Appendix H. Bridge Plan, Elevation, and Typical Sections
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DEVELOPED VIEW D-D
Scale: 1"=40'

LEGEND
- Bridge widening
- Deck and/or Rail Removal

Note:
Elevations shown are based on North American Vertical Datum (1988).

See She. JB03 for Estimated Preliminary Foundation Data.

Scale: 1"=40'

Note:
Existing rail and deck overhang to be removed
Existing light to be relocated
Replace double strip seals of existing modular joint
Cut line along € of existing exterior web, typ.
42" tall Type "F" rail
42" tall Type "F" rail

MATERIAL NO.
08958E

ENGINEER NO.
00000

Drawing Date:
10/01/2020

 battingrx 0/000

Basis:
C31 - 2002

Printed:
10/01/2020 8:15:10 AM

Rotation:
308.532°

Scale: 1"=40'
FOUNDATION PLAN - PIER 8 - PIER 11
Scale 1" = 30'

ESTIMATED PRELIMINARY FOUNDATION DATA

<table>
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<tr>
<th>Pier</th>
<th>Foundation Type</th>
<th>Element Size (dia.)</th>
<th>Number</th>
<th>Pile Cap Bottom Elev. (ft.)</th>
<th>Tip Elev. (ft.)</th>
<th>Average Length (ft.)</th>
<th>Permanent Casing Length (ft.)</th>
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<td>8&quot;</td>
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<td>30.00</td>
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</tr>
</tbody>
</table>

Note: For more information on existing foundations, see existing drawing numbers 25384 and 25391.
BENT 2 PLAN
Scale: 1" = 20'

BENT 2 ELEVATION
Scale: 1" = 10'
SUPERSTRUCTURE NOT SHOWN
Note: Elevation are based on North American Vertical Datum, 1988.

Note: See Sht. JH03 for Estimated Preliminary Foundation Data.

Note: Dimensions in these plans are based on the ODOT survey and as-constructed plans. Copies of the as-constructed plans are available upon request.

Scale: 1"=10'

Scale: 1"=50'

Note: All dimensions shown are in English units unless otherwise noted.

LEGEND:

- Bridge widening

CURVE DATA
1. $R = 3819.72'$
   $L = 474.35'$
   $T = 237.48'$
   $\Delta = 796.55'$
2. $R = 1420.30'$
   $L = 636.63'$
   $T = 334.32'$
   $\Delta = 2079.00'$
3. $R = 992.83'$
   $L = 335.63'$
   $T = 179.75'$
   $\Delta = 2073.128'$

PLAN
Scale: 1"=20'

ELEVATION
Scale: 1"=50'

Note: 5" dia. Column foundation

Note: Dimensions may vary from project to project. Therefore, this drawing is not to scale.
BENT L7 - FRAMING PLAN

Scale: 1" = 10'

- Existing girder 6, typ.
- Proposed girder 6, typ.
- E Column
- Face of exp. MSE wall
- Lines of exp. MSE wall

25'-5/8'

- Remove existing structure as shown, typ.
- Type 9" Concrete wall, 42 inch
- Steel girder, typ.
- E Column
- 6'-8" dia. column

BENT L7 - ELEVATION

Scale: 1" = 10'

- Existing column and crossbeam
- Crossbeam enlargement
- Existing ground
- Existing H2 Lloyd Blnd.
- 3 spa. #8-3" = 16'-9"

E Column

6'-8" dia. column

BENT L7 PLAN AND ELEVATION

Note: Bridge deck omitted from Framing Plan for clarity.

For accompanied by drawings, see ael, JG01

EAST BANFIELD INTERCHANGE

I-5 ROSE QUARTER IMPROVEMENT PROJECT
PACIFIC HIGHWAY
MULTNOMAH COUNTY

BENT L7 PLAN AND ELEVATION

Rotation: 178.4405°  Scale: 1" = 10'
TYPE F CONCRETE RAIL RETROFIT
Scale: 3/16" = 1'-0"

EXTG. rail and post to be removed
44 bars x 1"-8" @ 18" c/crs.
Drilled concrete anchors
5/8" dia. x 1"-3" threaded rods (A360) @ 1'-6" c/crs.

Clean concrete surfaces prior to placing concrete. Apply concrete bonding agent between new and existing concrete.

Protect extg. rebar form painter
5/8" dia. x 3"-4" main bonded anchor rods @ 1'-6" c/crs. Alternate with extg. #4

Type F concrete rail retrofit

NOTE A:
Strengthen the extg. deck overhang to provide additional factored moment capacity of 8.8 kip-ft per panel of deck from the resistance of the CFRP reinforcement. See Special Provision 05/56 for further details and requirements.

INTERIOR DECK OVERHANG STRENGTHENING
No scale

For accompany by drawings, see sheet J01