

INDEX OF SHEETS	
SHEET NO.	DESCRIPTION
A01	Title Sheet
A02	Index Of Sheets Cont. & Std. Dwg. Nos.

STATE OF OREGON
DEPARTMENT OF TRANSPORTATION

PLANS FOR PROPOSED PROJECT

STRUCTURES & SIGNING

OR229: FULLER & OJALLA (SILETZ RIVER)
BRIDGES PROJECT

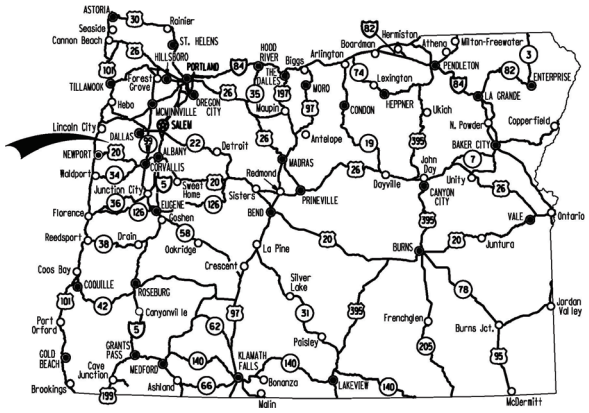
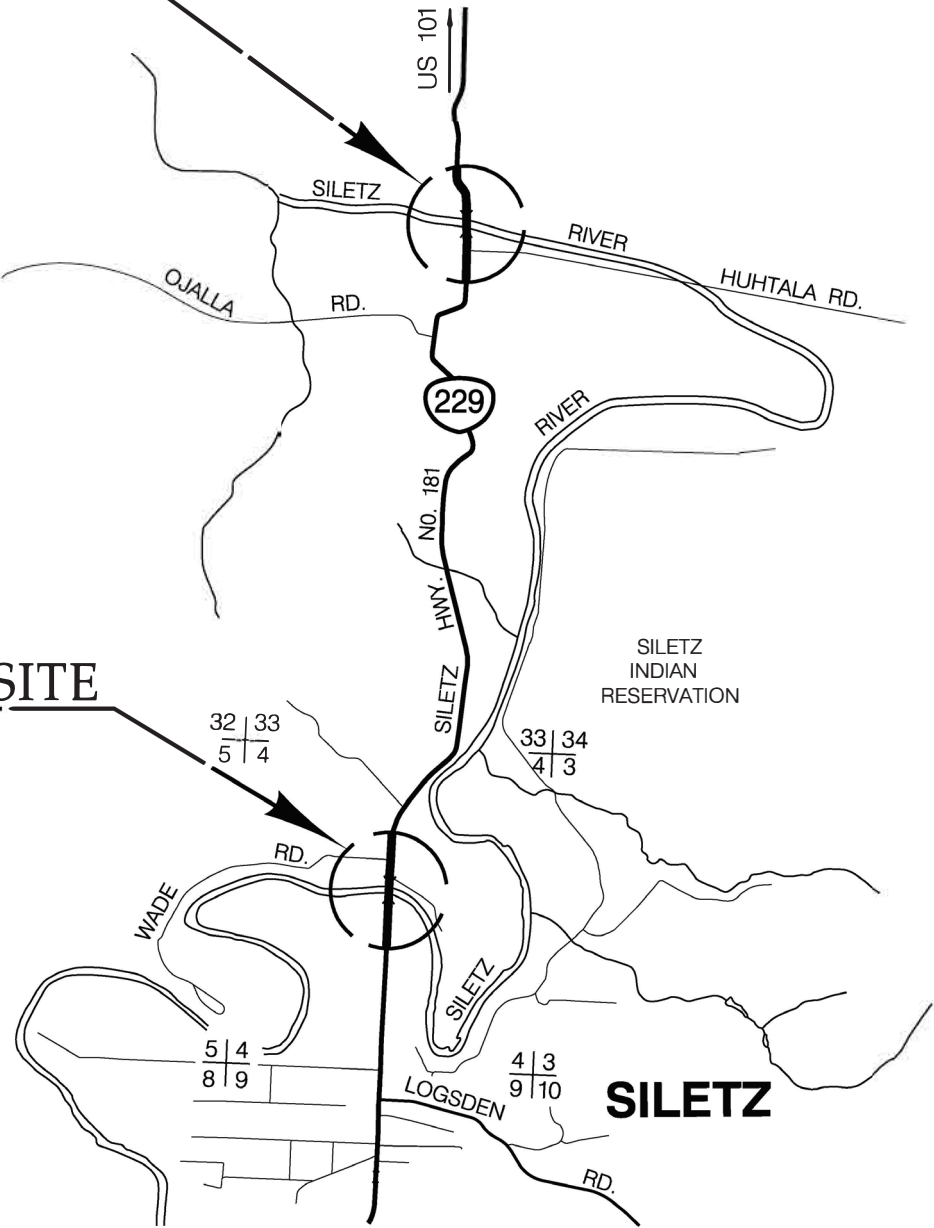
SILETZ HIGHWAY

LINCOLN COUNTY

OCTOBER 2026

PROJECT SITE
MP 20.66

PROJECT SITE
MP 23.10



ATTENTION:
Oregon Law Requires You To Follow Rules Adopted
By The Oregon Utility Notification Center.
Those Rules Are Set Forth In OAR 952-001-0001
Through OAR 952-001-0100.
You May Obtain Copies Of The Rules By Calling
The Center (Note: The Telephone Number For
The Oregon Utility Notification Center Is
(503) 232-1987).



OREGON TRANSPORTATION COMMISSION

Julie Brown
Lee Beyer
Jeff Baker
Phil Chang
Vacant
Chris Warner

CHAIR
VICE CHAIR
COMMISSIONER
COMMISSIONER
COMMISSIONER
INTERIM DIRECTOR OF
TRANSPORTATION

These plans were developed using ODOT design standards.
Exceptions to these standards, if any, have been submitted
and approved by the ODOT Chief Engineer or their delegated
authority.

Approving Authority: **HARRISON Robert**
Signature & date

Robert E. Harrison-R2 Tech. Center Manager

Print name and title
PELTZ Tova R
Concurrence by ODOT Chief Engineer

OR229: FULLER & OJALLA (SILETZ RIVER)
BRIDGES PROJECT
SILETZ HIGHWAY
LINCOLN COUNTY

FEDERAL HIGHWAY ADMINISTRATION	PROJECT NUMBER	SHEET NO.
OREGON DIVISION	S181(009)	A01



T. 9 & 10 S., R. 10 W., W.M.

PE003549 000

INDEX OF SHEETS, CONT.				
SHEET NO.		DESCRIPTION		
AD01, AD02		Survey Control Data		
TRAFFIC CONTROL				
EA01, EA02		Traffic Control Plan		
EA03		Over-Height Detour		
BRIDGE				
SHEET NO.		STRUCTURE NO.	BDS DRAWING NO.	DESCRIPTION
J01		00852A, 00851A	114306	Index, General Notes, and Typical Sections
J02		00852A, 00851A	114307	Truss Bearings Jacking and Removal
J03		00852A, 00851A	114308	Truss Bearings Replacement
J04		00852A, 00851A	114309	Bearing Guide Assembly
J05		00852A, 00851A	114310	RCDG Bearings Jacking and Removal
J06		00852A, 00851A	114311	RCDG Bearings Replacement
J07		00852A, 00851A	114312	Staging
JA01		00852A	114313	Plan and Elevation
JA02		00852A	114314	Concrete Repairs (Ojalla)
JB01		00851A	114315	Plan and Elevation
JB02		00851A	114316	Concrete Repairs (Fuller)
SIGNING				
LA01		Sign Plan & Details		
LA02		Sign Plan		
LC01		Sign & Post Data Table		

Standard Dwg. Nos.

RD500 - 32" Concrete Barrier Type "F" Precast

BR140 - Poured Joint Seal

BR195 - Bridge ID Marker

BR500 - Concrete Repair

BR505 - Reinforcing Bar Repair

BR550 - Rivet Replacement

TM200 - Sign Installation Details

TM201 - Miscellaneous Sign Placement Details

TM635 - Breakaway Sign And Luminaire Supports - Support Location Guidelines

TM671 - 3 Second Gust Wind Speed Map

TM676 - Sign Attachments

TM681 - Perforated Steel Square Tube (PSST) Sign Support Installation

TM687 - Perforated Steel Square Tube (PSST) Anchor Foundation

TM688 - Perforated Steel Square Tube (PSST) Slip Base Foundation

TM689 - Temporary PSST Vane Anchor Installation

TM800 - Tables, Abrupt Edge and PCMS Details

TM810 - Temporary Pavement Markings

TM821 - Temporary Sign Supports

TM822 - Temporary Sign Supports

TM855 - 2-Lane, 2-Way Roadways

TM870 - Bridge Construction

R/W Map No. 6B-18-8

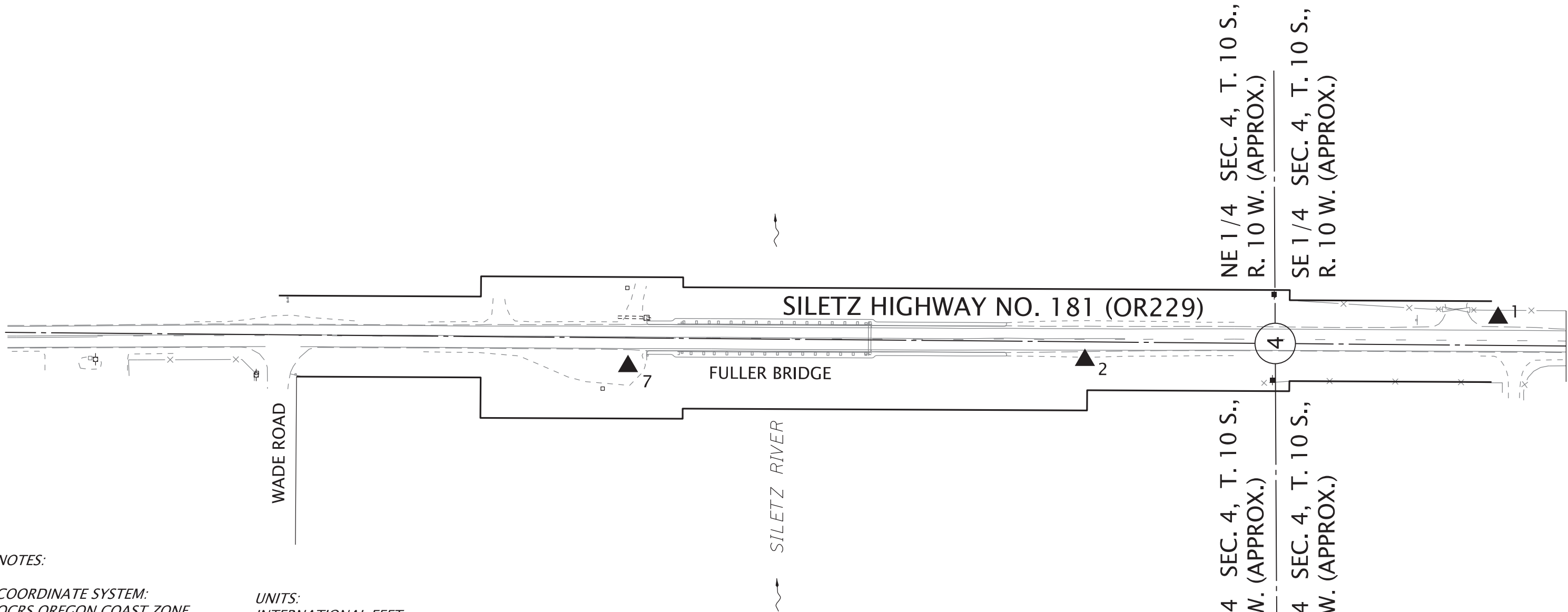


OR229: FULLER & OJALLA (SILETZ RIVER)
BRIDGES PROJECT
SILETZ HIGHWAY
LINCOLN COUNTY

FEDERAL HIGHWAY ADMINISTRATION	PROJECT NUMBER	SHEET NO.
OREGON DIVISION	SEE SHEET A01	A02

Standard Drawings located on the web at:
<http://www.oregon.gov/ODOT/Engineering/Pages/Standards.aspx>

NW 1/4 SEC. 4, T. 10 S., R. 10 W. NE 1/4 SEC. 4, T. 10 S., R. 10 W.
SW 1/4 SEC. 4, T. 10 S., R. 10 W. SE 1/4 SEC. 4, T. 10 S., R. 10 W.



NOTES:

COORDINATE SYSTEM:
OCRS OREGON COAST ZONE

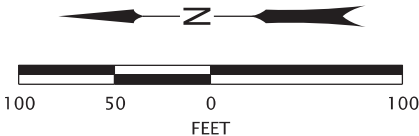
UNITS:
INTERNATIONAL FEET

HORIZONTAL DATUM:
NAD83 (2011) EPOCH 2010.00

DATE OF SURVEY:
JUNE 2024

VERTICAL DATUM:
NAVD88 (GEOID 18)(GRS80)

FIELD VERIFY ALL CONTROL BEFORE USE!

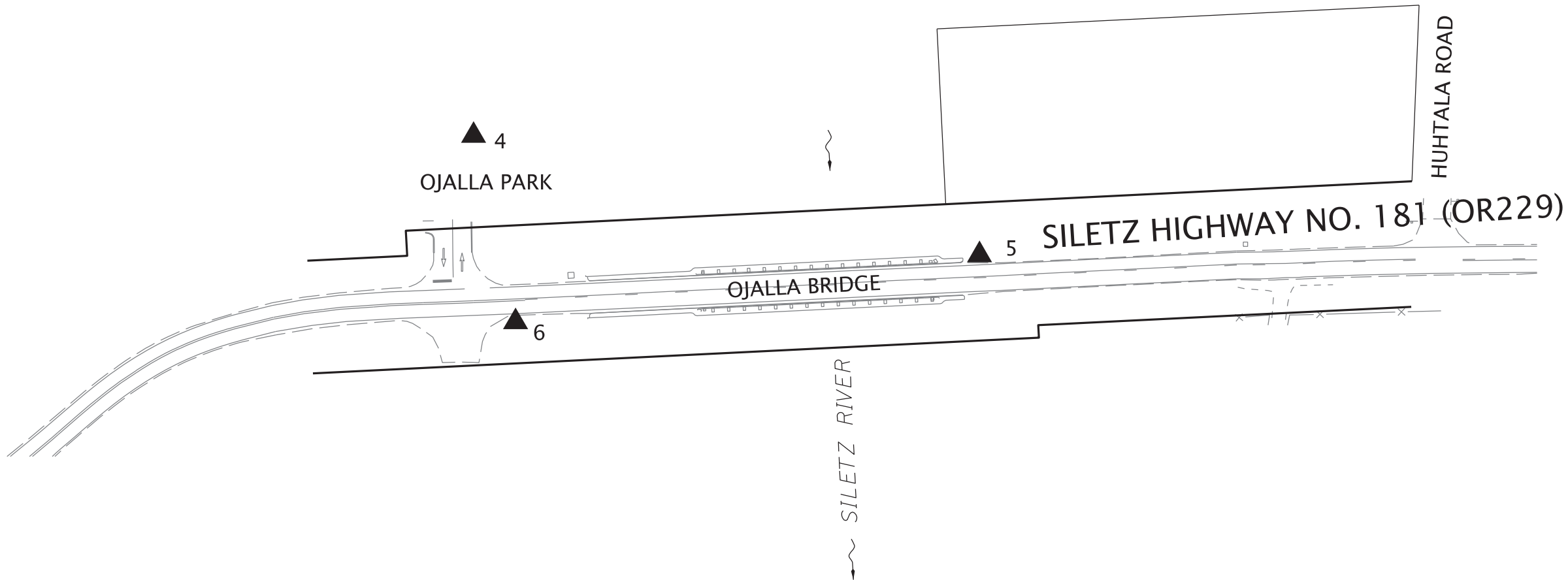


LEGEND
 NETWORK POINT

NETWORK POINT COORDINATE TABLE				
PT. NO.	OCRS NORTHING	OCRS EASTING	NAVD 88 ELEVATION	DESCRIPTION:
1	1,204,009.81	476,415.17	103.69	5/8" X 30" IRON ROD WITH RED PLASTIC CAP, STAMPED "OTAK CONTROL", FLUSH
2	1,204,418.46	476,373.34	111.56	5/8" X 30" IRON ROD WITH RED PLASTIC CAP, STAMPED "OTAK CONTROL", FLUSH
7	1,204,870.48	476,367.24	114.91	5/8" X 30" IRON ROD WITH RED PLASTIC CAP, STAMPED "ODOT", FLUSH

REGISTERED PROFESSIONAL LAND SURVEYOR	OREGON DEPARTMENT OF TRANSPORTATION		
	OR229: FULLER & OJALLA (SILETZ RIVER) BRIDGES PROJECT SILETZ HIGHWAY LINCOLN COUNTY		
Digitally Signed 2026.06.18 16:56:01 -07'00'	Designer: Reed C. Beauduy, PLS Reviewer: Ciara Chertude, PLS		SHEET NO. AD01
OREGON JANUARY 8, 2019 REED CARSLON BEAUDUY 93377PLS	Drafted: Holland J. Hodges, EIT Checker: N/A		
RENEWES: 12-31-2027	SURVEY CONTROL DATA		

NE 1/4 SEC. 28, T. 9 S., R. 10 W.



