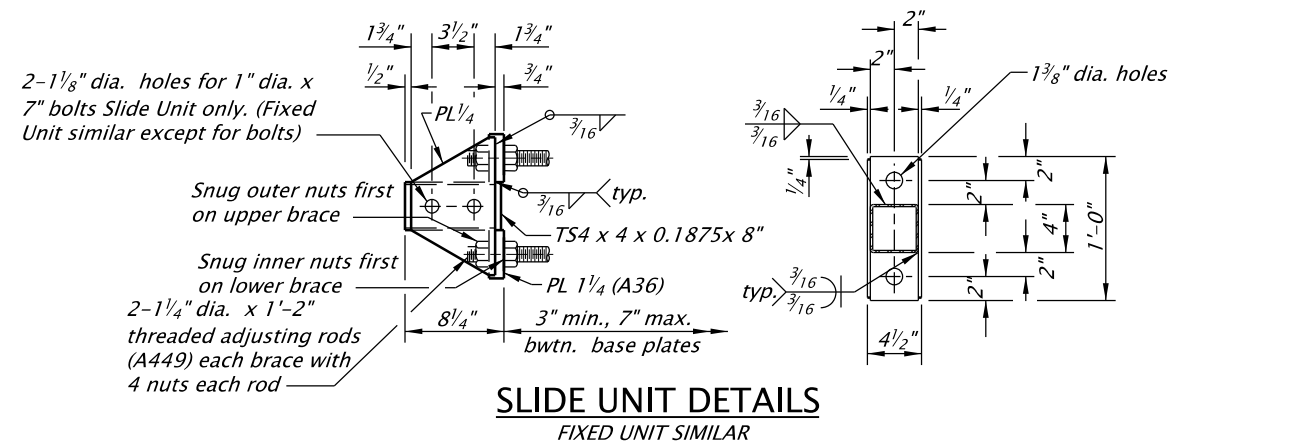
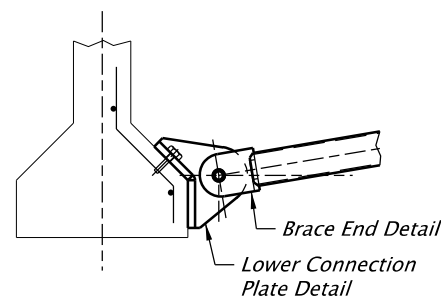
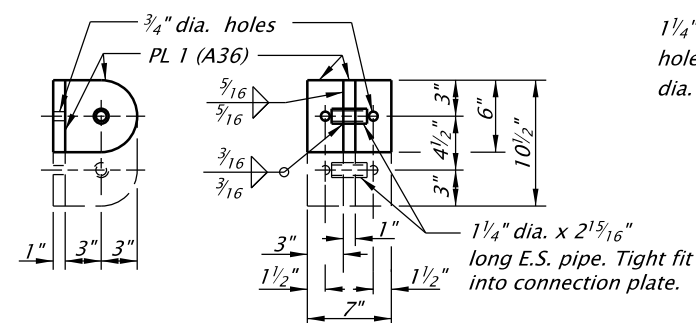




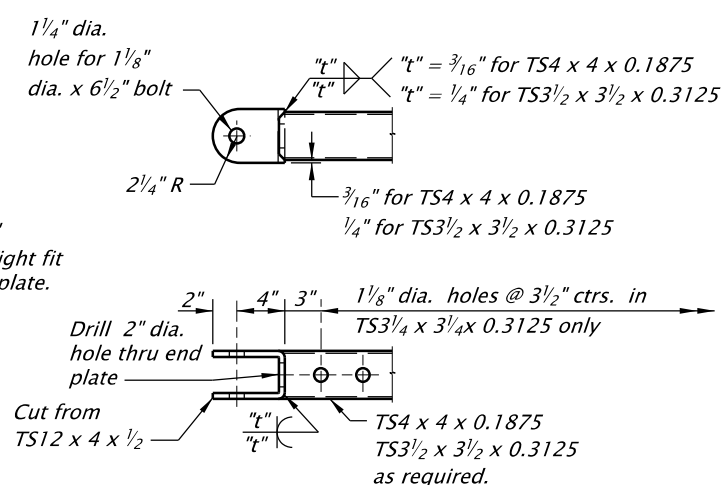
TEMPORARY DIAPHRAGM BEAM
(Bulb-I shown, other girders similar)



