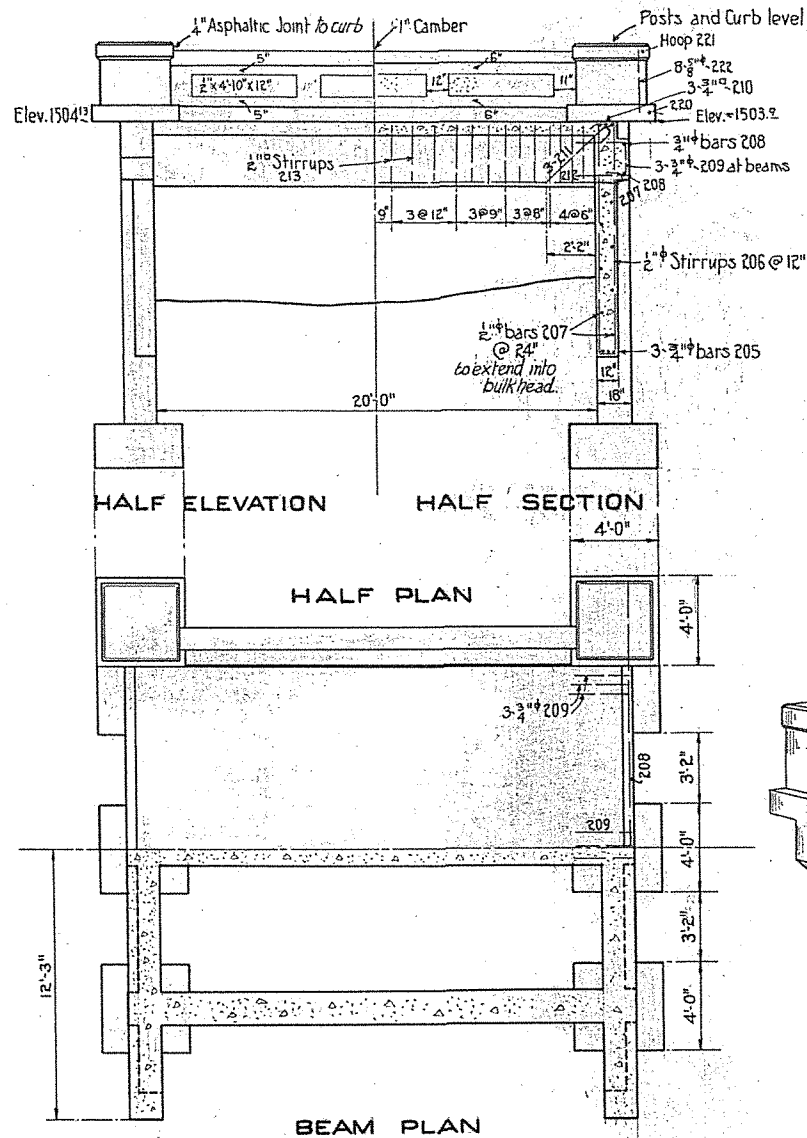
OFFICE COUNTY ENGINEER
WALLA WALLA COUNTY
WASHINGTON
SEVEN MILE BRIDGES
NEAR TRACY SIDING
WALLA WALLA COUNTY
CLASS A LOADING
SCALE HOR. 1 INCH = 50 FEET VER. 1 INCH = 5 FEET
APPROVED 3/19 1930
E. R. Smith
COUNTY ENGINEER
SHEET 4 OF 4 SHEETS