NOTES:

COORDINATE SYSTEM:
OCRS OREGON COAST ZONE

UNITS:
INTERNATIONAL FEET

HORIZONTAL DATUM:
NAD83 (2011) EPOCH 2010.00

DATE OF SURVEY:
JUNE 2024

VERTICAL DATUM:
NAVD88 (GEOID 18)(GRS80)

FIELD VERIFY ALL CONTROL BEFORE USE!

NETWORK POINT COORDINATE TABLE

PT. NO.	OCRS NORTHING	OCRS EASTING	NAVD 88 ELEVATION	DESCRIPTION:
4	1,216,583.03	477,372.00	82.04	5/8" x 30" IRON ROD WITH RED PLASTIC CAP, STAMPED "OTAK CONTROL", FLUSH
5	1,216,179.57	477,276.76	87.83	5/8" X 30" IRON ROD WITH RED PLASTIC CAP, STAMPED "OTAK CONTROL", FLUSH
6	1,216,549.58	477,223.33	85.51	1 - 1/4" PLASTIC HUB WITH CENTER PUNCH MARK, FLUSH

LEGEND

NETWORK POINT

REGISTERED PROFESSIONAL LAND SURVEYOR

Digitally Signed 2026.06.18 16:56:46 -07'00'

OREGON
JANUARY 8, 2019
REED CARSLON BEAUDUY
93377PLS

RENEWS: 12-31-2027

OREGON DEPARTMENT OF TRANSPORTATION

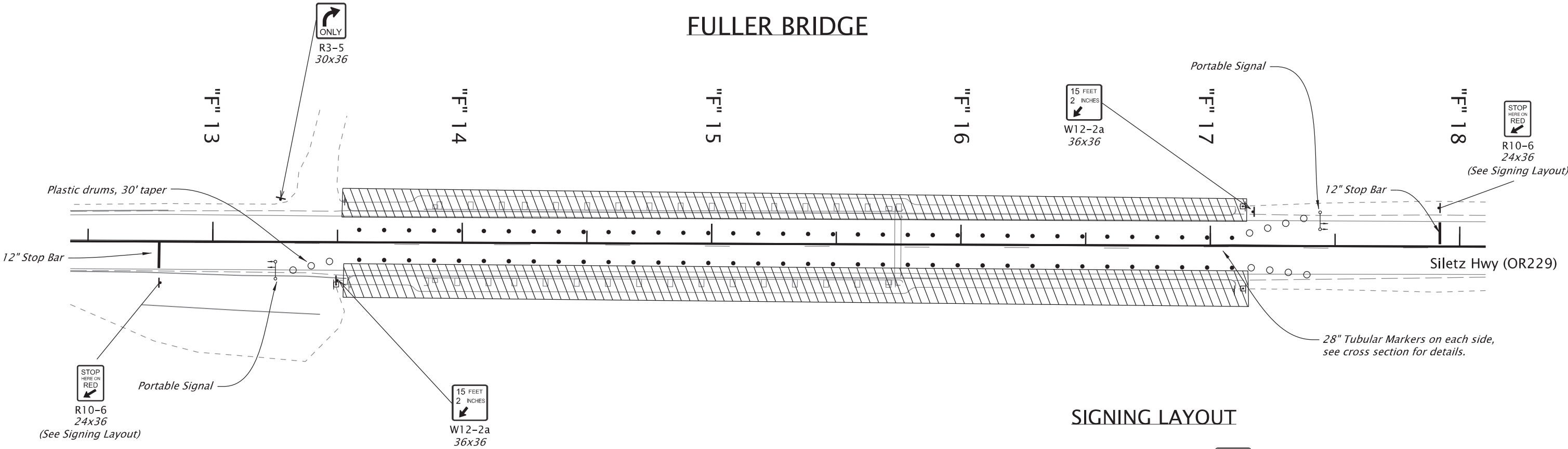
OR229: FULLER & OJALLA (SILETZ RIVER) BRIDGES PROJECT
SILETZ HIGHWAY
LINCOLN COUNTY

Designer: Reed C. Beauduy, PLS
Reviewer: Ciara Chertude, PLS
Drafter: Holland J. Hodges, EIT
Checker: N/A

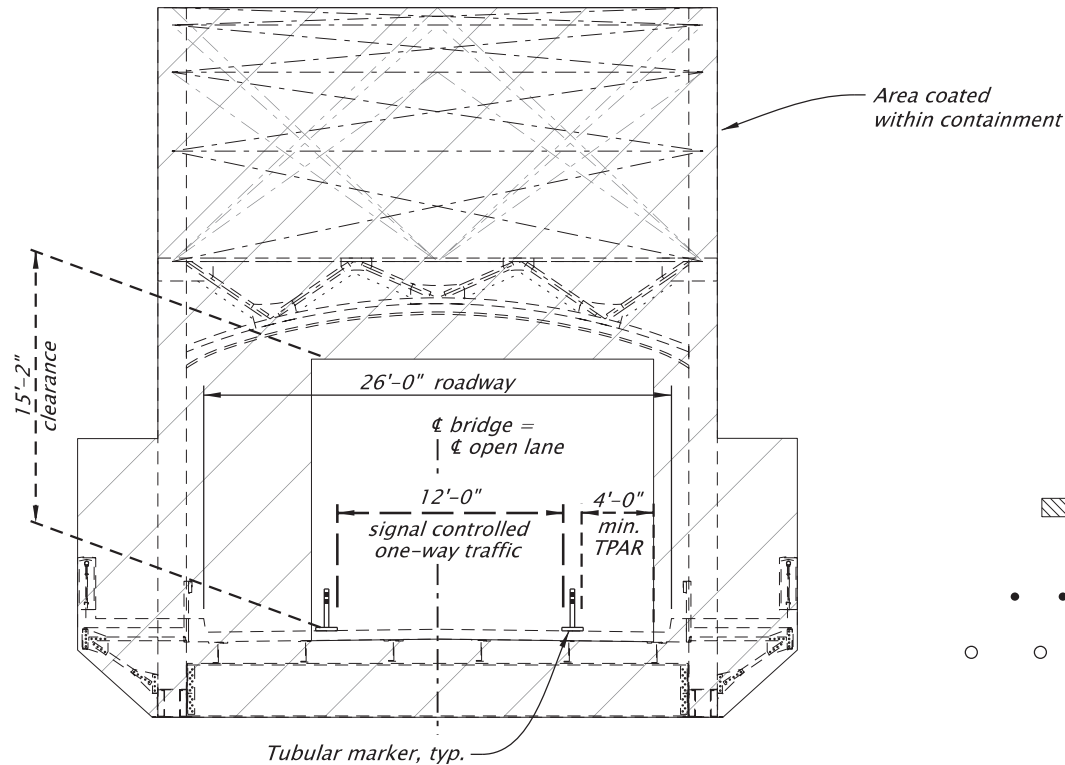
SURVEY CONTROL DATA

SHEET NO.
AD02

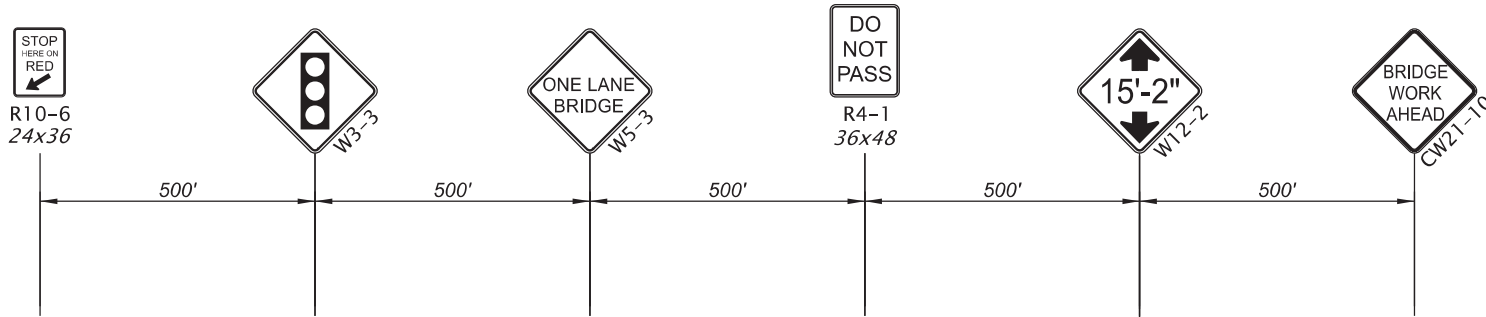
FULLER BRIDGE



CROSS SECTION



SIGNING LAYOUT



NOTE:
Temporary double yellow centerline striping to be used 1500' leading up to stop bar and R10-6 sign, per ODOT TM870. Striping is then to be replaced in kind to existing layout.

LEGEND

- Under construction
- Sign on post
- 28" Tubular markers on 10' max. spacing
- Plastic Drums on 10' max spacing



ACCOMPANIED BY DWGS.:
TM689, TM800, TM810, TM821,
TM822, TM855, TM870

RENEWS: 06-30-2027

OREGON DEPARTMENT
OF TRANSPORTATION



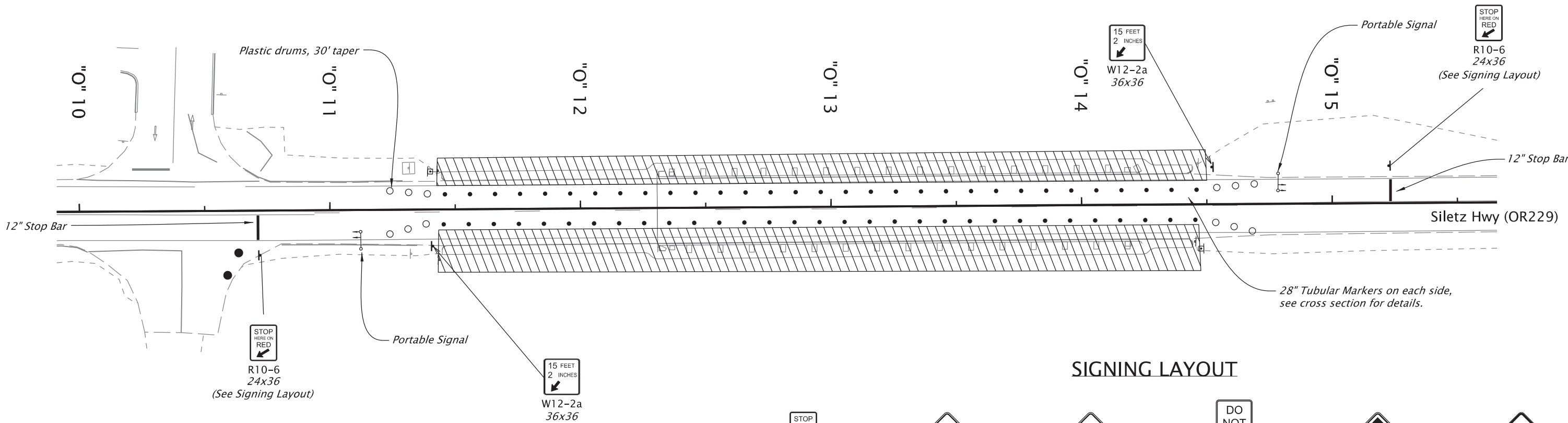
OR229: FULLER & OJALLA (SILETZ RIVER)
BRIDGES PROJECT
SILETZ HIGHWAY
LINCOLN COUNTY

Designer: John Hampton
Reviewer: Jakob Eibel
Drafter: John Hampton
Checker: Christina LaFleur

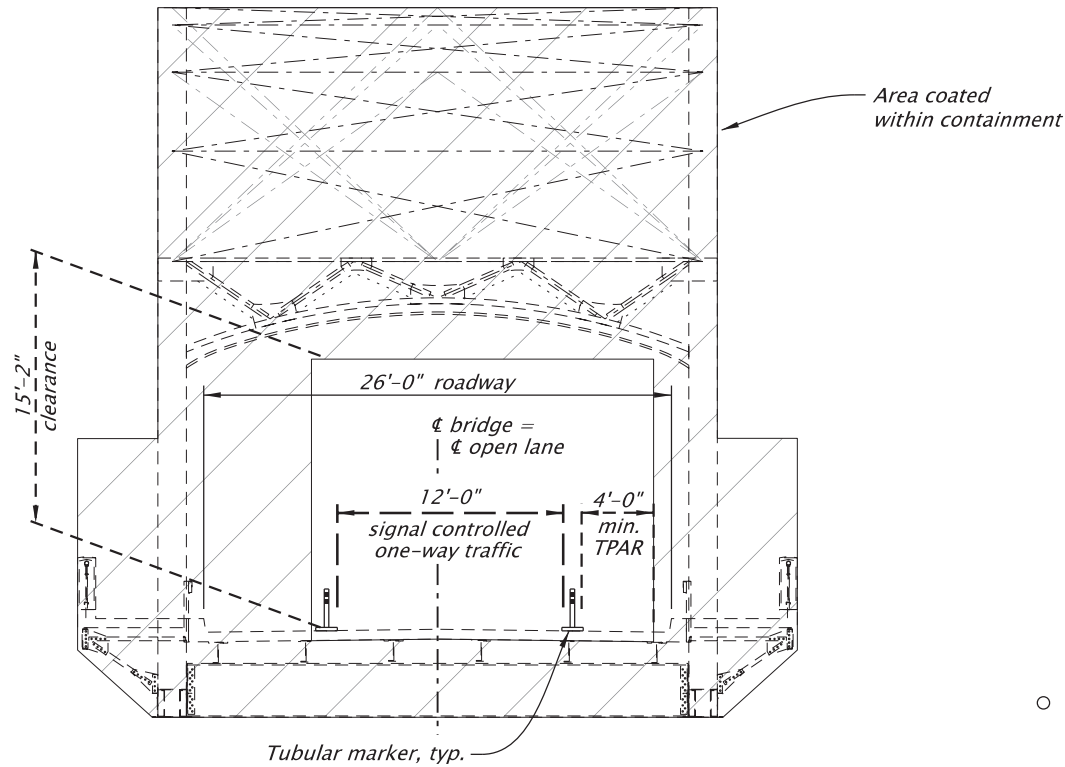
TRAFFIC CONTROL PLAN

SHEET NO.
EA01

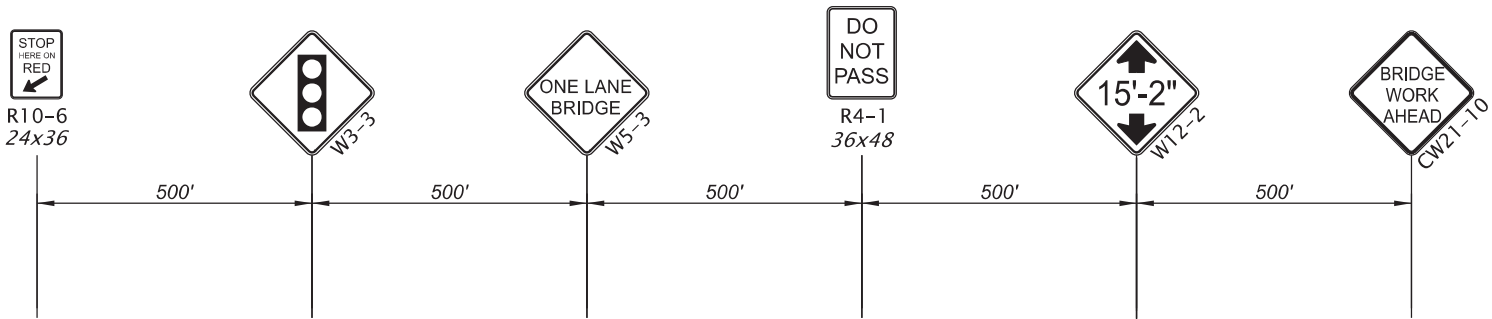
OJALLA BRIDGE



CROSS SECTION



SIGNING LAYOUT



NOTE:
Temporary double yellow centerline striping to be used 1500' leading up to stop bar and R10-6 sign, per ODOT TM870. Striping is then to be replaced in kind to existing layout.

