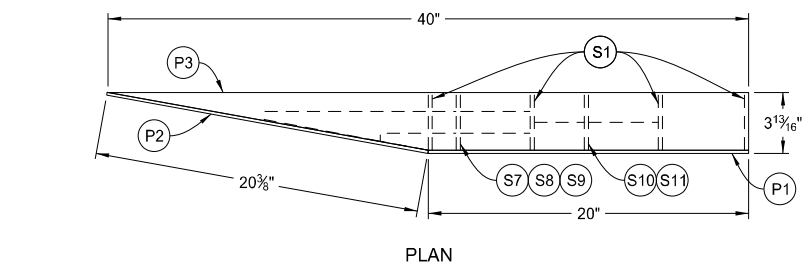
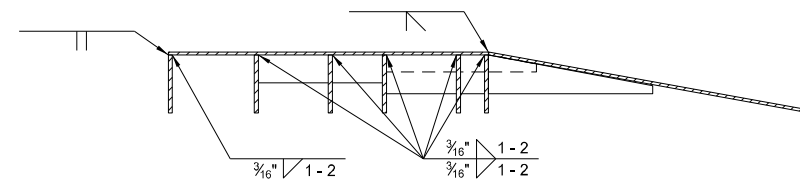


SINGLE SLOPE TO THRIE BEAM CONNECTOR PLATE DETAILS

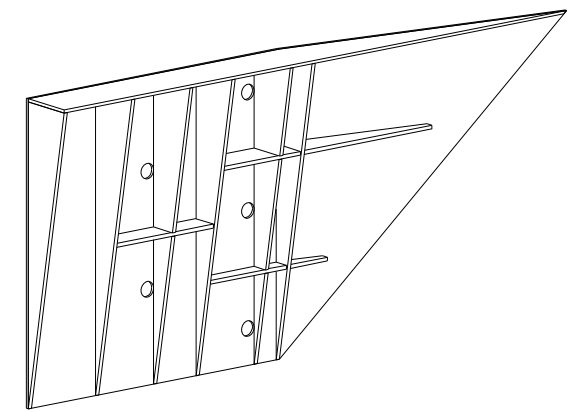


PLAN

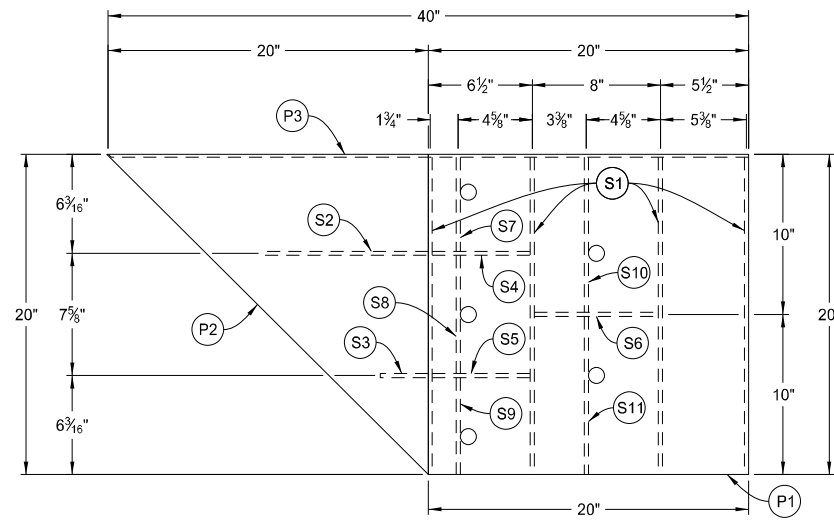
NOTE: Assembly Detail is shown for guardrail installation on right hand side of entrance end of bridge barrier. Mirror for opposite side installation.



SECTION A-A

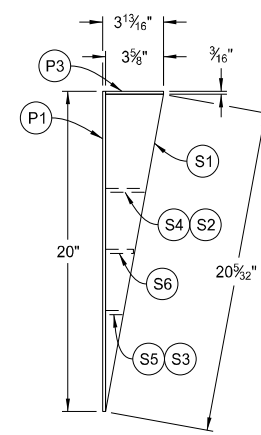


PICTORIAL DRAWING
(Showing Back of Connector Plate)

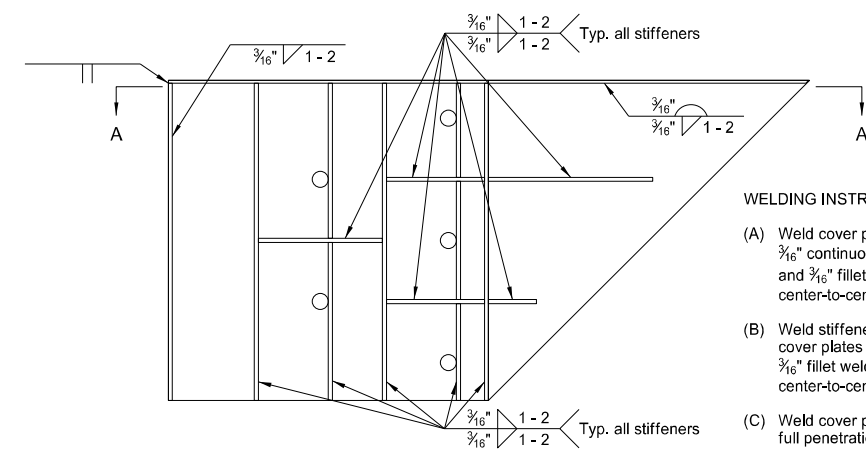


ELEVATION

ASSEMBLY DETAIL
(Front View)



END



ELEVATION

WELDING DETAIL
(Back View)

WELDING INSTRUCTIONS:

- (A) Weld cover plate P3 as follows:
3/16" continuous back weld on exterior sides and 3/16" fillet weld 1" long spaced at 2" center-to-center on interior sides.
- (B) Weld stiffeners located on the inside of the cover plates as follows:
3/16" fillet weld 1" long spaced at 2" center-to-center.
- (C) Weld cover plates P1 and P2 together with full penetration groove weld.

