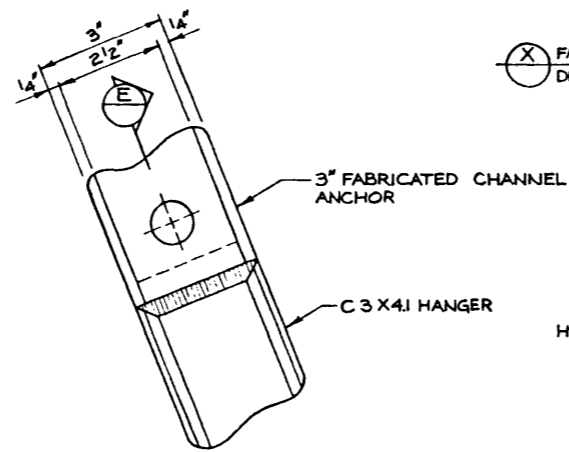
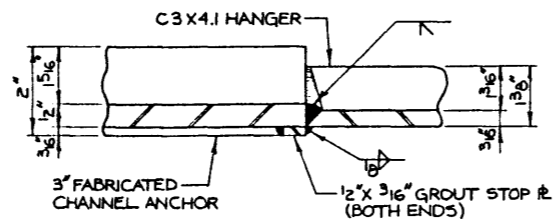


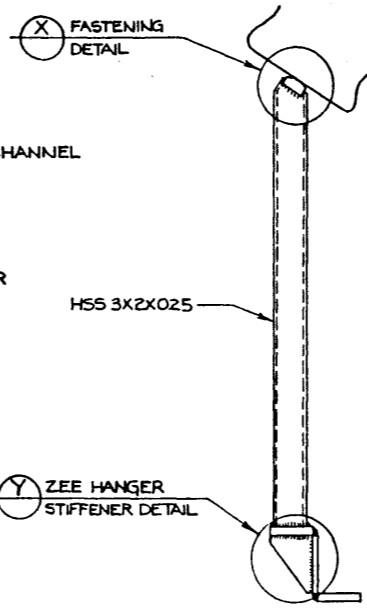
B SECTION
1/2"=1'-0"



T HANGER JOINT DETAIL
6"=1'-0"

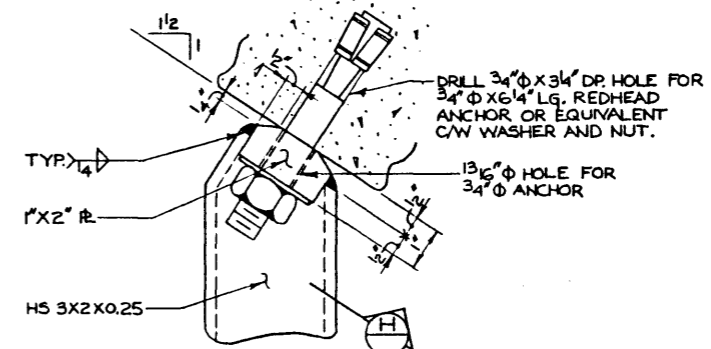


E SECTION
6"=1'-0"

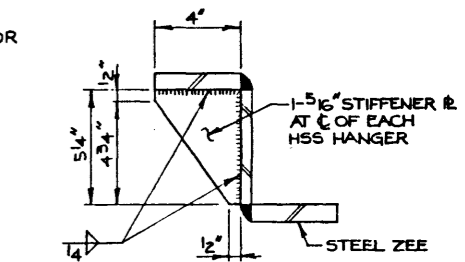


Y ZEE HANGER STIFFENER DETAIL

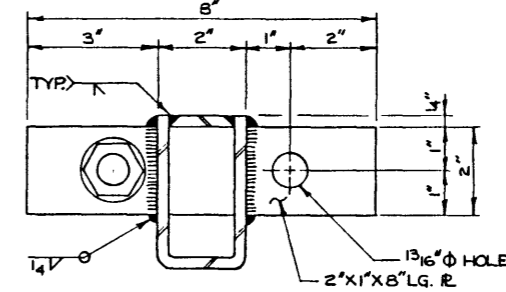
W ZEE HANGER DETAIL
1/2"=1'-0"



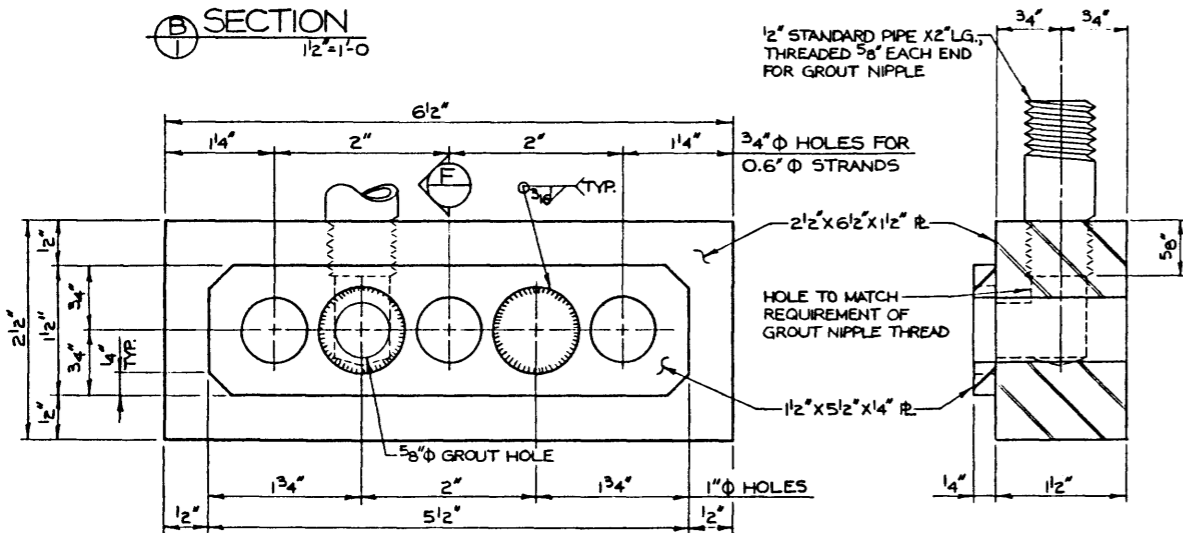
X FASTENING DETAIL
6"=1'-0"