LEGEND

- Under construction
- Sign on post
- 28" Tubular markers on 10' max. spacing
- Plastic Drums on 20' max spacing



OREGON DEPARTMENT OF TRANSPORTATION



OR229: FULLER & OJALLA (SILETZ RIVER) BRIDGES PROJECT
SILETZ HIGHWAY
LINCOLN COUNTY

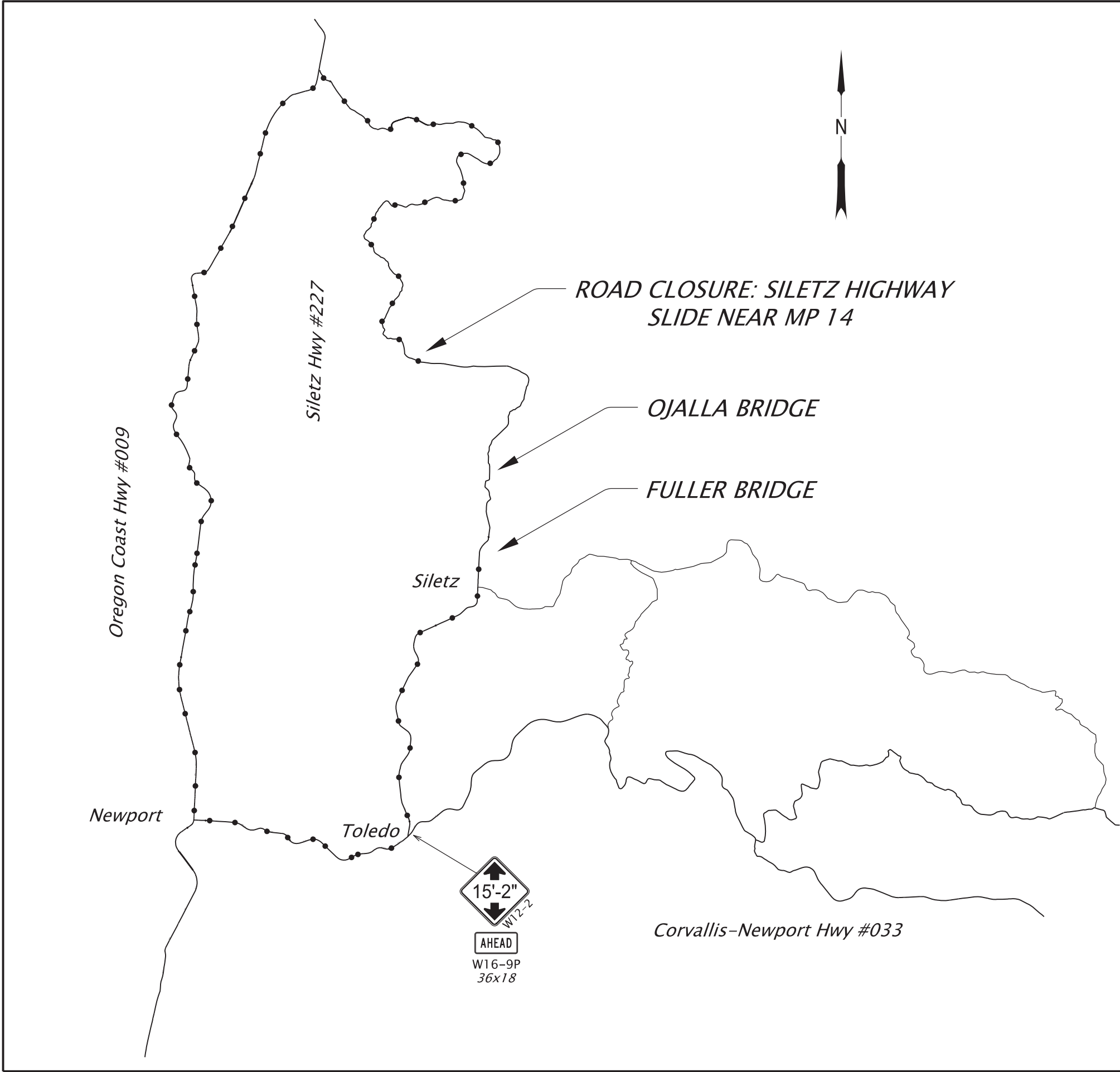
Designer: John Hampton
Reviewer: Jakob Eibel
Drafter: John Hampton
Checker: Christina LaFleur

TRAFFIC CONTROL PLAN

SHEET NO.
EA02

RENEWS: 06-30-2027

FINAL ELECTRONIC DOCUMENT
AVAILABLE UPON REQUEST



LEGEND

• • • • Two-Way Detour

NOTE:

Over-Height vehicles looking to travel south on OR229 will have to travel north on OR229 towards Lincoln City then travel south on US101 towards Newport, then turn east onto US20 before turning north onto OR229 towards Siletz.

Over-Height vehicles looking to travel north on OR229 will have to travel south on OR229 towards Toledo, then travel west on US20 towards Newport, then turn north to travel on US101 towards Lincoln City before turning east onto OR229 towards Siletz.



OREGON DEPARTMENT
OF TRANSPORTATION



**OR229: FULLER & OJALLA (SILETZ RIVER)
BRIDGES PROJECT**
SILETZ HIGHWAY
LINCOLN COUNTY

Designer: John Hampton Reviewer: Jakob Eibel
Drafter: John Hampton Checker: Christina LaFleur

OVER-HEIGHT DETOUR

SHEET NO.
EA03

GENERAL NOTES

DESIGN NOTES:
Bridges are designed in accordance with the 2020, 9th edition of the "AASHTO LRFD Bridge Design Specifications" and October 2025 edition of the "Oregon Bridge Design Manual", in the Bridge Design Category 'Bridge Preservation'.

Design of bearings are designed for all the following Live Loads:
Service and Strength I Limit States:
• HL-93: Design truck or the design tandems and the design lane load.
Strength II Limit States:
• OR-STP-5BW Permit truck
• OR-STP-4E Permit truck
• EV3 truck

CONSTRUCTION NOTES:
Provide all materials and perform all work according to the "Oregon Standard Specifications for Construction 2024".

All dimensions, elevations, and stations shown on the existing structures may not necessarily correspond to in-field conditions and should be treated as approximate. Field verify existing conditions before fabrication or construction and bring major discrepancies between dimensions shown and in-field conditions to the attention of the Engineer.

TEMPORARY WORKS:
Provide work containment at BR00851A and BR00852A for truss coating work.

Additionally, provide work containment for bearing and concrete repair work as shown.

GROUT PADS:
Furnish structural, non-epoxy, rapid set grout from the ODOT QPL suitable for bridge bearing applications.

BEARING PADS:
RCDG bearing pads designed in accordance to AASHTO LRFD 9th Edition, Method "B".

Truss bearing pads designed in accordance to AASHTO LRFD 9th Edition, Method "B".

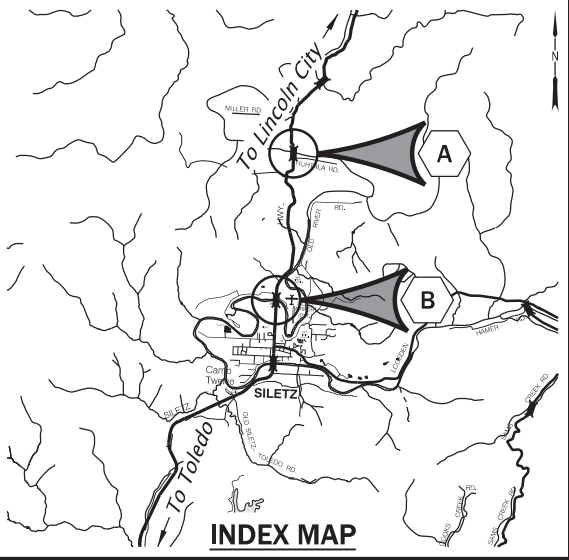
Furnish bearing elastomer material with a shear modulus of 165psi at 73°F.

Vulcanize bond elastomeric bearing pad to new sole and masonry plates.

Field verify all bearing dimensions prior to ordering.

RIVETS:
Provide high-strength fasteners of equivalent diameter for rivet replacement.

Specification F1852 twist-off round head zinc coated bolt, ASTM F3125 Grade F1825 nut and ASTM F436 galvanized washer.



- A** Structure number 00852A
Township 9S, Range 10W, Section 28, W.M.
Latitude, longitude: 44.76423°N, 123.91454°W
- B** Structure number 00851A
Township 10S, Range 10W, Section 4, W.M.
Latitude, longitude: 44.73245°N, 123.91796°W

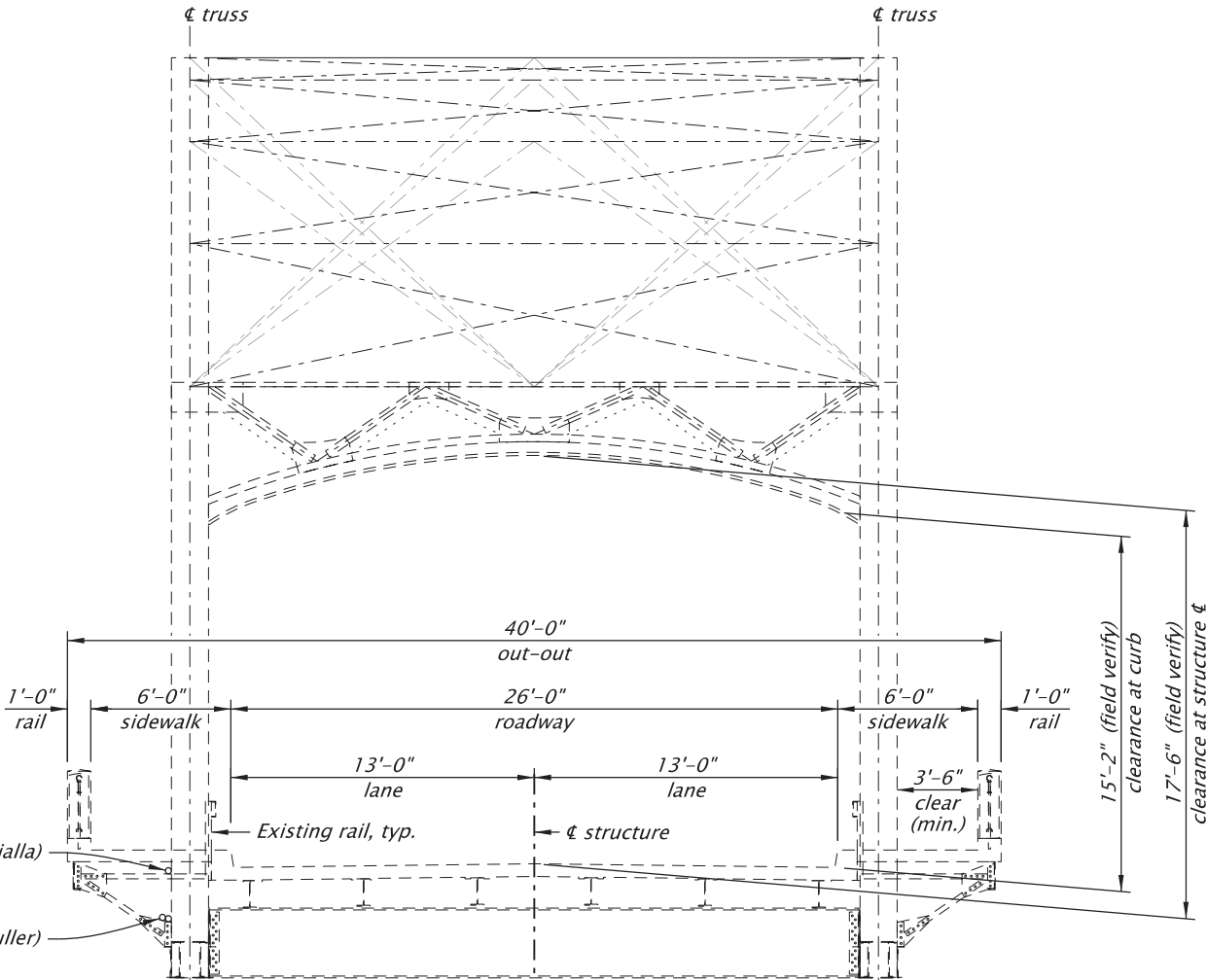
STRUCTURAL STEEL:
Provide ASTM A572 Grade 50 structural shapes and plates.

Produce all welds according to the latest edition of the AWS D1.5 Bridge Welding Code.

Coat all new structural steel after fabrication.

Provide 7/8" diameter galvanized high-strength bolts at structural connections according to ASTM Specification F3125 Grade A325 unless shown otherwise. All structural steel connections are slip critical connections with Class B faying surfaces unless shown otherwise. Exclude bolt threads from shear planes.

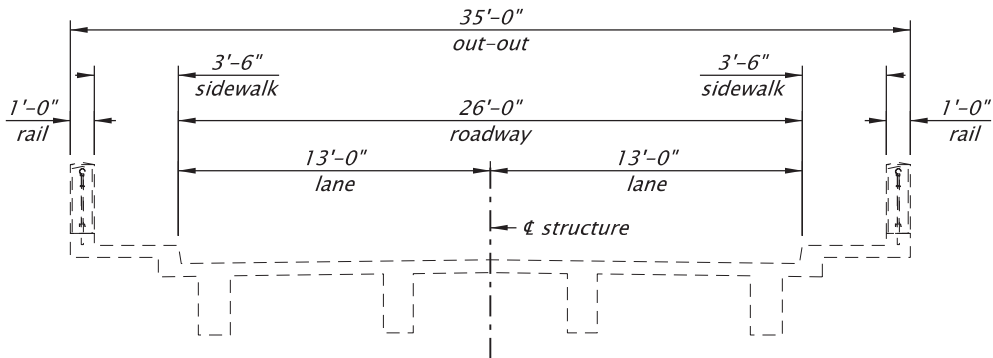
Tighten all high-strength bolts using "Turn-of-Nut Tightening" method.



TYPICAL SECTION - TRUSS SPAN
(LOOKING BACK ON STATION)

Scale: 1/8" = 1'-0"

NOTE:
Utility conduits on west side for both structures. Lower pair (Fuller) and top (Ojalla).



