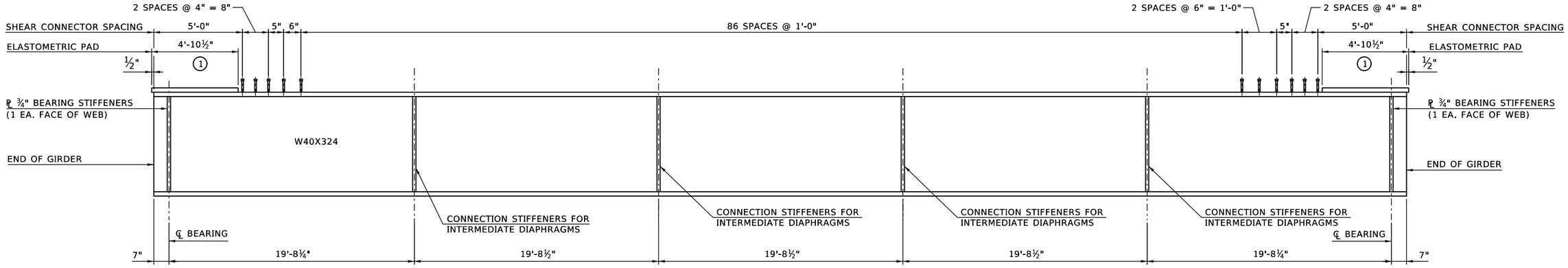
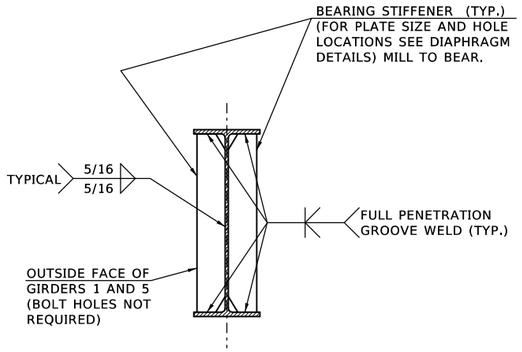
7/31/2017
12:18:48 PM
P:\FDB\1650-TUL\CIV\309908_ODOT_EC1509_SH10_20\20_DESGN\40_CAD_SHT\Dgn\S\Bridge A\29068(04)_S_Girder_1_Det_02.dgn



BEAM ELEVATION (SPAN 2)

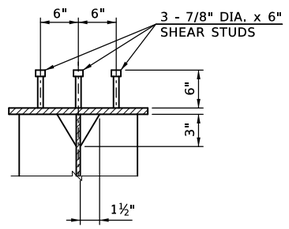
SCALE: NONE

(1) PROVIDE 1" X 1'-3⅞" X 4'-10½" 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.



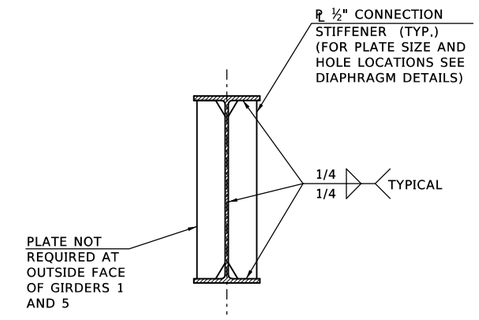
BEARING STIFFENERS FOR SPAN 2

SCALE: 1"=1'-0"



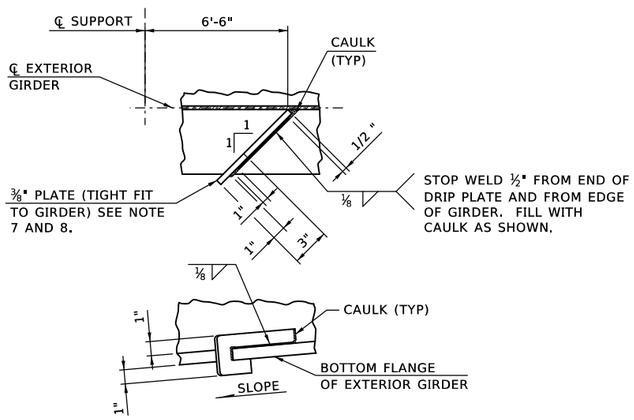
STIFFENER CLIP AND SHEAR CONNECTORS

SCALE: NONE



CONNECTION STIFFENERS FOR SPAN 2

SCALE: 1"=1'-0"



TYPICAL DRIP PLATE DETAIL FOR EXTERIOR GIRDERS

SCALE: NONE

NOTES:

1. FOR BRIDGE GEOMETRIC DATA SEE GENERAL PLAN AND ELEVATION.
2. W40X324 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.
3. GIRDERS, DIAPHRAGMS, AND CONNECTIONS SHALL BE FABRICATED FOR TOTAL DEAD LOAD FIT CONDITION.
4. ALL STRUCTURAL STEEL SHALL BE M270 GRADE 50W STEEL.
5. ℄ BEARING TO ℄ BEARING LENGTH IS TAKEN ALONG THE GIRDER WEB AND TOP FLANGE WITH DIAPHRAGMS PLACED AS SHOWN IN THE GIRDER ELEVATION.
6. 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.
7. ALL FILLET WELDS SHALL BE TERMINATED ⅜" +/- ⅛" FROM EDGES OF STIFFENERS AS PER AWS D1.5 SECT 9.15.
8. ANCHOR BOLTS, NUTS, AND WASHERS SHALL BE INSTALLED PRIOR TO INSTALLING STRUCTURAL STEEL.
9. DRIP PLATES SHALL BE PLACED ON THE OUTSIDE OF THE EXTERIOR GIRDERS ON THE UP GRADE SIDE OF ABUTMENT AND EACH PIER.
10. 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
Drawn	JT	7/16
Checked	LJW	7/16
Approved	SAK	9/16
Squad	BENHAM	

SH 10 OVER BIG CABIN CREEK — CRAIG COUNTY

BRIDGE A

GIRDER DETAILS (2)

Job Piece No. 29068(04) Sheet No. 46