LOWER CONNECTION DETAIL TYPE II thru TYPE V GIRDERS



UPPER CONNECTION PLATE DETAIL



BRACE END DETAIL

TEMPORARY DIAPHRAGM BEAM GENERAL NOTES

Install temporary diaphragm beams at exterior girders between end beams and permanent diaphragms prior to pouring permanent diaphragms and end beams. Space temporary diaphragms as needed to resist construction loads but not at more than 25 ft. apart. Assume the deck finishing machine carriage is at the most adverse position when computing construction loads. Remove temporary diaphragms after removing the deck overhang brackets.

Provide pipe conforming to ASTM Specification A53, Grade A or B. Provide structural tubing conforming to ASTM Specification A500, Grade A or B (or ASTM A513 with the strength and elongation characteristics of A500, Grade A or B).

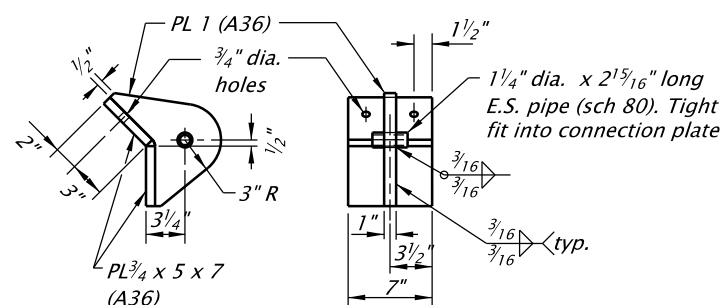
Provide other steel conforming to AASHTO Specification M183 (ASTM A36).

Provide mechanically galvanized high strength bolts conforming to ASTM Specification A325 unless shown otherwise. Provide mechanically galvanized threaded rods conforming to ASTM Specification A449.

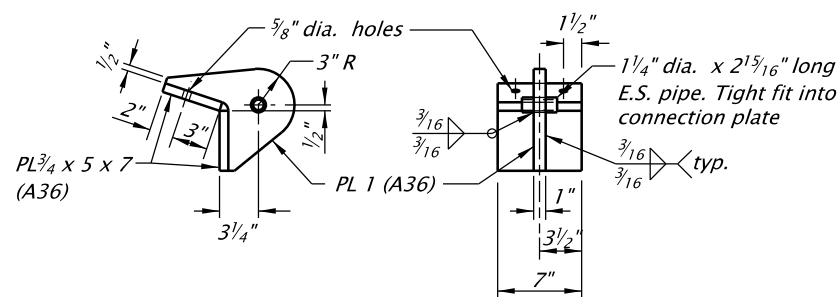
Tighten but do not torque high strength bolts and rods.

Hot-dip Galvanize all structural steel after fabrication.

Approved alternate designs prepared by a registered Professional Engineer may be used for temporary diaphragms.



LOWER CONNECTION PLATE DETAIL TYPE II thru TYPE V GIRDERS



LOWER CONNECTION
PLATE DETAIL
BULB-I and BULB-T GIRDERS

The selection and use of this Standard Drawing, while designed in accordance with generally accepted engineering principles and practices, is the sole responsibility of the user and should not be used without first consulting a Registered Professional Engineer.

All materials shall be in accordance with the current Oregon Standard Specifications.

OREGON STANDARD DRAWINGS
**TEMPORARY DIAPHRAGM
 BEAM FOR PRESTRESSED
 CONCRETE GIRDERS**

2024

DATE		REVISION DESCRIPTION	
-	-		

CALC. BOOK NO. - - - -	N/A - - - -	SDR DATE - 20-APR-2018	BR350
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