TYPICAL SECTION - APPROACH SPANS

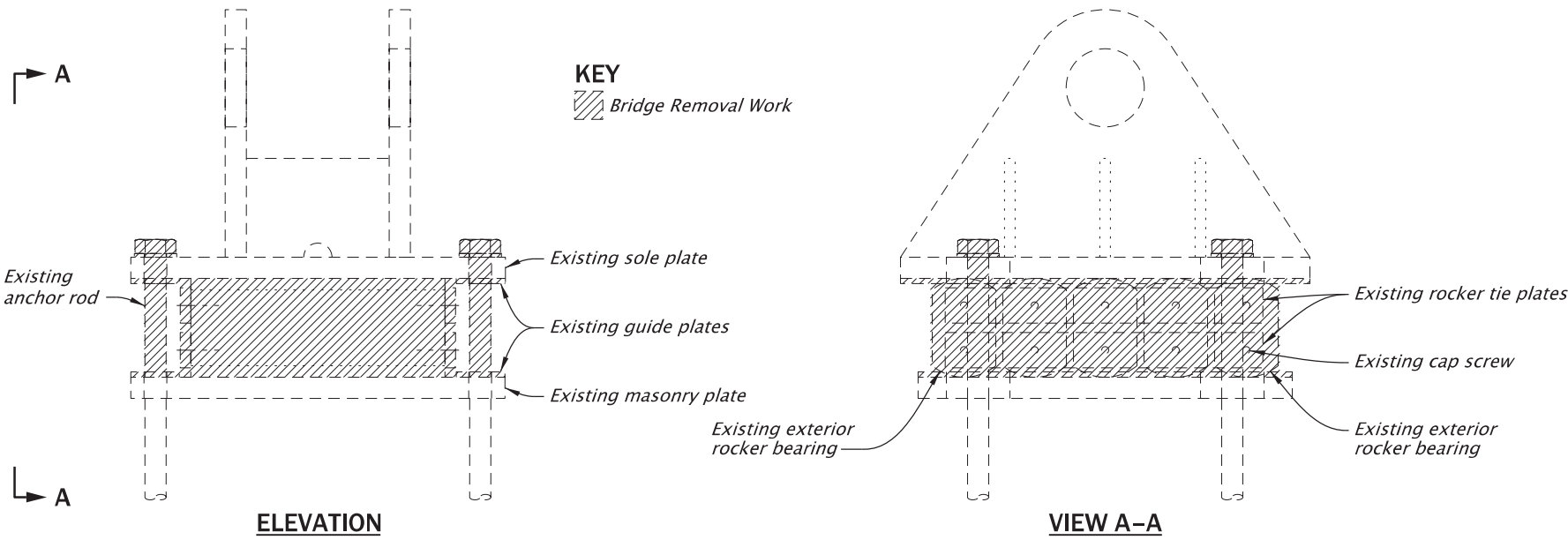
Scale: 1/8" = 1'-0"

NOTE:
Existing communication utilities transition to buried lines at RCDG spans for both bridges.

STRUCTURES:
00852A Siletz R_Hwy181_MP 20.66 (Ojalla)
00851A Siletz R_Hwy181_MP 23.10 (Fuller)

STRUCTURE NO. SEE ABOVE	REGISTERED PROFESSIONAL ENGINEER 65714PE Digitally Signed 2026.07.09 16:27:48-07'00' OREGON MAY 10, 2005 STEPHEN T. BURGESS	OREGON DEPARTMENT OF TRANSPORTATION	
BDS DWG NO. 114306		SEE ABOVE	
CALC. BOOK 7928		OR229: FULLER & OJALLA (SILETZ RIVER) BRIDGES PROJECT SILETZ HIGHWAY LINCOLN COUNTY	
HWY: 181 M.P.: VARIES		Designer: Jaime Sanchez-Lopez, EIT	Reviewer: Stephen Burgess, PE
ACCOMPANIED BY DRAWINGS: J02 - J07	COUNTY Lincoln	Drafter: J. Tillman	Checker: Orren Jennings, PE
IF THIS MEASURES 1 INCH THEN DRAWING IS TO SCALE	DATE June 2026	INDEX, GENERAL NOTES, and TYPICAL SECTIONS	
RENEWES: 12-31-2027		SHEET NO. J01	

FINAL ELECTRONIC DOCUMENT
AVAILABLE UPON REQUEST



TRUSS EXPANSION BEARING REMOVAL
Scale: 1"=1'-0"

- CONCEPTUAL FALSEWORK AND JACKING SEQUENCE
1. Provide one lane two-way traffic lane at roadway center.
 2. Construct temporary work access.
 3. Remove existing guide plates and anchors to the existing masonry plate surface.
 4. Cut existing rocker tie plate and remove exterior rocker bearings as required for jacking system access. Jack and replace one bearing at a time.
 5. Place jacks as shown and lift structure corner 1/4". Mechanically lock out jacks.
 6. Remove remaining rocker bearings and any loose bearing debris.
 7. Clean, grind bearing surface smooth and level, and prepare bearing surfaces for new bearing. Align and install new elastomeric bearing pad assembly as shown. See sheet J03 for bearing details.
 8. Transfer load from jacks to new bearing when ambient temperature is 50°F–60°F.
 9. Construct bearing guide assembly as shown on sheet J04.
 10. Repeat steps 3 through 9 for other bearings.

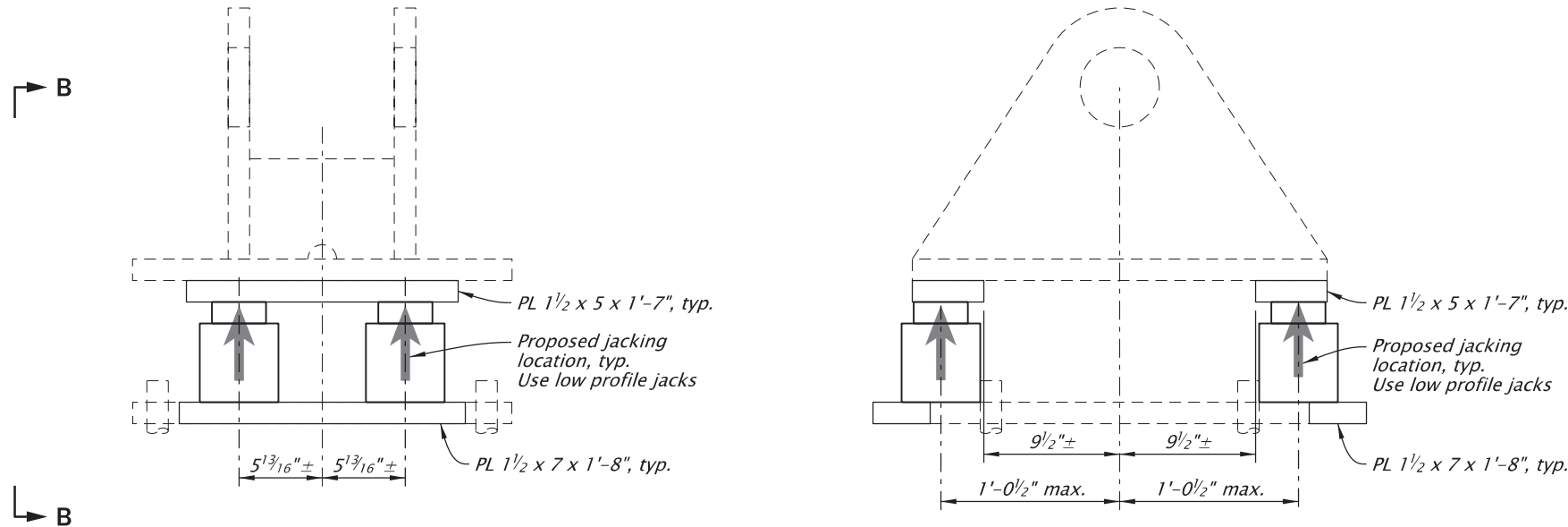
- JACKING NOTES
1. Do not perform jacking under live load.
 2. If jacking plates are placed over concrete, ensure they bear over a flat surface.
 3. Provide hydraulic jack with mechanical locking capability to provide redundant temporary support during the entire jacking operation.
 4. If new elastomeric bearing pad experiences shear deformation greater than 1/2" after load is transferred to the new bearings and within specified jacking temperature range, jack and reset bearings.
 5. ENERPAC Low Profile Lock Nut Hydraulic Ram:
60-ton Nominal Capacity jacks shown for information use only.

Bent# (Fuller and Ojalla)	Unfactored Dead Load (kips/bearing)	Unfactored Live Load (kips/bearing)	Factored Dead Load (1.5 × (DC & DW) (kips/bearing)	Strength II (kips/bearing)
3	254	119	381	478

Keep construction live load below the live load shown in the table.

Factored live load values in the table above include 25% dynamic load allowance.

Live load values in the table above reflect one loaded lane of permit vehicle at bridge centerline.

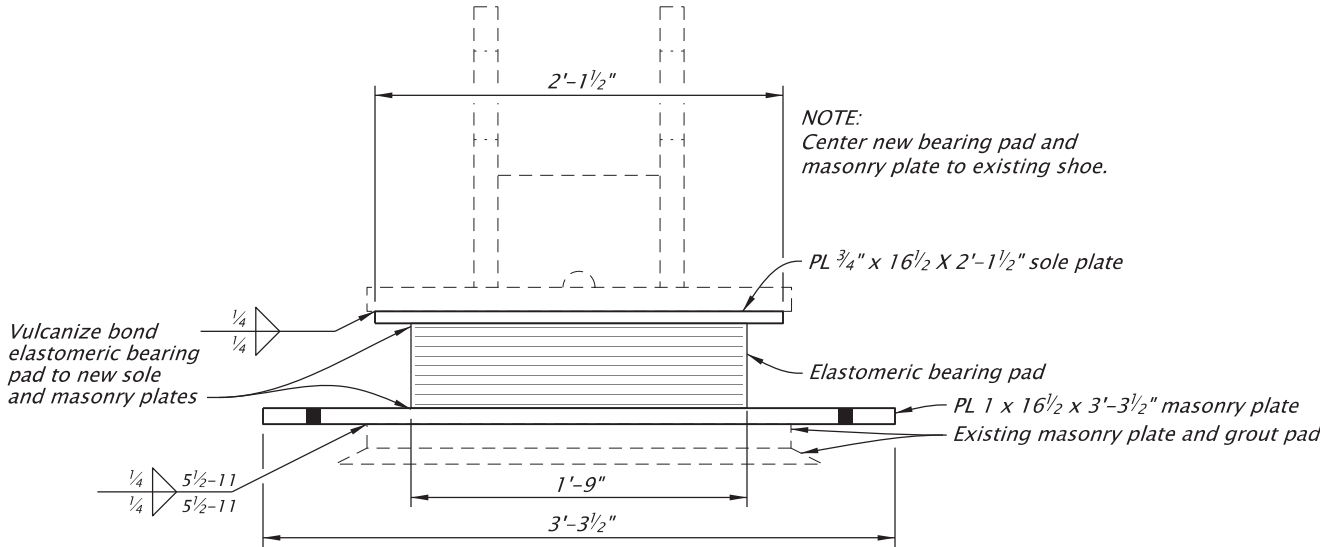


TRUSS JACKING
Scale: 1"=1'-0"

STRUCTURES:
00852A Siletz R_Hwy181_MP 20.66 (Ojalla)
00851A Siletz R_Hwy181_MP 23.10 (Fuller)

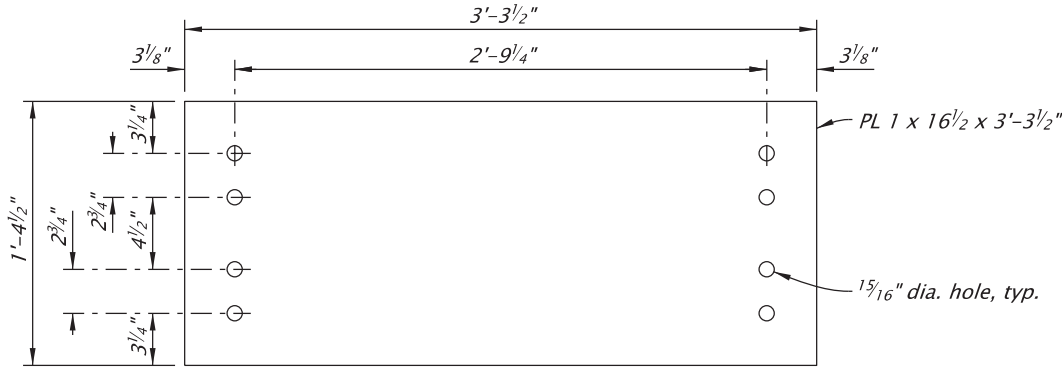
See sheet J01 for Accompanied By Drawings and Informational Drawings.

STRUCTURE NO. SEE ABOVE		OREGON DEPARTMENT OF TRANSPORTATION	
BDS DWG NO. 114307			
CALC. BOOK 7928		SEE ABOVE	
HWY: 181 M.P.: VARIES		OR229: FULLER & OJALLA (SILETZ RIVER) BRIDGES PROJECT SILETZ HIGHWAY LINCOLN COUNTY	
COUNTY Lincoln		Designer: Jaime Sanchez-Lopez, EIT Reviewer: Stephen Burgess, PE	Checker: Orren Jennings, PE
DATE June 2026	RENEW: 12-31-2027	TRUSS BEARINGS JACKING AND REMOVAL	SHEET NO. J02



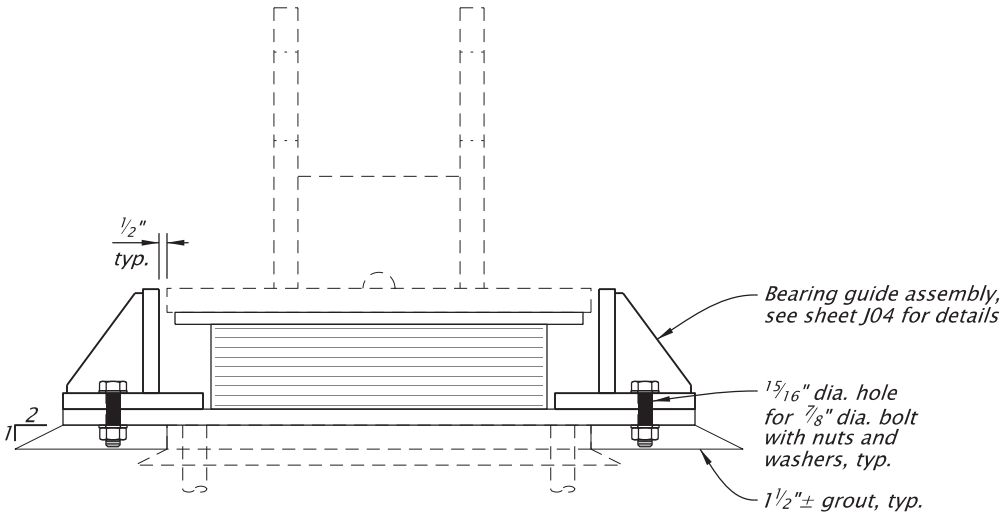
TRUSS ELASTOMERIC BEARINGS

Scale: 1"=1'-0"



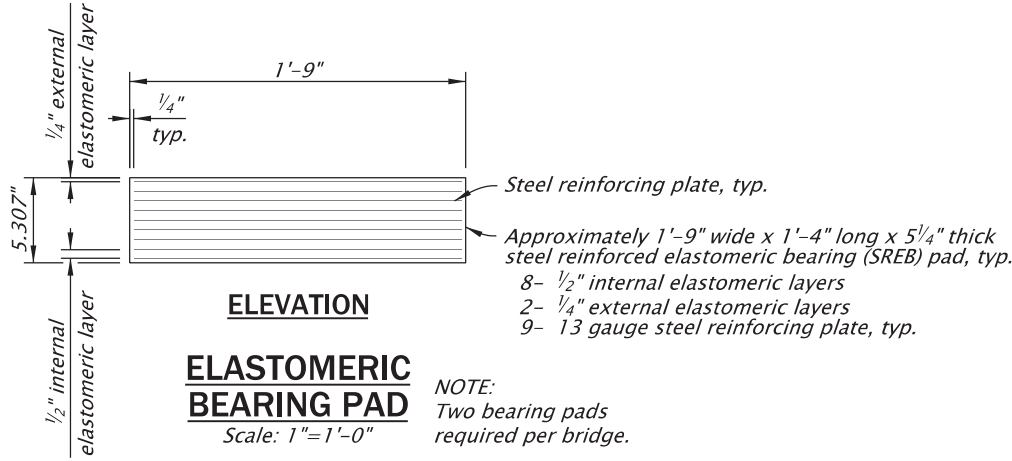
MASONRY PLATE

Scale: 1"=1'-0"



TRUSS BEARING GUIDE ASSEMBLY

Scale: 1"=1'-0"



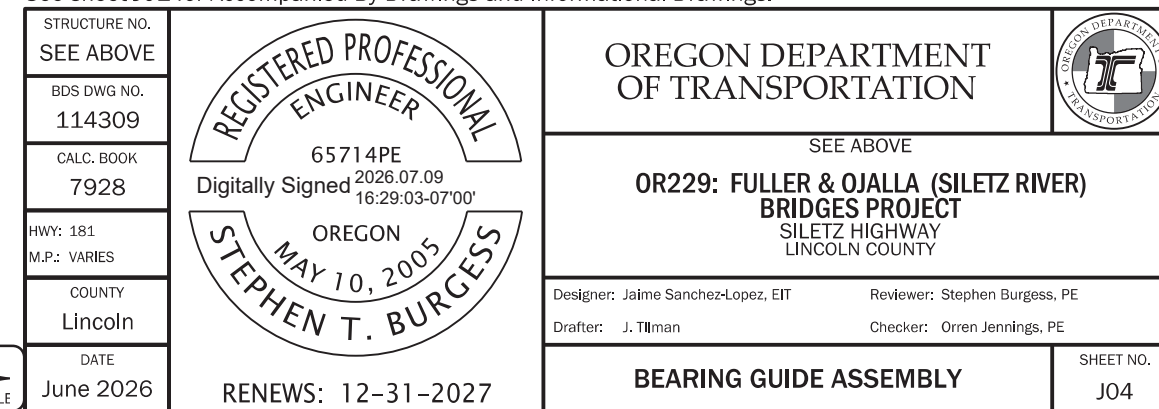
STRUCTURES:
00852A Siletz R_Hwy181_MP 20.66 (Ojalla)
00851A Siletz R_Hwy181_MP 23.10 (Fuller)

See sheet J01 for Accompanied By Drawings and Informational Drawings.