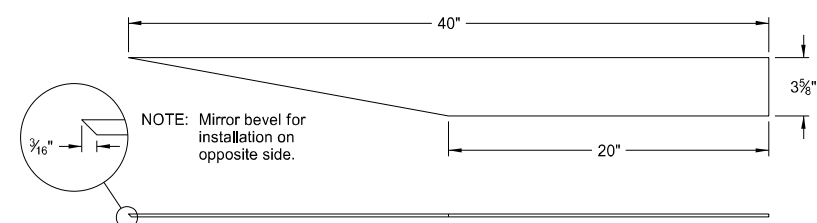


PLATE P3
Quantity: 1

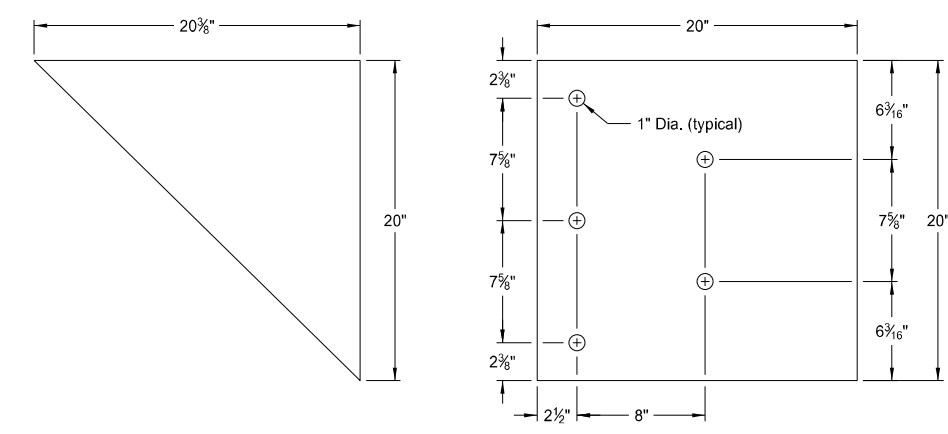
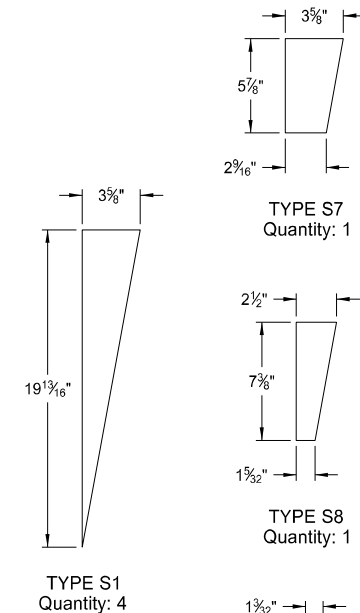


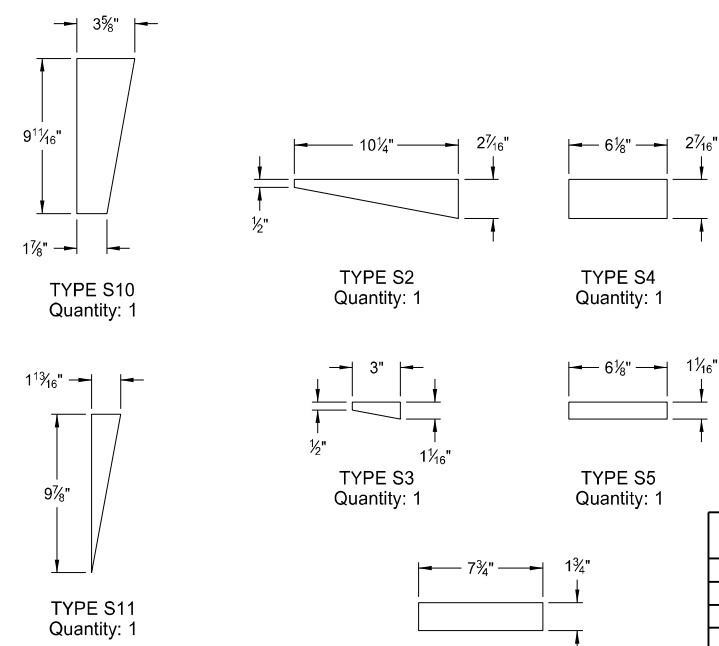
PLATE P2
Quantity: 1

PLATE P1
Quantity: 1

COVER PLATES



VERTICAL PLATES



STIFFENER PLATES

HORIZONTAL PLATES

NOTES:

1. Fabricate cover plates P1, P2, and P3 from 3/16" thick ASTM A36 Grade structural steel.
2. Fabricate stiffener plates from 1/4" thick ASTM A36 Grade structural steel.
3. Galvanize connector plate in accordance with AASHTO M111.

NORTH DAKOTA DEPARTMENT OF TRANSPORTATION	
7-14-17	
REVISIONS	
DATE	CHANGE
12-02-20	Updated notes to active voice.



12 02 2020