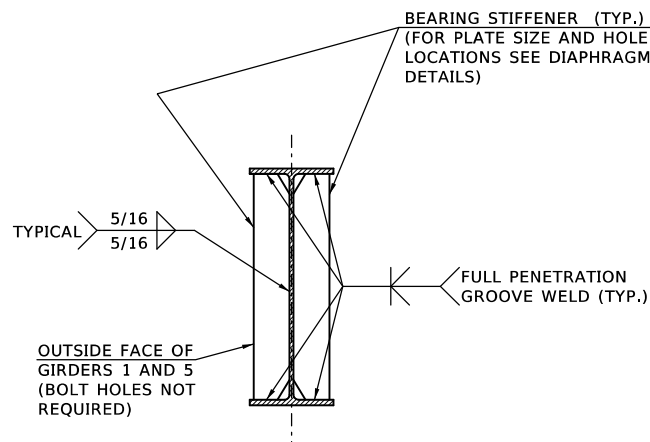


BEAM ELEVATION (SPANS 1 AND 3)

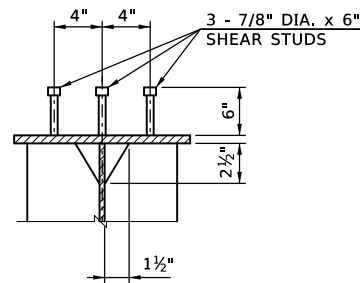
SCALE: NONE

① PROVIDE 7/8" X 1'-0" X 4'-10 1/2" ELASTOMETRIC PAD WITH A 50 DUROMETER HARDNESS AND CONSISTING OF A SINGLE LAYER. EXTEND PAD 1/2" BEYOND THE END OF THE BEAM AS SHOWN.



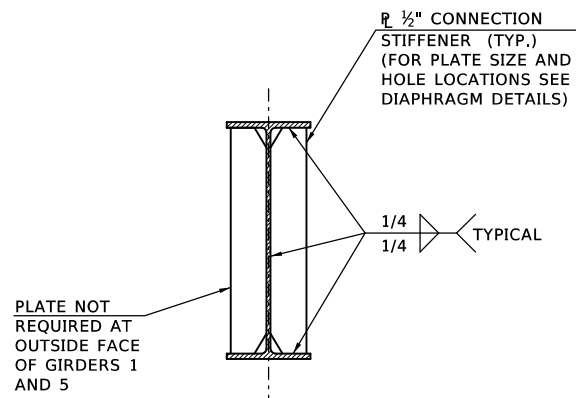
BEARING STIFFENERS FOR SPANS 1 & 3

SCALE: 1"=1'-0"



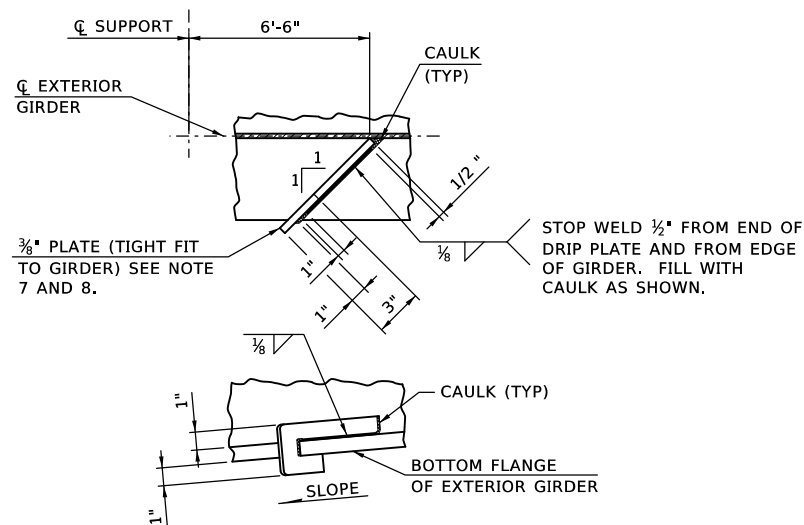
STIFFENER CLIP AND SHEAR CONNECTORS

SCALE: NONE



CONNECTION STIFFENERS FOR SPANS 1 & 3

SCALE: 1"=1'-0"



TYPICAL DRIP PLATE DETAIL FOR EXTERIOR GIRDERS

SCALE: NONE

NOTES:

- FOR BRIDGE GEOMETRIC DATA SEE GENERAL PLAN AND ELEVATION.
- W36X150 AND STIFFENER PLATES SHALL CONFORM TO CHARPY V-NOTCH REQUIREMENTS FOR ZONE 2. CHANNEL DIAPHRAGMS AND GUSSET PLATES DO NOT REQUIRE CHARPY V-NOTCH TESTING.
- GIRDERS, DIAPHRAGMS, AND CONNECTIONS SHALL BE FABRICATED FOR TOTAL DEAD LOAD FIT CONDITION.
- ALL STRUCTURAL STEEL SHALL BE M270 GRADE 50W STEEL.
- CL BEARING TO CL BEARING LENGTH IS TAKEN ALONG THE GIRDER WEB AND TOP FLANGE WITH DIAPHRAGMS PLACED AS SHOWN IN THE GIRDER ELEVATION.
- GIRDERS ARE DRAWN AND DIMENSIONS SHOWN AS IF THE TOP FLANGE OF GIRDERS WERE IN A TRULY HORIZONTAL POSITION. SHOP DRAWINGS SHALL INCLUDE ADJUSTMENTS AS NECESSARY TO ACCOUNT FOR VERTICAL CURVE AND DEAD LOAD DEFLECTIONS.
- ALL FILLET WELDS SHALL BE TERMINATED 3/8" +/- 1/8" FROM EDGES OF STIFFENERS AS PER AWS D1.5 SECT 9.15.
- ANCHOR BOLTS, NUTS, AND WASHERS SHALL BE INSTALLED PRIOR TO INSTALLING STRUCTURAL STEEL.
- DRIP PLATES SHALL BE PLACED ON THE OUTSIDE OF THE EXTERIOR GIRDERS ON THE UP GRADE SIDE OF ABUTMENT AND EACH PIER.
- ALL COST OF DRIP PLATE, WELD, CAULK AND LABOR NEEDED FOR INSTALLATION SHALL BE INCLUDED IN THE UNIT PRICE BID PER LB. FOR "STRUCTURAL STEEL".

Design	MKR	7/16	SH 10 OVER BIG CABIN CREEK	CRAIG COUNTY
Drawn	WZB	7/16	BRIDGE A	
Checked	LJW	7/16	GIRDER DETAILS (1)	
Approved	SAK	9/16		
Squad	BENHAM			
			Job Piece No. 29068(04)	Sheet No. 45