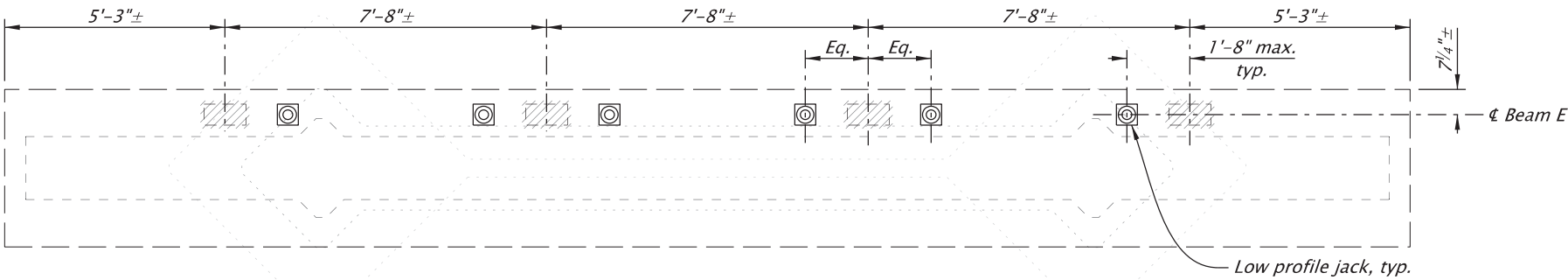
BEARING SCHEDULE														
Bent	Number required	Type	Design Load Capacity in Kips Per Bearing			Initial Offset	Calculated Movements			Movement per 10°F Temp. Change	Minimum Movement Capacity From Initial Position			Bearing Testing Table
			Vertical	Lateral	Longitudinal		58°F Temp. Rise	42°F Temp. Fall	Creep, Shrinkage, & Elastic Shortening		Temp. Rise Direction	Temp. Fall Direction	Total	
3 (Fuller)	2	Guided	426	64	—	0"	7⁄8"	5⁄8"	0"	3⁄16"	1 1⁄16"	3⁄4"	1 3⁄16"	639
3 (Ojalla)	2	Guided	426	64	—	0"	7⁄8"	5⁄8"	0"	3⁄16"	1 1⁄16"	3⁄4"	1 3⁄16"	639

NOTES: Temperature range for bearing placement 50°F–60°F. Initial offset is in reference to the center of the existing sole plate.
Unfactored vertical dead load is 254 kips/bearing (typ.)
Unfactored vertical live load is 173 kips/bearing (typ.)
Live load values in the table and note above reflect two loaded lanes of service live load.

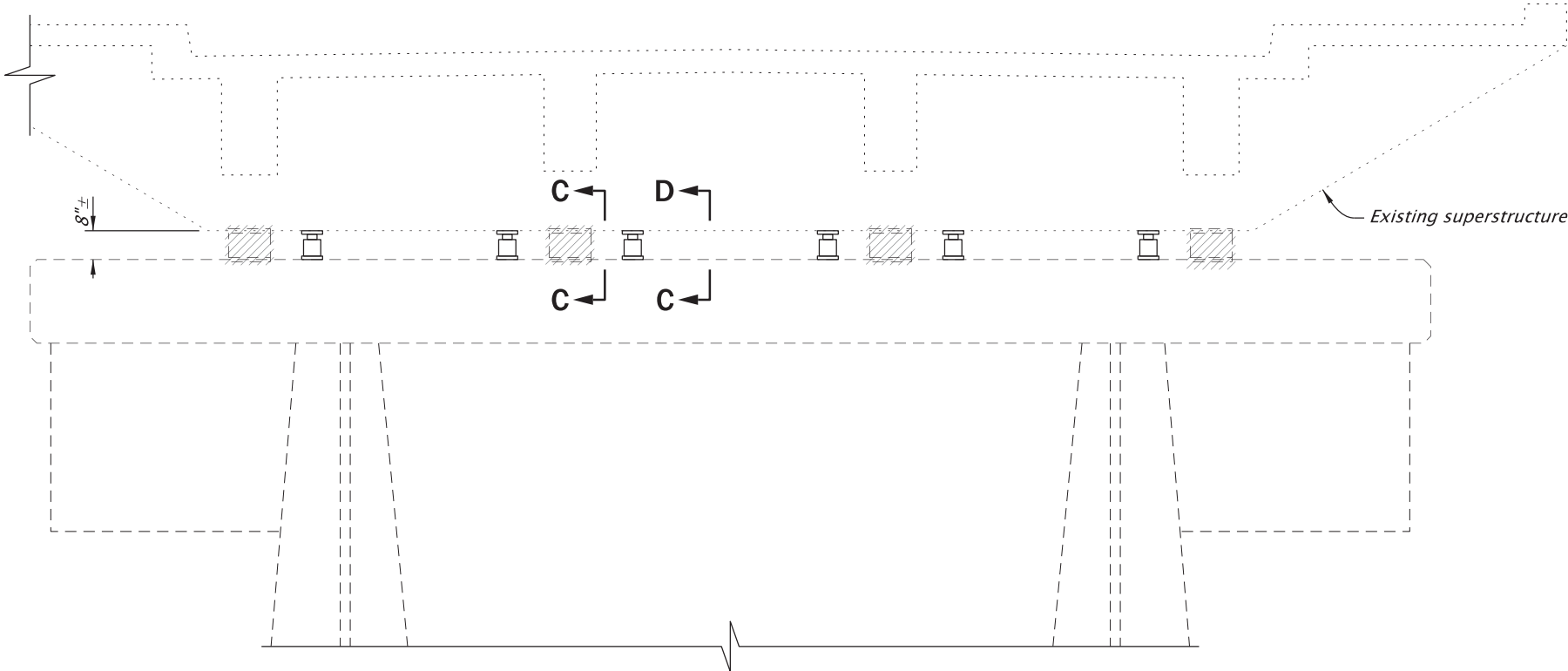
STRUCTURE NO. SEE ABOVE		OREGON DEPARTMENT OF TRANSPORTATION	
BDS DWG NO. 114308		SEE ABOVE	
CALC. BOOK 7928		OR229: FULLER & OJALLA (SILETZ RIVER) BRIDGES PROJECT SILETZ HIGHWAY LINCOLN COUNTY	
HWY: 181 M.P.: VARIES		Designer: Jaime Sanchez-Lopez, EIT Reviewer: Stephen Burgess, PE	
COUNTY Lincoln		Drafter: J. Tillman Checker: Orren Jennings, PE	
DATE June 2026	RENEW: 12-31-2027	TRUSS BEARINGS REPLACEMENT	SHEET NO. J03



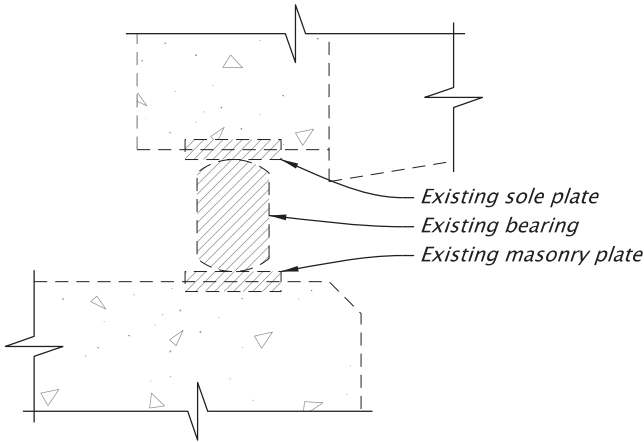
FINAL ELECTRONIC DOCUMENT
AVAILABLE UPON REQUEST



PLAN – EXPANSION END
Scale: 1/4"=1'-0"

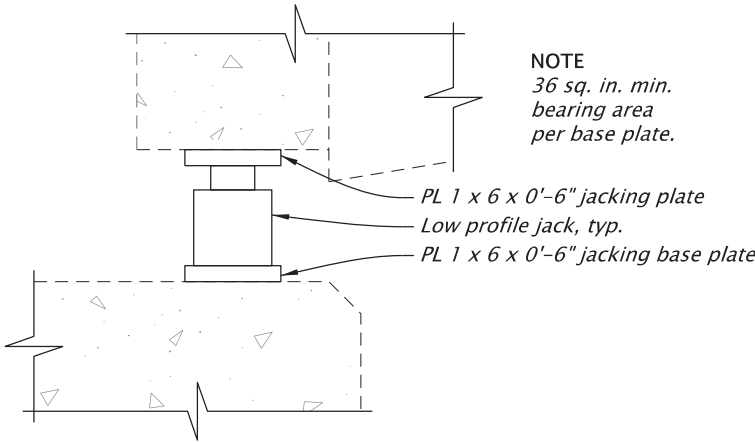


ELEVATION – EXPANSION END
Scale: 1/4"=1'-0"



SECTION C-C
Scale: 1"=1'-0"

KEY
Removal



SECTION D-D
Scale: 1"=1'-0"

NOTE
36 sq. in. min.
bearing area
per base plate.

IF THIS MEASURES
1 INCH
THEN DRAWING IS TO SCALE

- CONCEPTUAL FALSEWORK AND JACKING SEQUENCE
1. Provide one lane two-way traffic lane at roadway center.
 2. Construct temporary work access for bearing work.
 3. Install jacking system and gradually and simultaneously increase jacking pressure to obtain approximately 3/4" lift-off. Mechanically lock-out the jacks.
 4. Remove existing bearings and plates.
 5. Clean and prepare surfaces for new grout pads. Place new masonry and sole plates in grout and allow grout to cure to a compressive strength of 3.0 ksi.
 6. Place new elastomeric bearing pads, see details on sheet J06.
 7. Transfer load from jacks to bearing pads when ambient temperature is 50°–60°F.

- JACKING NOTES
1. Do not perform jacking under live load.
 2. Jacks and jacking supports shall be straight, plumb, and placed at locations of sound concrete.
 3. Provide hydraulic jack with mechanical locking capability to provide redundant temporary support during the entire jacking operation.
 4. If new elastomeric bearing pad experiences shear deformation greater than 1/2" after load is transferred to the new bearings and within the specified jacking temperature range, jack and reset bearings.
 5. ENERPAC Low Profile Lock Nut Hydraulic Ram:
60-ton Nominal Capacity jacks shown for information use only.

	Unfactored Dead Load	Unfactored Live Load	Factored Dead Load	Strength II
Bent	(kips/bearing)	(kips/bearing)	1.5 × (DC & DW) (kips/bearing)	(kips/bearing)
3 (Fuller)	18.5	69	28	116
3 (Ojalla)	22.0	73	33	125

Keep construction live load below the live load shown in the table.

Factored live load values in the table above include 25% dynamic load allowance.

Live load values in the table above reflect one loaded lane of permit vehicle at bridge centerline.

STRUCTURES:
00852A Siletz R_Hwy181_MP 20.66 (Ojalla)
00851A Siletz R_Hwy181_MP 23.10 (Fuller)

See sheet J01 for Accompanied By Drawings and Informational Drawings.

STRUCTURE NO. SEE ABOVE
BDS DWG NO. 114310
CALC. BOOK 7928
HWY: 181 M.P.: VARIES
COUNTY Lincoln
DATE June 2026

REGISTERED PROFESSIONAL
ENGINEER
65714PE
Digitally Signed 2026.07.09
16:29:40-07'00'