Z ZEE HANGER STIFFENER DETAIL
3"=1'-0"

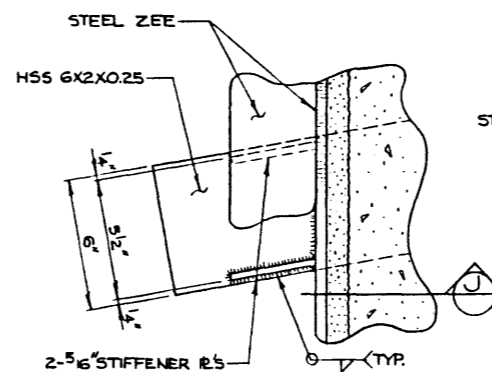


H SECTION
6"=1'-0"



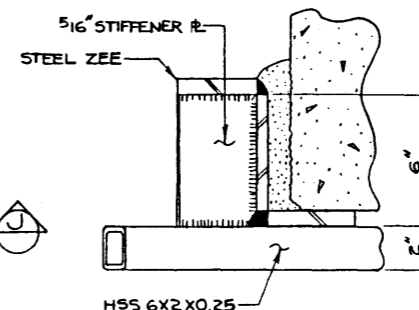
S STRAND END PL DETAIL
FULL SIZE

F SECTION
FULL SIZE

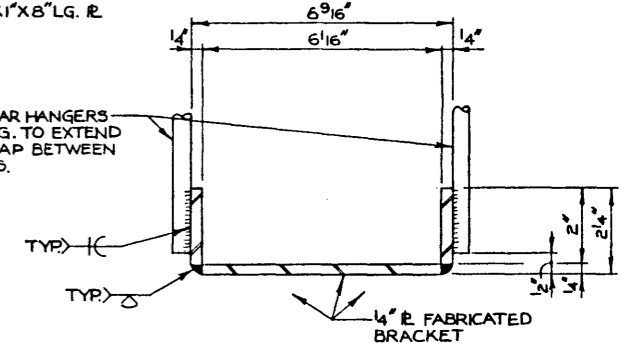


PLAN

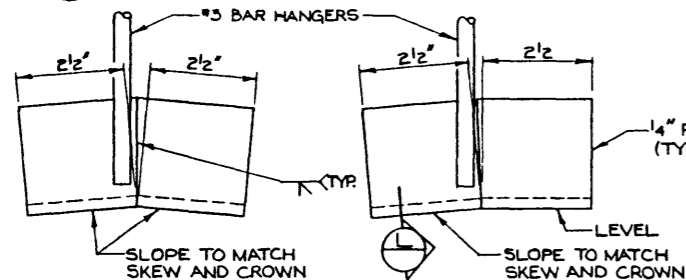
U STIFFENER DETAILS
3/2"=1'-0"



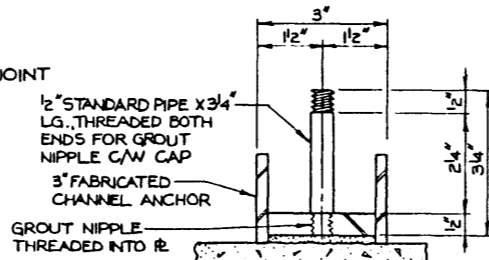
V SECTION



D SECTION
6"=1'-0"



V HSS CROWN JOINT DETAILS
6"=1'-0"



K SECTION
6"=1'-0"

MATERIALS

All steel to meet C.S.A. 640.21 Grade 44W or A.S.T.M. A500 A or B.
All welding shall conform to current A.W.S. Specification including interims.
Packing Grout (Polygrout) is to be mixed with minimum slump and rodded into position.
Pressure Grout is to be non-shrink with a 28 day compressive strength of 5000 psi.

INSTALLATION

- (1) Grout between girders as shown at proposed diaphragm location.
- (2) Roughen area under grout as shown.
- (3) Loosely place all pieces of the diaphragm c/w heat shrink collars and prestressing strands.
- (4) Snug bolts up and see that all is suitably aligned.
- (5) Place "Packing Grout" and allow to reach 5000 psi (24 hours for polygrout).
- (6) Stress tendons and pressure grout.

*WORK THIS DRAWING IN CONJUNCTION WITH DWG. 5-1182

DESIGNED C.W. PETERSON				DRAWN BY D.K.O.		DATE 79 07 25		CHECKED BY		DATE		STREAM		LOCATION		HWY NO		SCALE SHOWN		FILE NO		SHEET 2 OF 2		DWG NO 5-1183	
APPROVED												Alberta TRANSPORTATION BRIDGE BRANCH													
CHIEF BRIDGE ENGINEER												LATERAL PRE-STRESSING ATTACHMENT FOR VF GIRDERS DETAILS - SHEET #2													
NO												REVISIONS													
DATE												DESCRIPTION													
DATE												DATE													