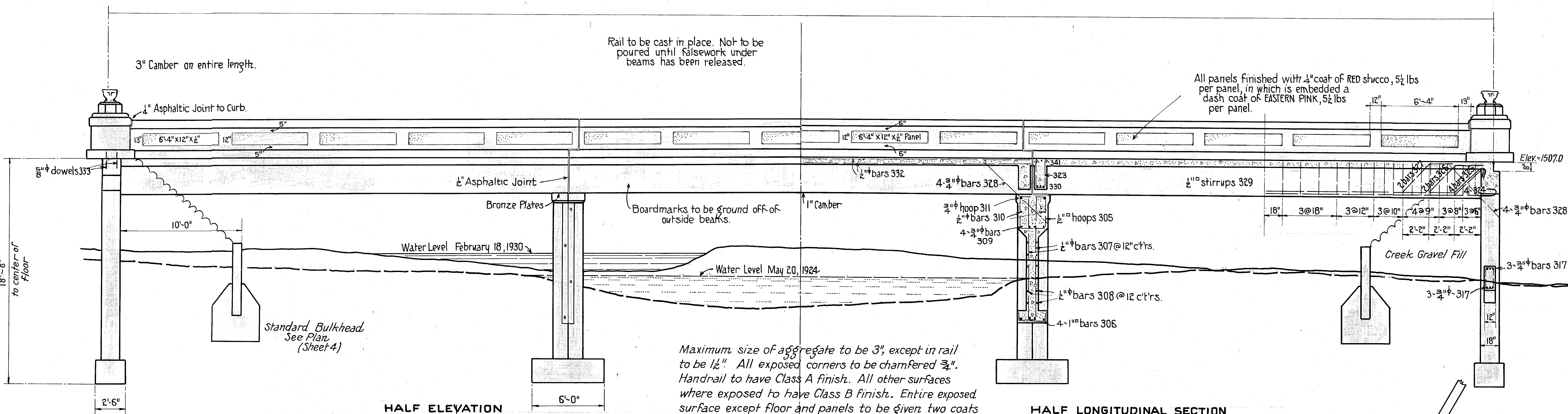


All panels to be finished with a 1/4" coat of RED stucco, 5 1/2 lbs per panel, in which is embedded a dash coat of EASTERN PINK, 5 1/2 lbs per panel.

EXPANSION PLATES
Phosphor Bronze
12 Required.