OREGON
MAY 10, 2005
STEPHEN T. BURGESS

RENEW: 12-31-2027

OREGON DEPARTMENT
OF TRANSPORTATION

SEE ABOVE

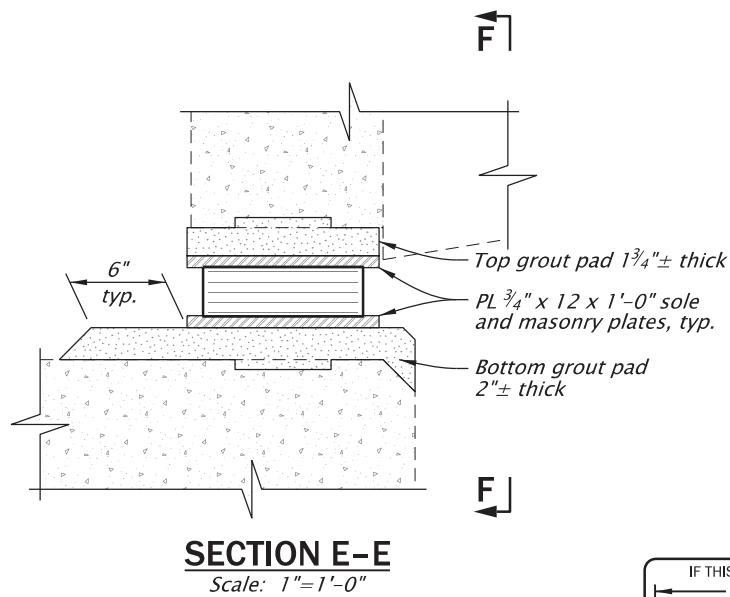
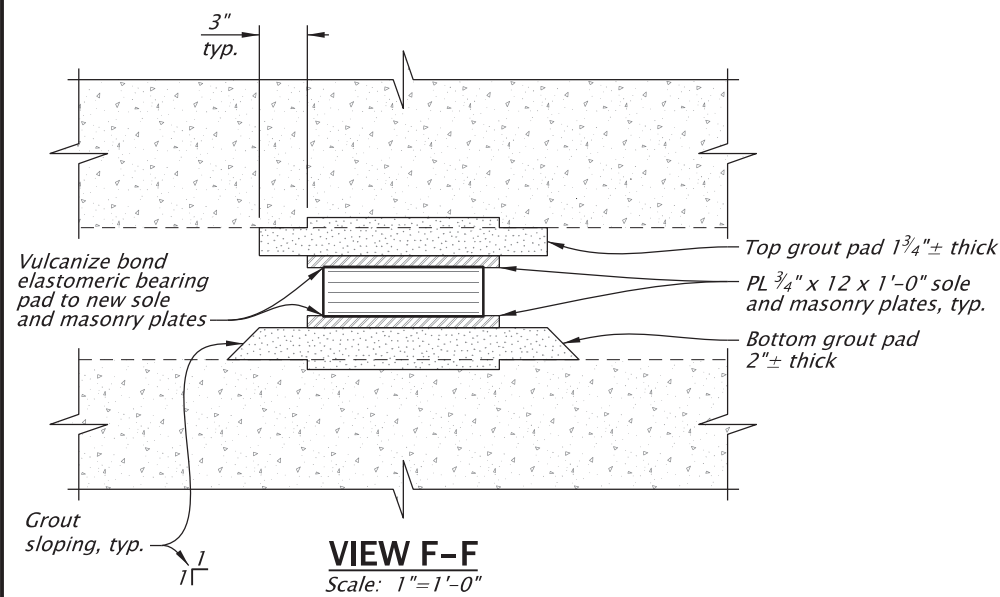
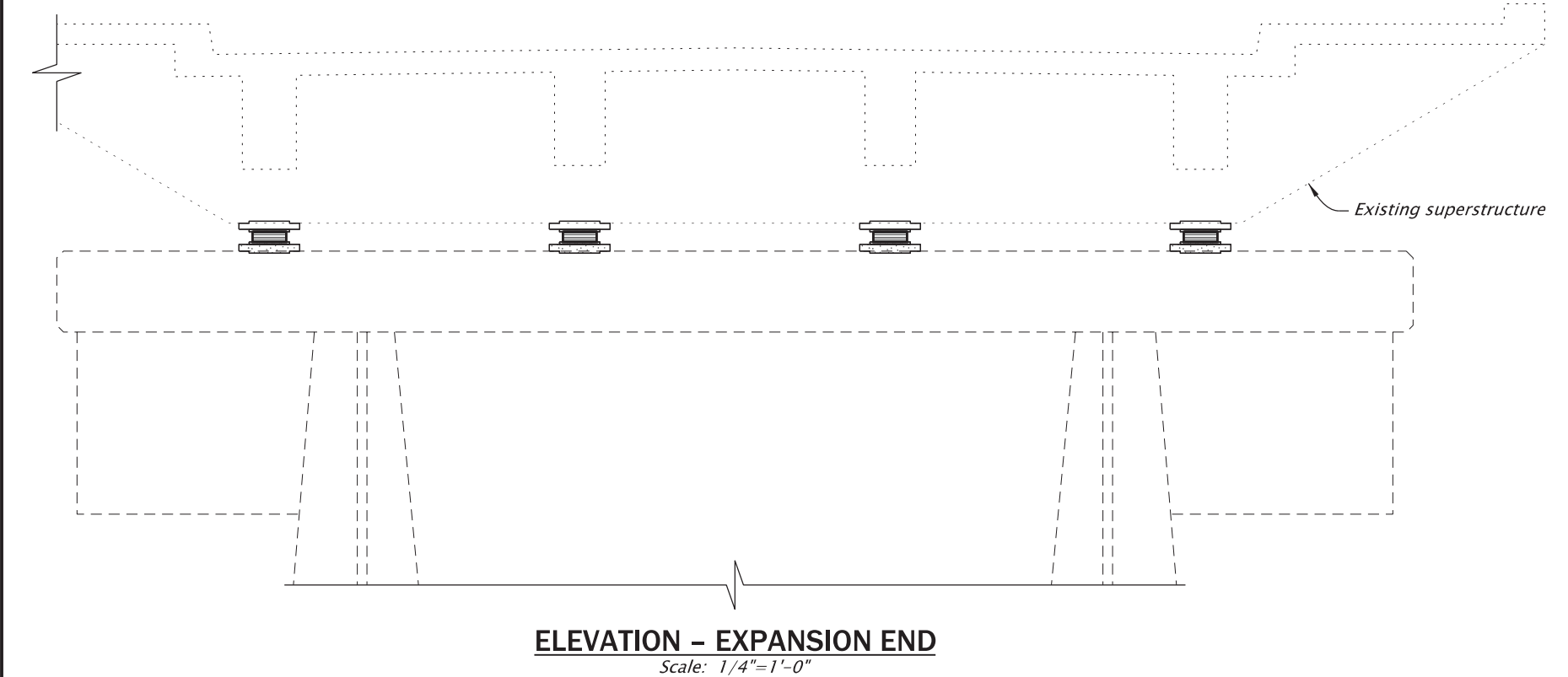
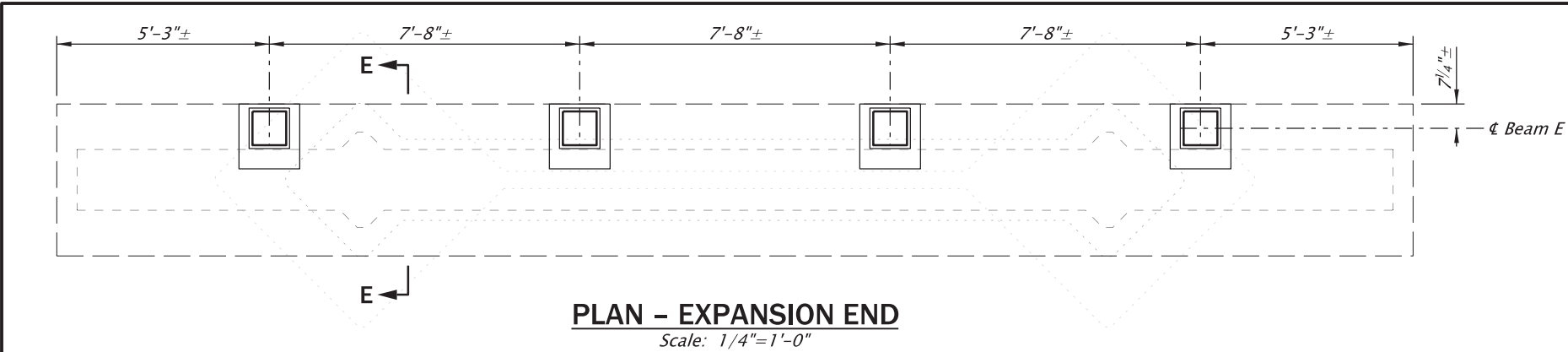
OR229: FULLER & OJALLA (SILETZ RIVER)
BRIDGES PROJECT
SILETZ HIGHWAY
LINCOLN COUNTY

Designer: Jaime Sanchez-Lopez, EIT
Reviewer: Stephen Burgess, PE

Drafter: J. Tillman
Checker: Orren Jennings, PE

RCDG BEARINGS JACKING AND REMOVAL

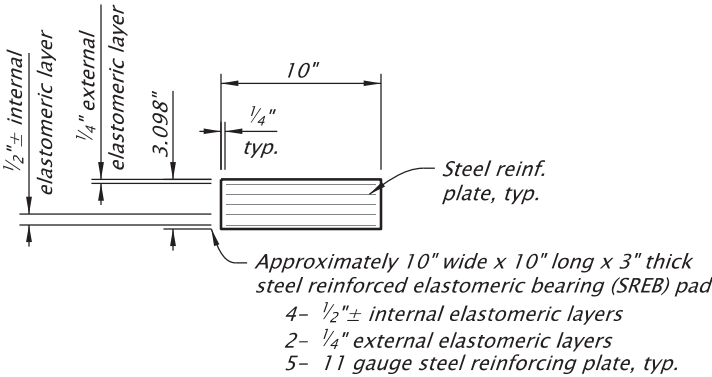
SHEET NO.
J05



IF THIS MEASURES
1 INCH
THEN DRAWING IS TO SCALE

BEARING SCHEDULE														
Bent	Number required	Type	Design Load Capacity in Kips Per Bearing			Initial Offset	Calculated Movements			Movement per 10°F Temp. Change	Minimum Movement Capacity From Initial Position			Bearing Testing Table
			Vertical	Lateral	Longitudinal		20°F Temp. Rise	30°F Temp. Fall	Creep, Shrinkage, & Elastic Shortening		Temp. Rise Direction	Temp. Fall Direction	Total	Factored Test Loads 1.5 × (DL+LL) (kips)
3 (Fuller)	4	Guided	65.0	—	—	0"	1/16"	1/8"	—	1/32"	1/8"	1/8"	3/16"	97.5
3 (Ojalla)	4	Guided	69.5	—	—	0"	1/16"	1/8"	—	1/32"	1/8"	1/8"	3/16"	104.5

NOTES:
Temperature range for bearing placement 50°F–60°F.
Initial offset is in reference to the center of the existing sole plate.
Unfactored vertical dead load is 18.5 kips/bearing (Fuller) and 22.0 kips/bearing (Ojalla).
Unfactored vertical live load is 46.5 kips/bearing (Fuller) and 47.5 kips/bearing (Ojalla).
Live load values in the table and note above reflect two loaded lanes of service live load.



ELASTOMERIC BEARING PAD
Scale: 1"=1'-0"

STRUCTURES:
00852A Siletz R_Hwy181_MP 20.66 (Ojalla)
00851A Siletz R_Hwy181_MP 23.10 (Fuller)
See sheet J01 for Accompanied By Drawings and Informational Drawings.

STRUCTURE NO. SEE ABOVE		OREGON DEPARTMENT OF TRANSPORTATION	SEE ABOVE	OR229: FULLER & OJALLA (SILETZ RIVER) BRIDGES PROJECT SILETZ HIGHWAY LINCOLN COUNTY	Designer: Jaime Sanchez-Lopez, EIT Reviewer: Stephen Burgess, PE Drafter: J. Tillman Checker: Orren Jennings, PE	SHEET NO. J06
BDS DWG NO. 114311						
CALC. BOOK 7928		RENEWES: 12-31-2027	RCDG BEARINGS REPLACEMENT			
HWY: 181 M.P.: VARIES						
COUNTY Lincoln						
DATE June 2026						

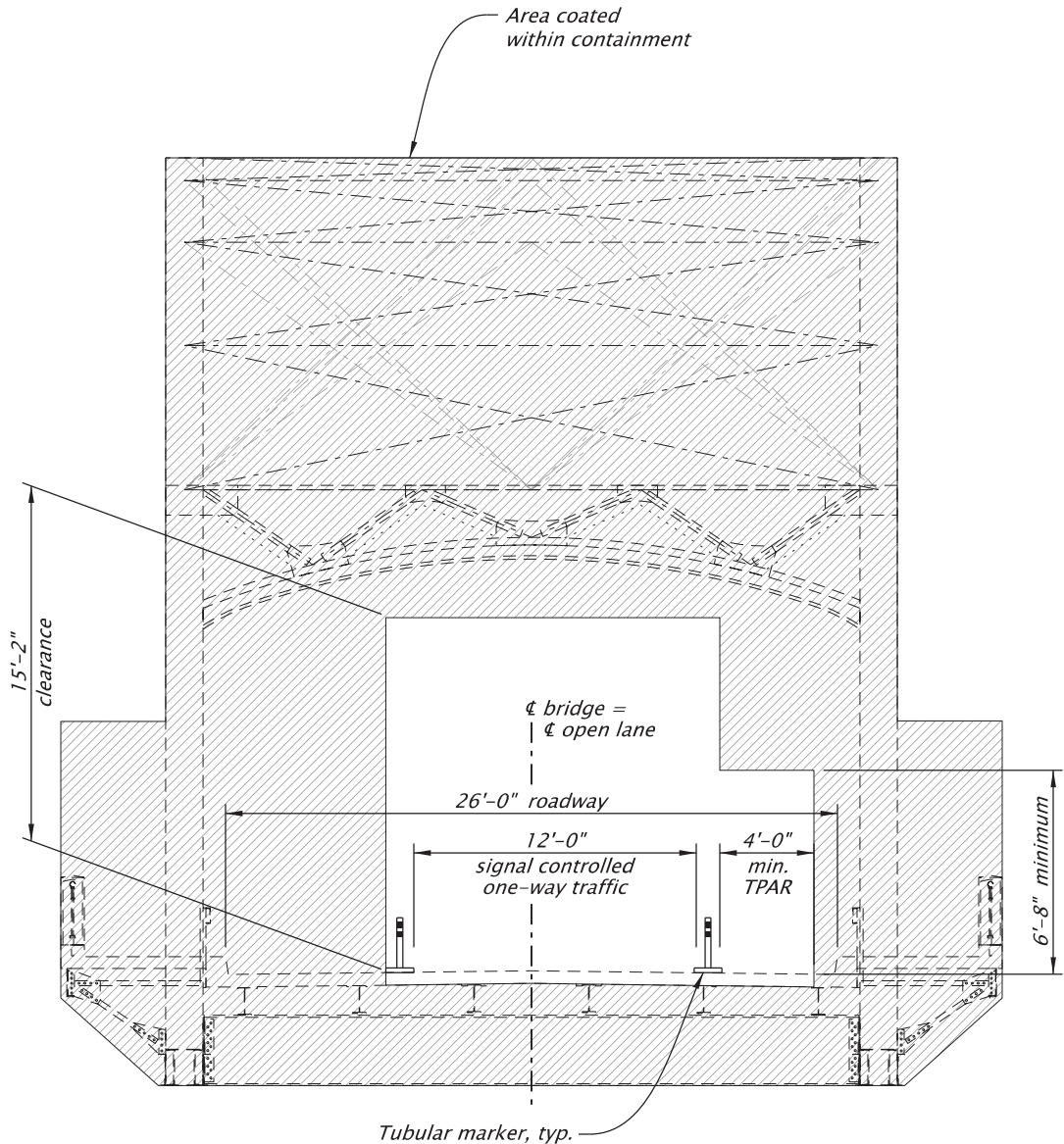
EXISTING STRUCTURE PREPARATION

Existing structure shall be thoroughly inspected by Contractor at all points of contact with temporary framing.

Inspections shall be in accordance with the Special Provisions.

Rivet removal and replacement shall be performed in accordance with the Special Provisions.

Surface preparation and coating requirements for existing structure shall be in accordance with the Special Provisions.



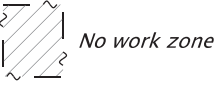
STAGING

Scale: 1/8" = 1'-0"

STRUCTURES:
00852A Siletz R_Hwy181_MP 20.66 (Ojalla)
00851A Siletz R_Hwy181_MP 23.10 (Fuller)

See sheet J01 for Accompanied By Drawings and Informational Drawings.

STRUCTURE NO. SEE ABOVE	REGISTERED PROFESSIONAL ENGINEER 65714PE Digitally Signed 2026.07.09 16:30:40-07'00' OREGON MAY 10, 2005 STEPHEN T. BURGESS RENEWES: 12-31-2027	OREGON DEPARTMENT OF TRANSPORTATION	
BDS DWG NO. 114312		SEE ABOVE	
CALC. BOOK 7928		OR229: FULLER & OJALLA (SILETZ RIVER) BRIDGES PROJECT SILETZ HIGHWAY LINCOLN COUNTY	
HWY: 181 M.P.: VARIES		Designer: Jaime Sanchez-Lopez, EIT	Reviewer: Stephen Burgess, PE
COUNTY Lincoln		Drafter: J. Tillman	Checker: Orren Jennings, PE
DATE June 2026	STAGING		SHEET NO. J07



Jack Morgan Park
Siletz Highway
S 02°43'00" E
Fuller Bridge & Siletz

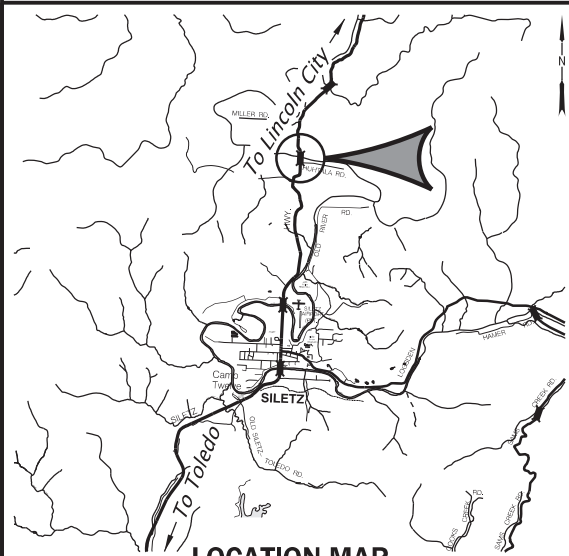
NOTES:
Bents are numbered in the direction of increasing project stations and may not correspond with previous project plans (BIR=Bridge Inspection Report).

