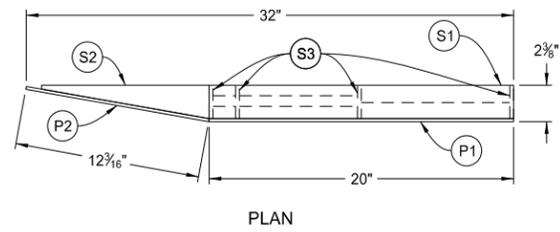


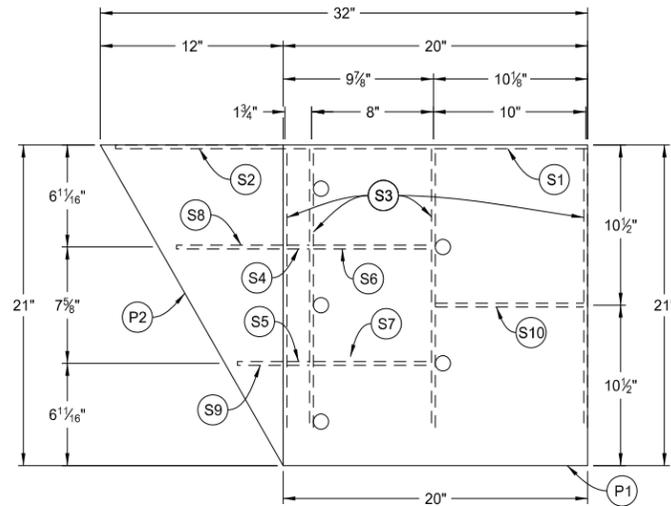
JERSEY BARRIER TO THRIE BEAM CONNECTOR PLATE DETAILS

D-764-62



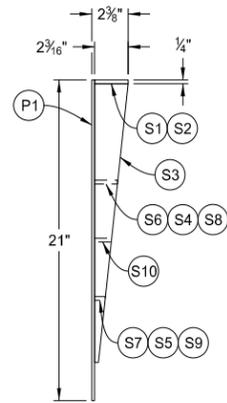
PLAN

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

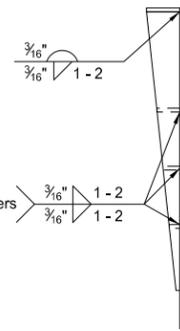


ELEVATION

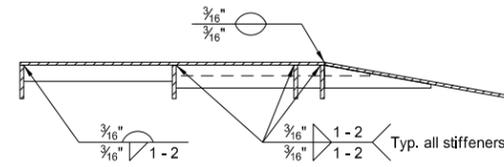
ASSEMBLY DETAIL
(Front View)



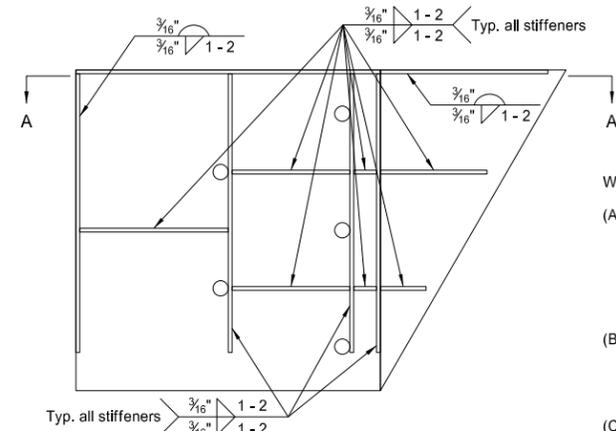
END



END

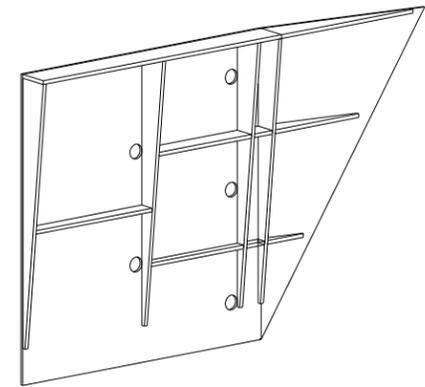


SECTION A-A



ELEVATION

WELDING DETAIL
(Back View)