APPROVED 3/19 1930
E. R. Smith
COUNTY ENGINEER
MARCH 1930
SHEET 2 OF 4 SHEETS



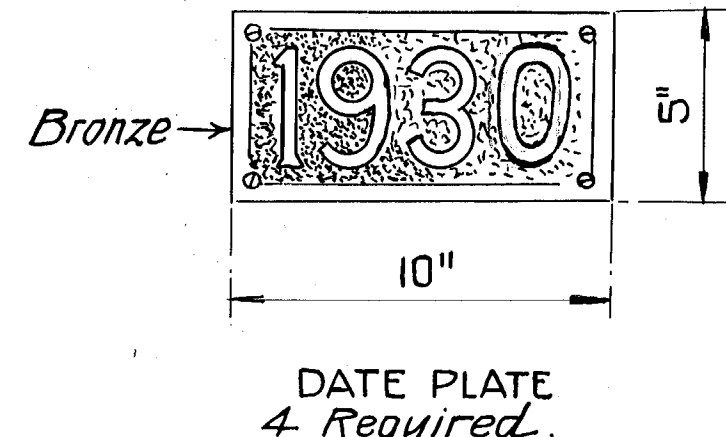
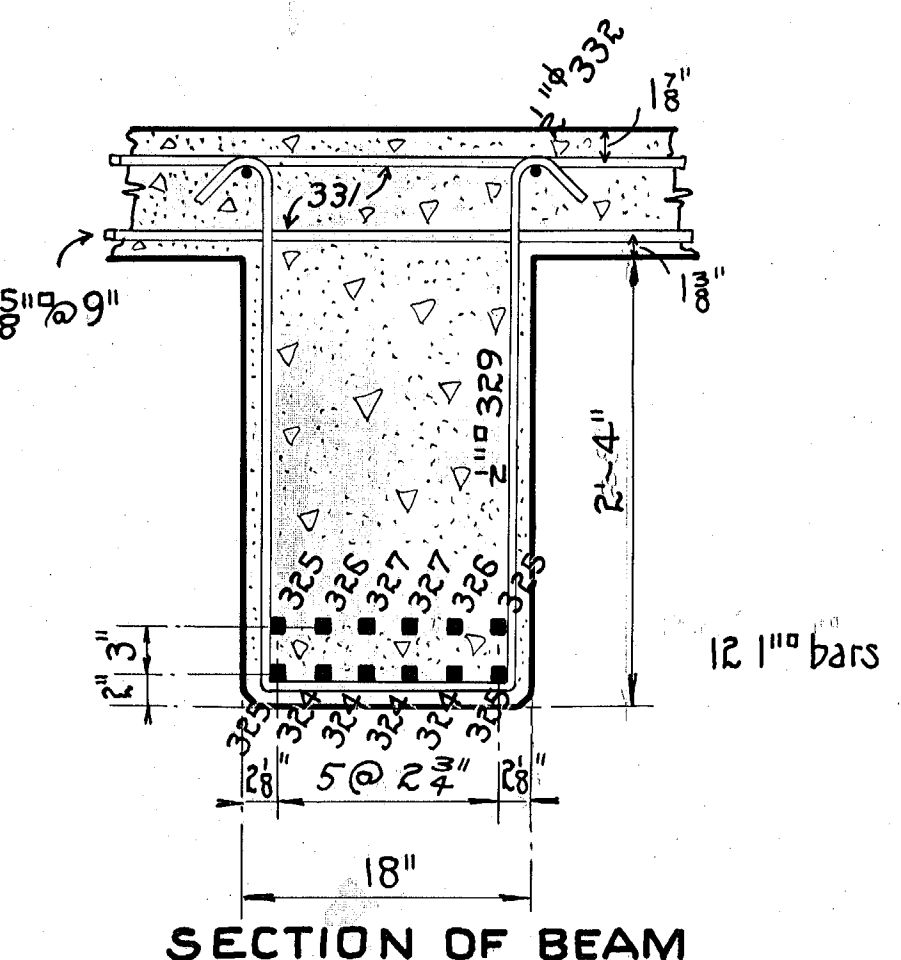
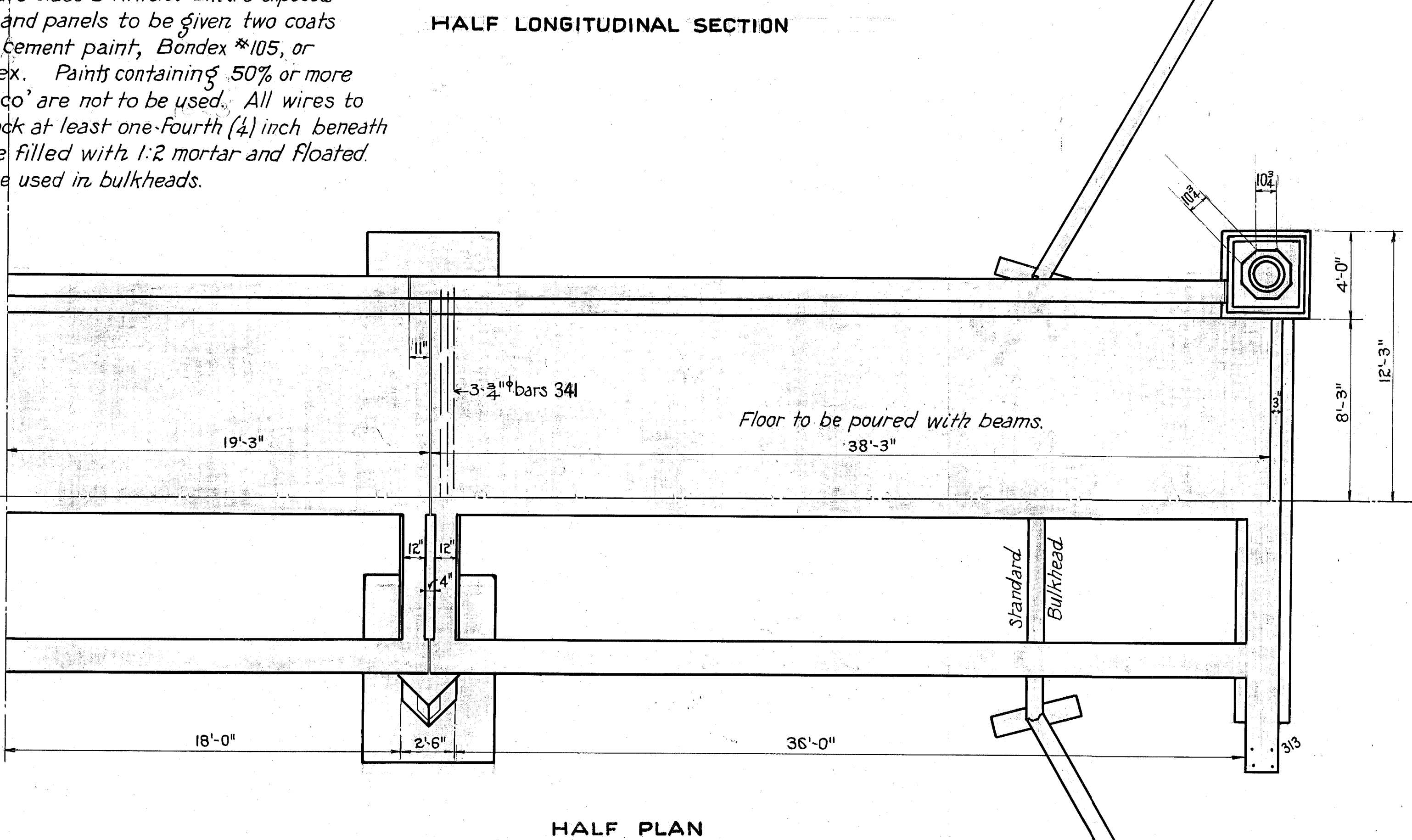
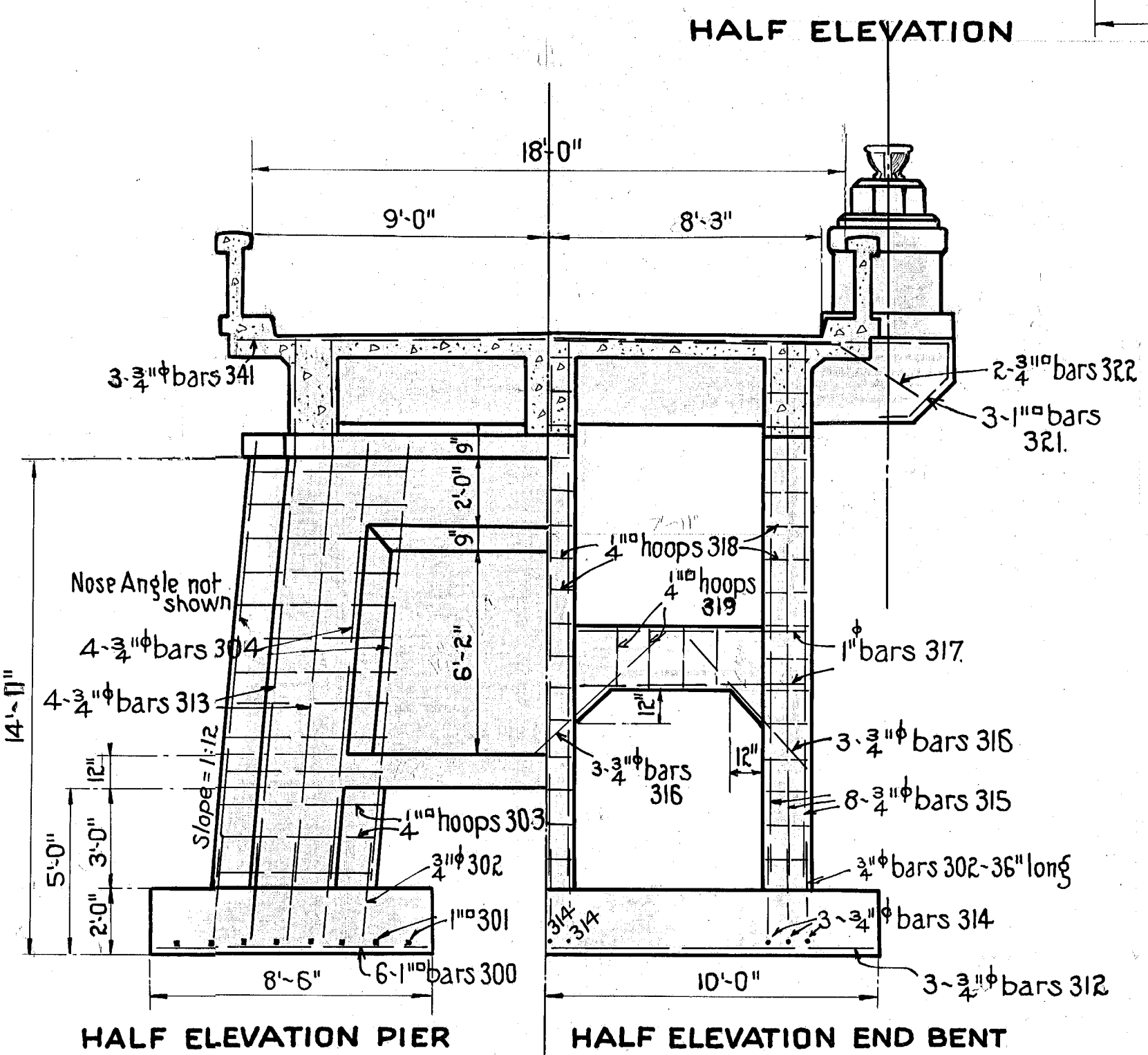