Elevations shown are converted to North American Vertical Datum 1988 (NAVD88) from National Geodetic Vertical Datum 1929 (NGVD29) on existing plans.

Elevations shown are at centerline structure.

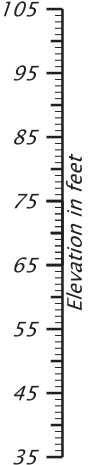
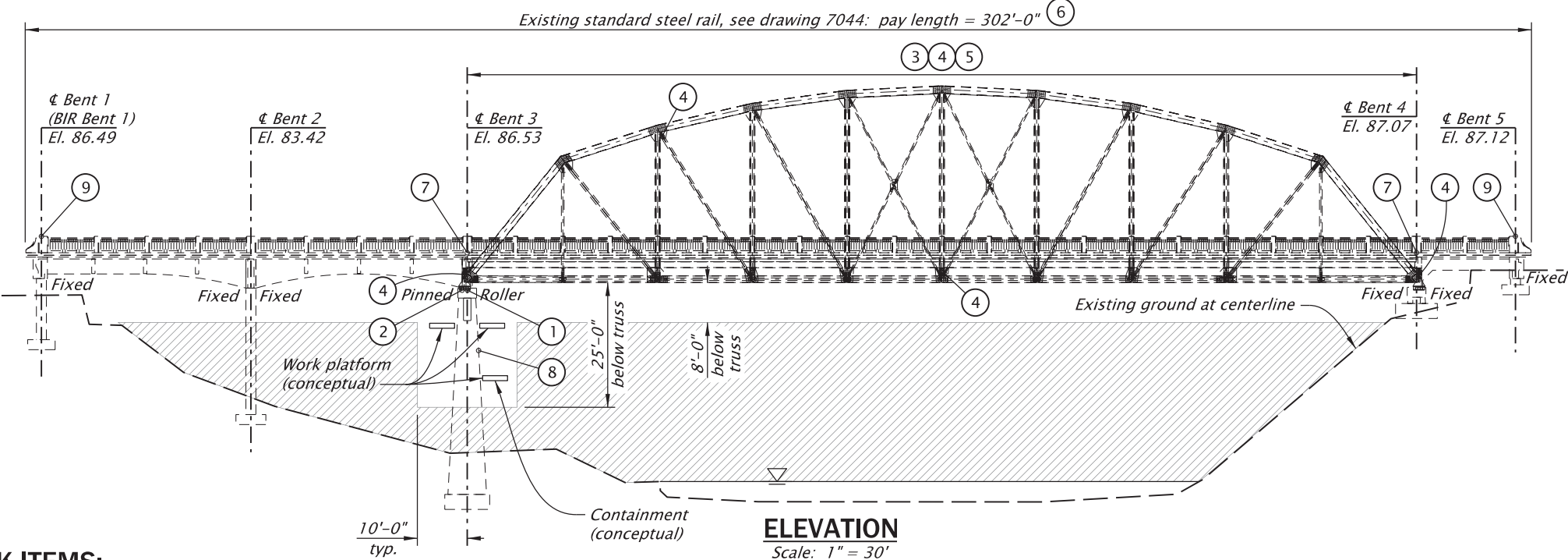
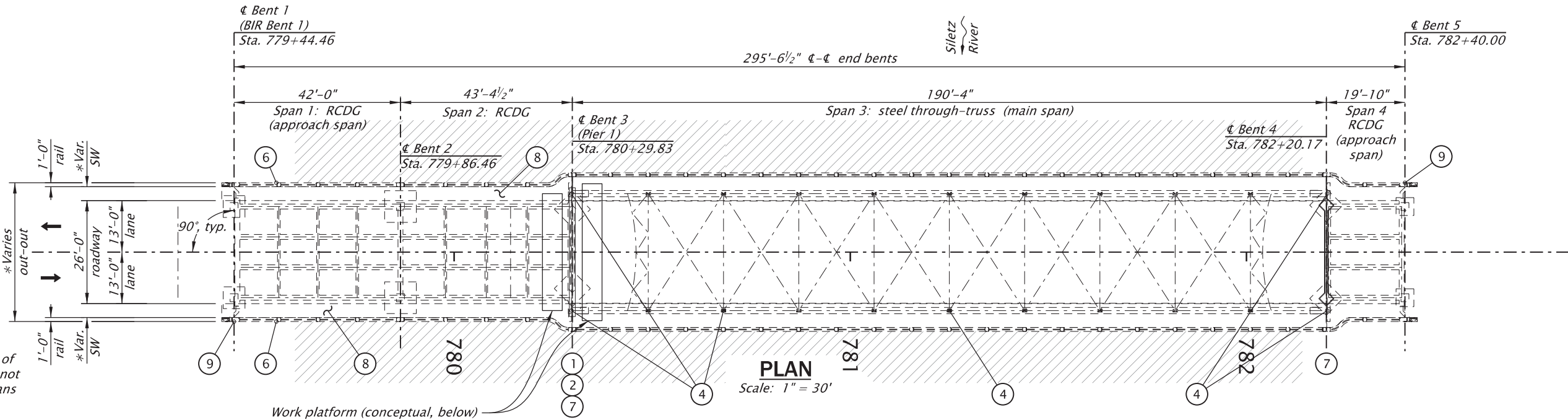
BRIDGE ID MARKER	
Phone Number (Agency Dispatch Center)	503-362-0457
US or OR Route Number	229
State Highway Number	181
Milepoint Number	20.66
Bridge Number	00852A
Name of Structure	Ojalla Bridge

See drawing BR195 for details.



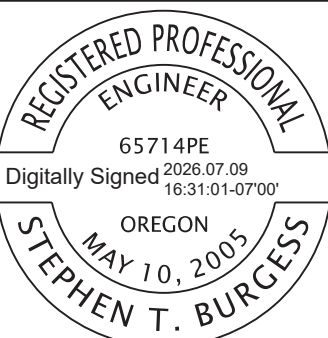
LOCATION MAP

Township 9S, Range 10W, Section 28, W.M.
Latitude, longitude: 44.76423°N, 123.91454°W



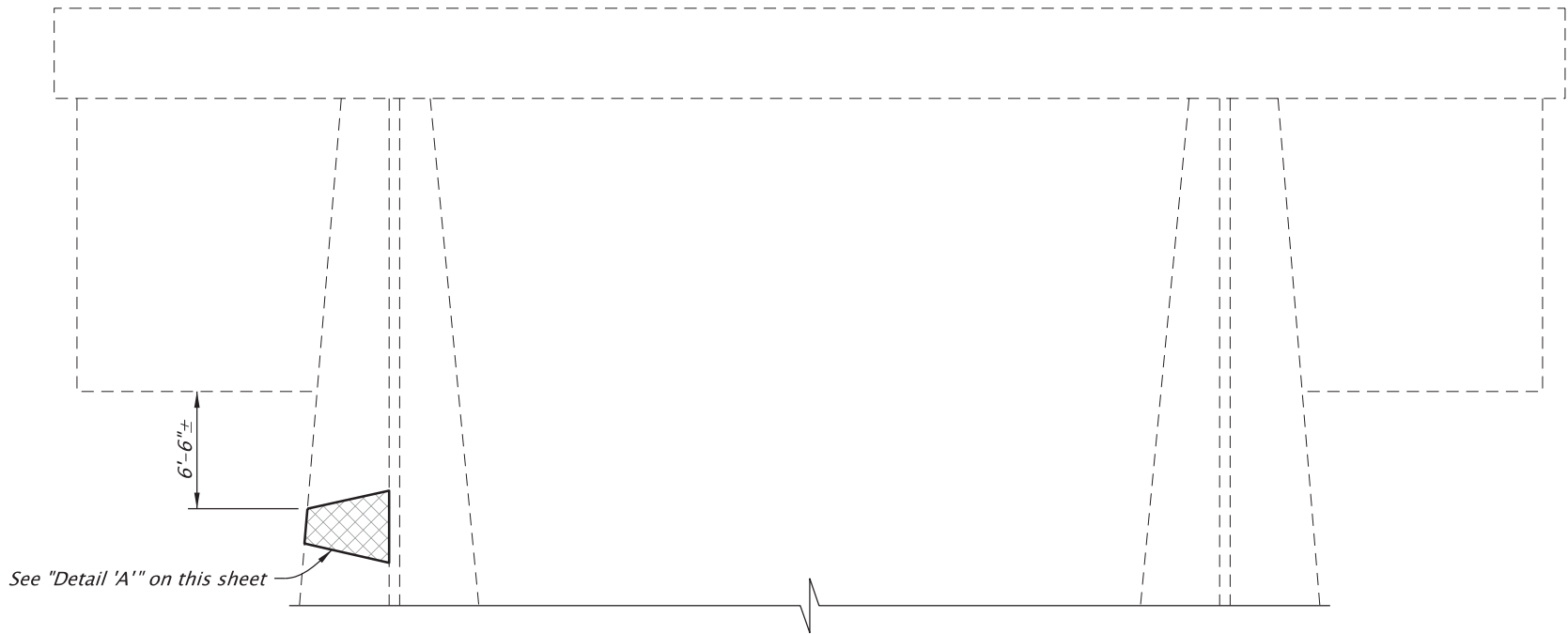
- WORK ITEMS:**
- 1 Remove existing truss bearings and install elastomeric bearings with bearing guide assemblies, see sheets J01-J04 for details.
 - 2 Remove existing RCDG bearings and replace with elastomeric bearings. See sheets J05 and J06 for details.
 - 3 Perform rivet and bolt replacement.
 - 4 Perform pack rust removal.
 - 5 Prepare and perform maintenance coating on all steel within truss span, as specified.
 - 6 Prepare and perform maintenance coating on steel elements of pedestrian rail on Spans 1 through 4.
 - 7 Remove and replace Poured Joint Seal at Bents 3 and 4. See drawing BR140 for details.
 - 8 Perform Concrete and Reinforcing Bar Repairs. See sheet JA02 and drawings BR500 and BR505 for details.
 - 9 Remove existing and install new bridge ID markers. See this sheet and drawing BR195 for details.

STRUCTURE NO.	00852A
BDS DWG NO.	114313
CALC. BOOK	7928
HWY: 181	
M.P.: 20.66	
COUNTY	Lincoln
DATE	June 2026

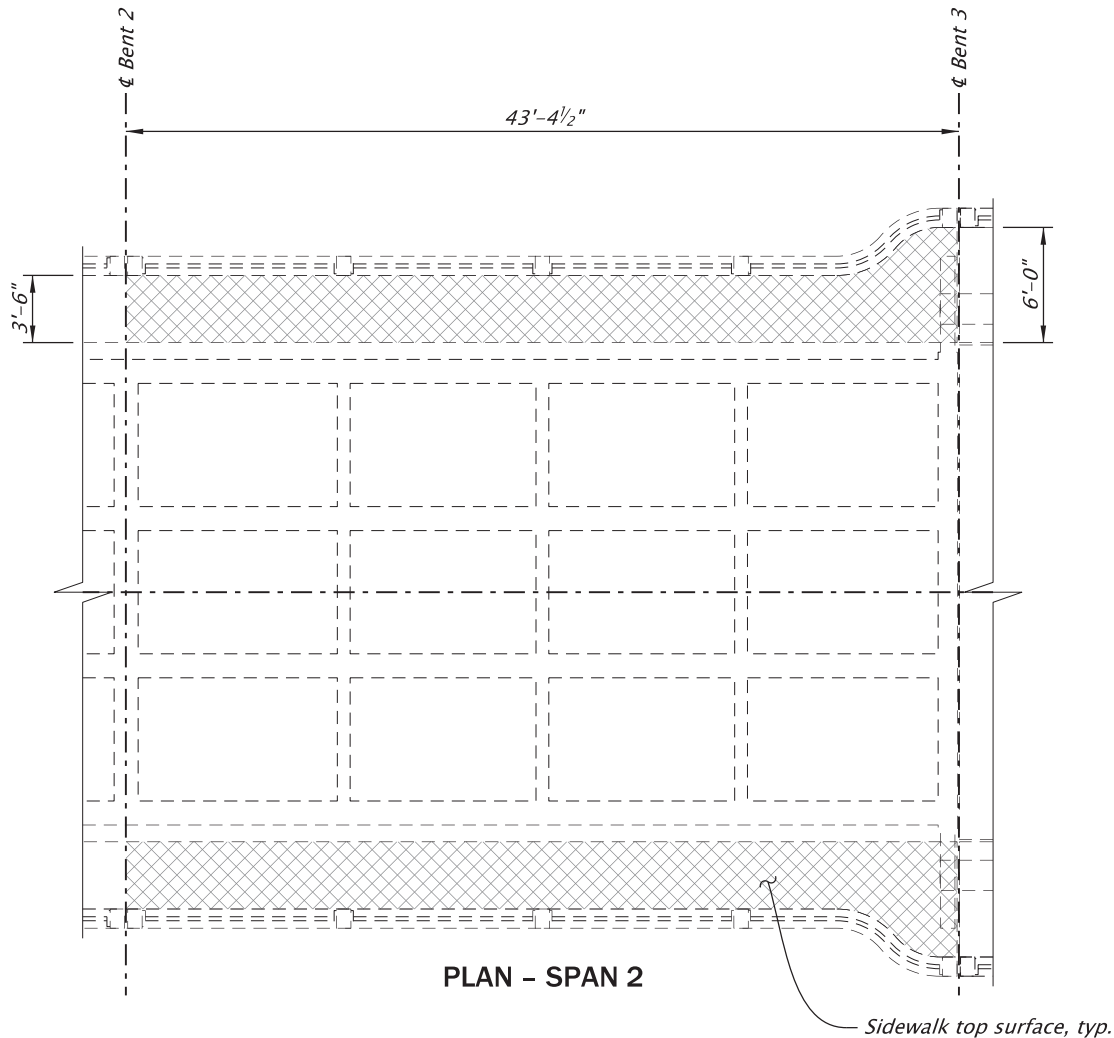


RENEWS: 12-31-2027

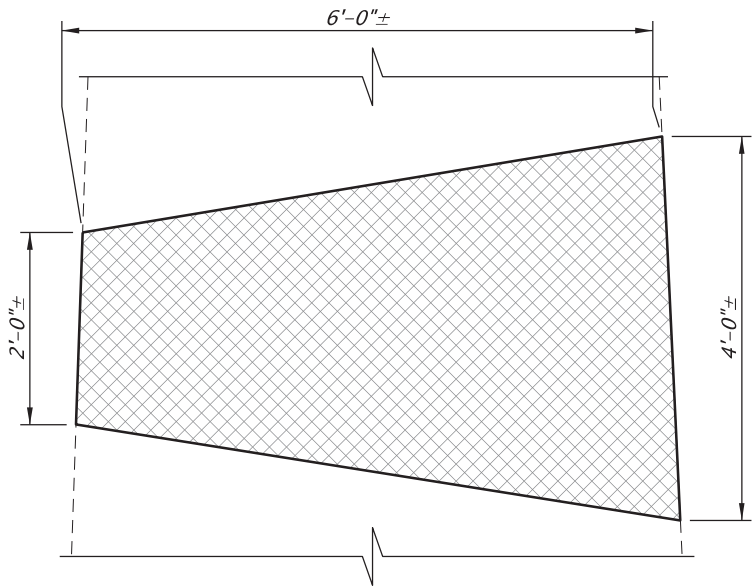
OREGON DEPARTMENT OF TRANSPORTATION	
Siletz R_Hwy181_MP 20.66 (Ojalla)	
OR229: FULLER & OJALLA (SILETZ RIVER) BRIDGES PROJECT SILETZ HIGHWAY LINCOLN COUNTY	
Designer: Jaime Sanchez-Lopez, EIT	Reviewer: Stephen Burgess, PE
Drafter: J. Tillman	Checker: Orren Jennings, PE
PLAN AND ELEVATION	
SHEET NO. JA01	



