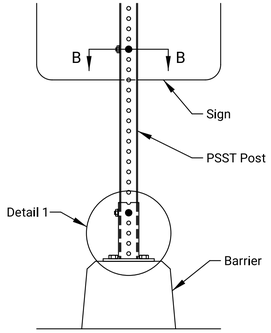
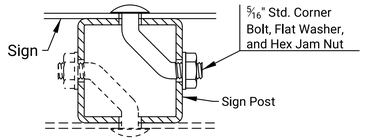
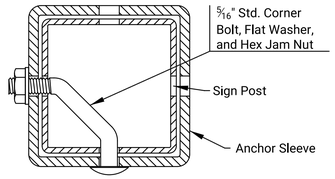
STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	0	0	0	0

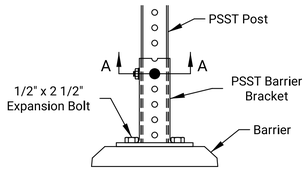




SECTION B-B



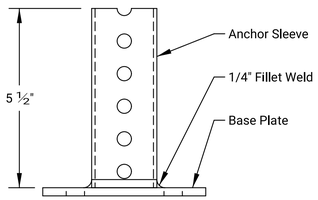
SECTION A-A

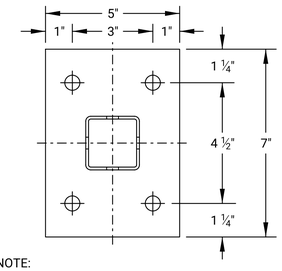


DETAIL 1

PSST POST MATERIALS TABLE	
SIGN POST 12 GA. OR 14 GA.	BARRIER BRACKET ANCHOR SLEEVE
1 ¾" X 1 ¾"	2" X 2" X 12 GA.
2" X 2"	2 ¼" X 2 ¼" X 12 GA.

NOTE: 14 ga. posts must meet a certified minimum yield strength of 60,000 p.s.i.





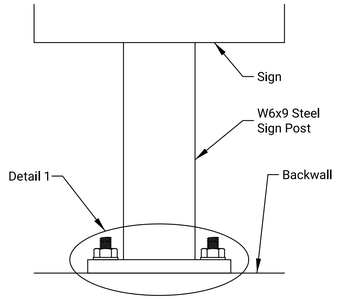
NOTE:
The base plate is ¼" thick.
The holes are 9/16" in diameter.
The anchor sleeve is to be centered on base plate.

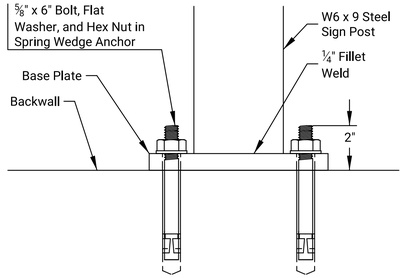
BARRIER BRACKET DETAILS

GENERAL NOTES

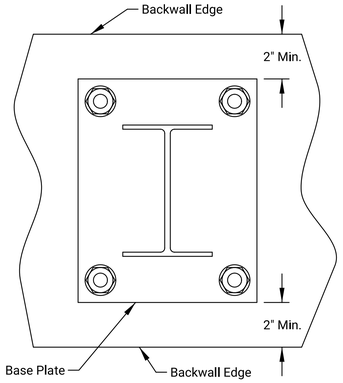
The base plate shall conform to ASTM A36 or ASTM A572 Grade 50 and galvanized in accordance with ASTM A123 after welding.

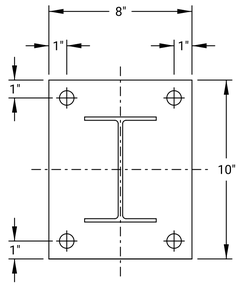
PERFORATED SQUARE STEEL TUBE POST (PSST) BARRIER INSTALLATION





DETAIL 1





NOTE:
The base plate is ¾" thick.
The holes are 13/16" in diameter.
The W6x9 sign post is to be centered on base plate.

BASE PLATE DETAILS

GENERAL NOTES

The base plate shall conform to ASTM A36 or ASTM A572 Grade 50 and galvanized in accordance with ASTM A123 after welding. The base plate and sign post shall be the same grade of steel.

The spring wedge anchor shall be carbon steel with either a zinc coating or hot dipped galvanization or stainless steel. The anchor shall meet or exceed these requirements:

Tensile Strength: 125,000 psi
Shear Strength: 100,000 psi

The anchors are to be installed as directed by fabricator.

NOTE: If anchor bolts are to be cast in place when backwall is fabricated, use 5/8" x 18" 'J' or 'L' shaped bolts with 1 ½" threaded ends.

W6 x 9 STEEL BEAM POST BACKWALL INSTALLATION

NO.	DATE	REVISIONS	BY	APP'D

KANSAS DEPARTMENT OF TRANSPORTATION

DETAILS FOR PSST POST ON BARRIER AND STEEL BEAM POSTS ON BACKWALL

TE470 10-01-19

FHWA APPROVAL		10-01-19	APP'D.	Eric W. Nichol	
DESIGNED	D.D.G.	DETAILED	D.D.G.	QUANTITIES	TRACED
DESIGN CK.	E.W.N.	DETAIL CK.	E.W.N.	QUAN.CK.	TRACE CK.

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File : te470.dgn