PICTORIAL DRAWING
(Showing Back of Connector Plate)

WELDING INSTRUCTIONS:

- (A) Stiffeners located on the outside edges of the cover plates shall be welded 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) Stiffeners located on the inside of the cover plates shall be welded as follows:
3/16" fillet weld 1" long spaced at 2" center-to-center.
- (C) Cover plates P1 and P2 shall be welded together with a 3/16" continuous back weld on both sides.
- (D) Weld components with E60 rod.

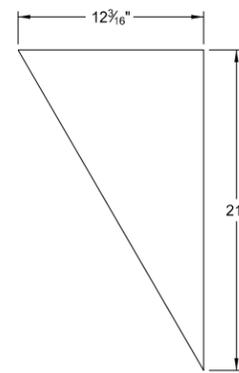


PLATE P2
Quantity: 1

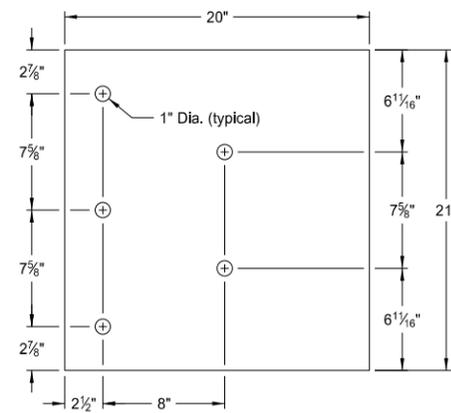
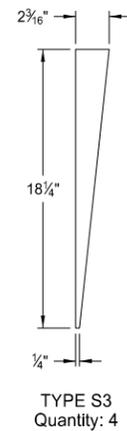


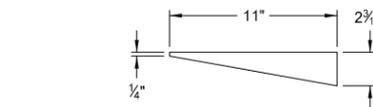
PLATE P1
Quantity: 1

COVER PLATES

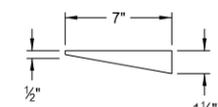


TYPE S3
Quantity: 4

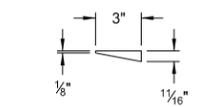
VERTICAL PLATES



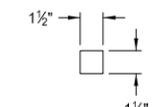
TYPE S2
Quantity: 1



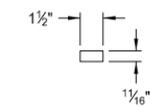
TYPE S8
Quantity: 1



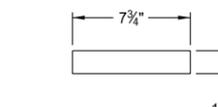
TYPE S9
Quantity: 1



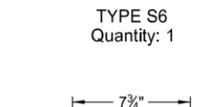
TYPE S4
Quantity: 1



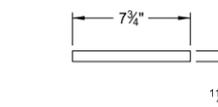
TYPE S5
Quantity: 1



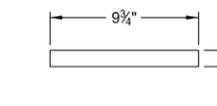
TYPE S1
Quantity: 1



TYPE S6
Quantity: 1



TYPE S7
Quantity: 1



TYPE S10
Quantity: 1

HORIZONTAL PLATES

STIFFENER PLATES

NOTES:

1. Cover plates P1 and P2 shall be fabricated from 3/16" thick ASTM A36 Grade structural steel.
2. Stiffener plates shall be fabricated from 1/4" thick ASTM A36 Grade structural steel.
3. Connector plate shall be galvanized in accordance with AASHTO M111.

NORTH DAKOTA DEPARTMENT OF TRANSPORTATION	
7-14-17	
REVISIONS	
DATE	CHANGE

This document was originally issued and sealed by
Roger Weigel,
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