ELEVATION – BENT 3
(LOOKING BACK ON STATION)



PLAN – SPAN 2



DETAIL 'A'
Scale: 1/2"=1'-0"

CONCRETE REPAIR PAY LIMITS

Scale: 1"=10'

KEY



Concrete repair

NOTES:

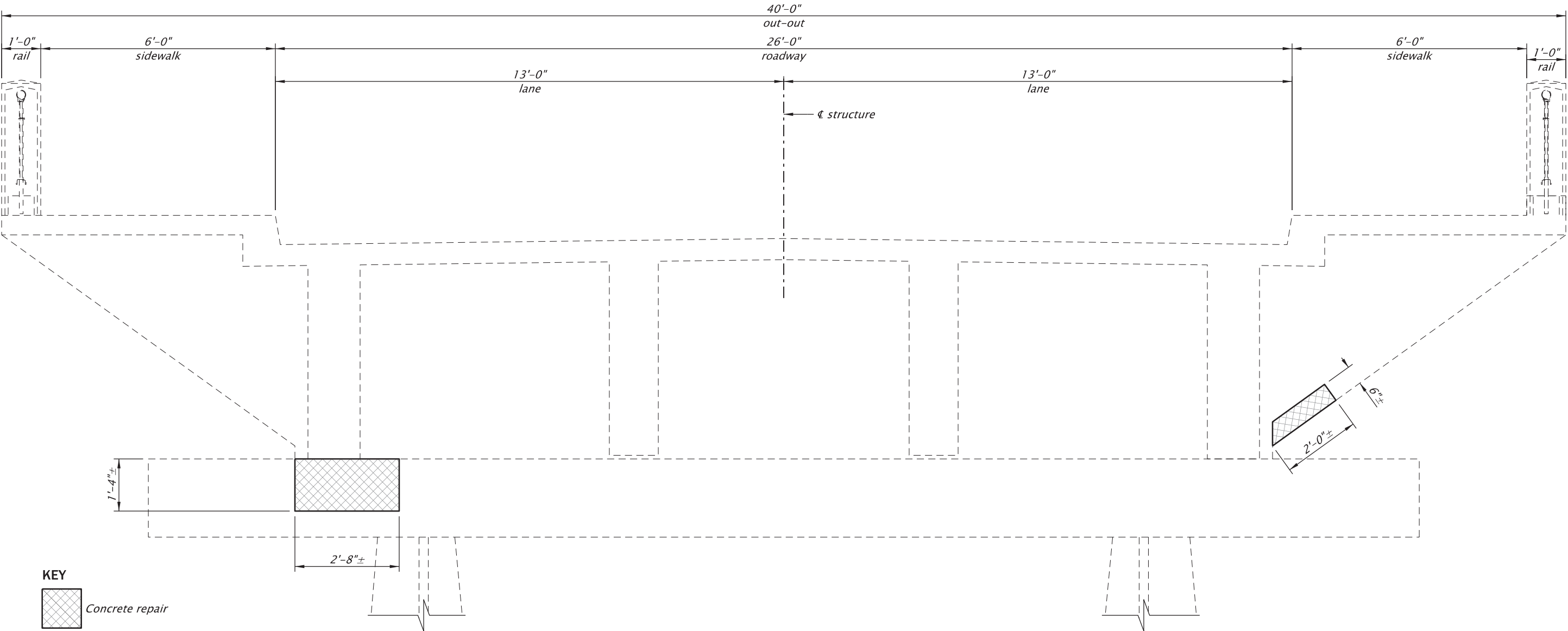
Repair around corners of column, as required.

For concrete repair details, see drawing BR500.

For reinforcing bar repair details, see drawing BR505.

See sheet JA01 for Accompanied By Drawings and Informational Drawings.

STRUCTURE NO. 00852A		OREGON DEPARTMENT OF TRANSPORTATION	
BDS DWG NO. 114314		Siletz_R_Hwy181_MP 20.66 (Ojalla)	
CALC. BOOK 7928		OR229: FULLER & OJALLA (SILETZ RIVER) BRIDGES PROJECT SILETZ HIGHWAY LINCOLN COUNTY	
HWY: 181 M.P.: 20.66		Designer: Jaime Sanchez-Lopez, EIT	Reviewer: Stephen Burgess, PE
COUNTY Lincoln		Drafter: J. Tillman	Checker: Orren Jennings, PE
DATE June 2026	RENEWES: 12-31-2027	CONCRETE REPAIRS (OJALLA)	SHEET NO. JA02



CONCRETE REPAIR PAY LIMITS - BENT 2
(LOOKING AHEAD ON STATION)

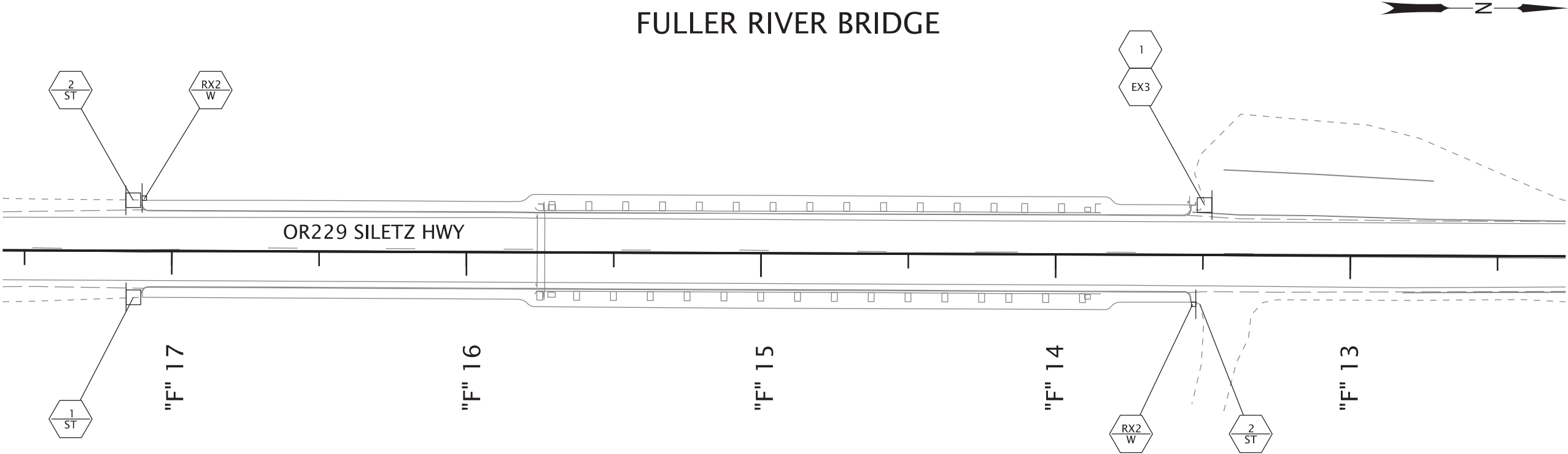
Scale: $\frac{3}{8}" = 1'-0"$

- NOTES:**
- Repair around corners of sidewalk bracket, as required.
 - For concrete repair details, see drawing BR500.
 - For reinforcing bar repair details, see drawing BR505.

See sheet JB01 for Accompanied By Drawings and Informational Drawings.

STRUCTURE NO. 00851A		OREGON DEPARTMENT OF TRANSPORTATION	
BDS DWG NO. 114316			
CALC. BOOK 7928		Siletz R_Hwy181_MP 23.10 (Fuller)	
HWY: 181 M.P.: 23.10		OR229: FULLER & OJALLA (SILETZ RIVER) BRIDGES PROJECT SILETZ HIGHWAY LINCOLN COUNTY	
COUNTY Lincoln		Designer: Jaime Sanchez-Lopez, EIT	Reviewer: Stephen Burgess, PE
DATE June 2026	Drafter: J. Tillman	Checker: Orren Jennings, PE	
RENEW: 12-31-2027		CONCRETE REPAIRS (FULLER)	SHEET NO. JB02

FULLER RIVER BRIDGE



LEGEND

- Install new sign (N)
- Install new sign (N) on new (M) sign support
- Remove existing sign (N) and (M) sign support
- Maintain and protect existing sign (N) and support

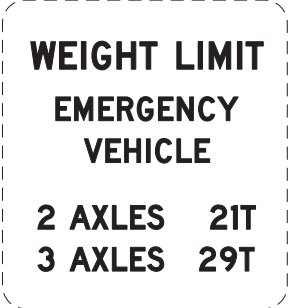
N = Sign Number
M = Material
Material options:
W = Wood Sign Post
MP = Milepost Marker Post
ST = Perforated Steel Square Tube Sign Support



Sign #1
OM-3R



Sign #2
OM-3L



Sign No. 3

NOTE:
Existing signs not shown are to remain in place unless otherwise directed by the Engineer.

NOTE:
The locations of sign installations shown are approx. with exact locations to be determined in the field.

NOTE:
Signs shown with broken borders are existing signs.

ACCOMPANIED BY DWGS.:
TM200, TM676, TM681, TM687

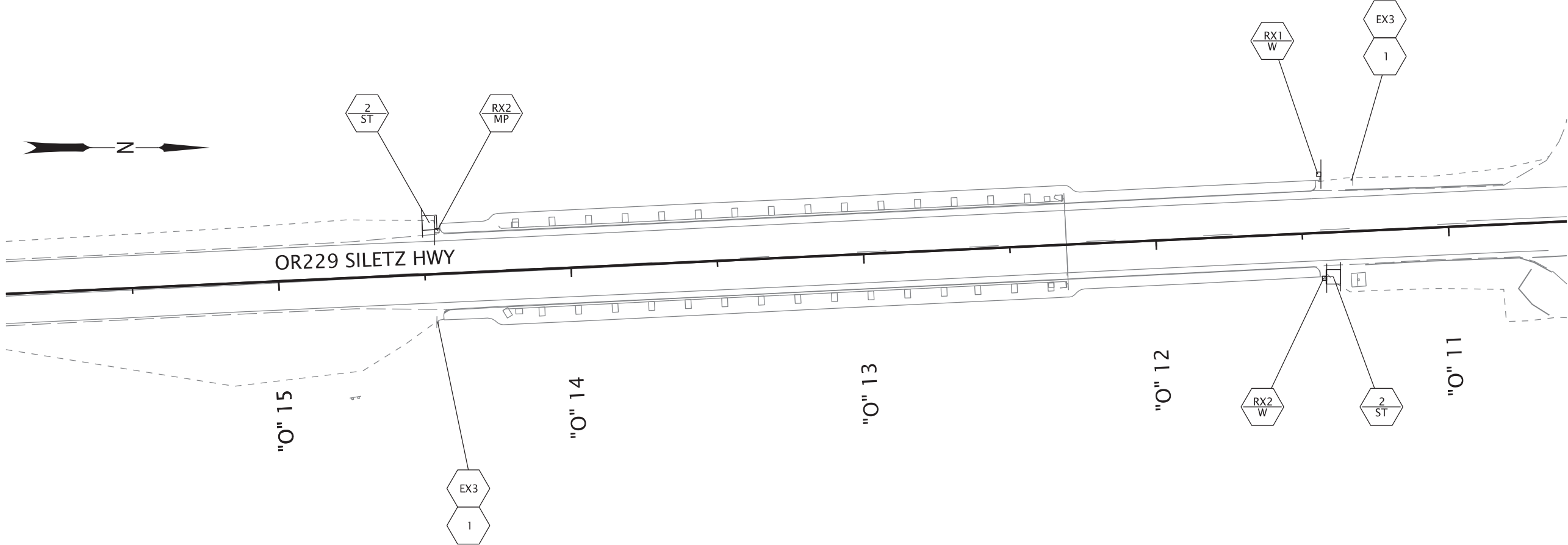
HWY: 181 M.P.: 20.66 - 23.10
UNIT FILE CODE S-23579
DFI/TSSU NO. N/A

REGISTERED PROFESSIONAL
ENGINEER
102078
Digitally Signed 2026.07.09 14:30:07 -07'00'
OREGON
JULY 11, 2023
JOHN CHARLES HAMPTON

RENEWES: 06-30-2027

OREGON DEPARTMENT OF TRANSPORTATION	
OR229: FULLER & OJALLA (SILETZ RIVER) BRIDGES PROJECT SILETZ HIGHWAY LINCOLN COUNTY	
Designer: John Hampton Drafter: John Hampton	Reviewer: Vanessa Cid Checker: Christina LaFleur
SIGN PLAN & DETAILS	SHEET NO. LA01

OJALLA BRIDGE



NOTE:
Existing signs not shown are to remain in place unless otherwise directed by the Engineer.

NOTE:
The locations of sign installations shown are approx. with exact locations to be determined in the field.

NOTE:
See Sheet LA01 for legend.

HWY: 181
M.P.: 20.66 - 23.10
UNIT FILE CODE
S-23580
DFI/TSSU NO.
N/A



RENEWES: 06-30-2027

FINAL ELECTRONIC DOCUMENT
AVAILABLE UPON REQUEST

OREGON DEPARTMENT
OF TRANSPORTATION



OR229: FULLER & OJALLA (SILETZ RIVER)
BRIDGES PROJECT
SILETZ HIGHWAY
LINCOLN COUNTY

Designer: John Hampton Reviewer: Vanessa Cid
Drafter: John Hampton Checker: Christina LaFleur

SIGN PLAN

SHEET NO.
LA02

[illegible]

1/
BK=BLACK
BL=BLUE
BR=BROWN
FY=FLUORESCENT YELLOW
G=GREEN
O=ORANGE
P=PURPLE
R=RED
RB=RED-BLUE
W=WHITE
Y=YELLOW
YG=FLUORESCENT YELLOW-GREEN

2/
NOTE: L,C,R ARE LOCATIONS
OF POSTS FACING THE SIGN.

L = LEFT POST
C = CENTER POST
R = RIGHT POST

3/
DISTANCE FROM EDGE OF TRAVEL LANE,
FACE OF CURB, GUARDRAIL, OR BARRIER
TO THE CENTERLINE OF FOOTING. FOR
ADDITIONAL INFORMATION SEE STANDARD
DRAWINGS TM600, TM602, AND TM635

4/
NOTE: THE LOCATIONS SHOWN ARE APPROXIMATE
EXCEPT FOR SPEED ZONES, SCHOOL ZONES, OBJECT
MARKERS AND MILEPOST MARKERS. EXACT LOCATIONS
ARE TO BE DETERMINED BY THE ENGINEER

5/
MINIMUM DEPTH OF FOOTING FOR TRIANGULAR
BASE BREAKAWAY AND MULTI-POST BREAKAWAY
INSTALLATIONS IS FOR A 2' DIAMETER FOOTING.
FOR ADDITIONAL INFORMATION SEE STANDARD
DRAWINGS TM601 AND TM602.

5/
MINIMUM DEPTH OF FOOTING FOR TRIANGULAR
BASE BREAKAWAY AND MULTI-POST BREAKAWAY
INSTALLATIONS IS FOR A 2' DIAMETER FOOTING.
FOR ADDITIONAL INFORMATION SEE STANDARD
DRAWINGS TM601 AND TM602.

HWY: 181
M.P.: 20.66 - 23.10
UNIT FILE CODE S-23581
DFI/TSSU NO. N/A



RENEWS: 06-30-2027

FINAL ELECTRONIC DOCUMENT
AVAILABLE UPON REQUEST

OREGON DEPARTMENT OF TRANSPORTATION		
OR229: FULLER & OJALLA (SILETZ RIVER) BRIDGES PROJECT SILETZ HIGHWAY LINCOLN COUNTY		
Designer: John Hampton Drafter: John Hampton	Reviewer: Vanessa Gid Checker: Christina LaFleur	
SIGN & POST DATA TABLE		SHEET NO. LC01