Rail to be cast in place. Not to be poured until falsework under beams has been released.

All panels finished with 1/4" coat of RED stucco, 5 1/2 lbs per panel, in which is embedded a dash coat of EASTERN PINK, 5 1/2 lbs per panel.

Maximum size of aggregate to be 3", except in rail to be 1 1/2". All exposed corners to be chamfered 3/4". Handrail to have Class A finish. All other surfaces where exposed to have Class B finish. Entire exposed surface except floor and panels to be given two coats of pink, waterproof cement paint, Bondex #105, or Aztec #920, or Tamtex. Paints containing 50% or more Calcium Oxide as 'Wesco' are not to be used. All wires to be clipped and set back at least one-fourth (1/4) inch beneath surface. Holes to be filled with 1:2 mortar and floated. 'Form-Hold' ties may be used in bulkheads.

Pouring Order: Footings - Class C; Piers and Benches with tie beams - Class B; T-beams with floor - Class A; Curb, Rail and Posts - Class A.



OFFICE COUNTY ENGINEER
WALLA WALLA COUNTY
WASHINGTON
SEVEN MILE BRIDGES
NEAR TRACY SIDING
WALLA WALLA COUNTY
CLASS A LOADING
SCALE 1/4 INCH = 1 FOOT
APPROVED 3/19 1930
E. R. Smith
COUNTY ENGINEER
MARCH 1930
SHEET 1 OF 4 SHEETS