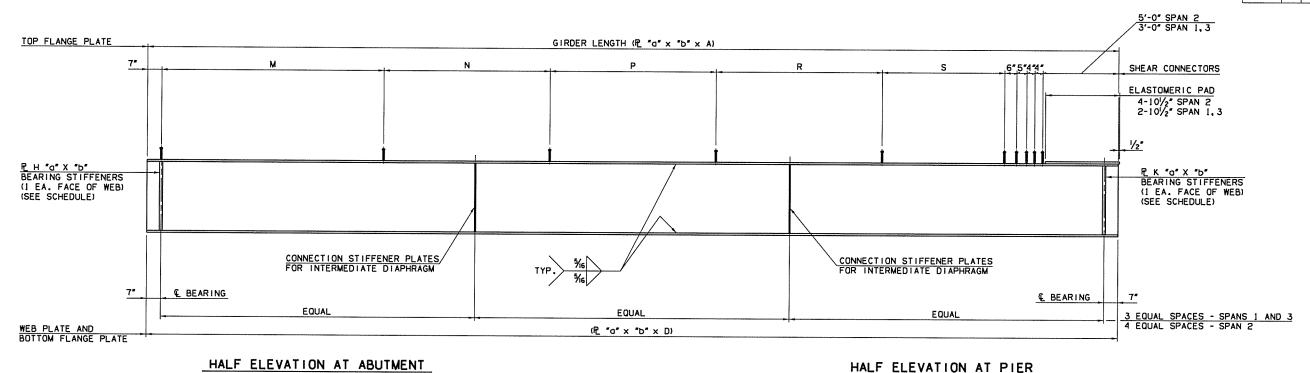
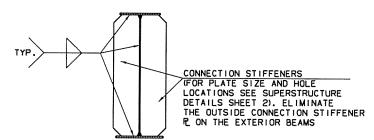
DIVISION STATE JAP PROJ NO FISCAL SHEET TOTAL YEAR NO SHEETS OKLA 27092(04) 63 143



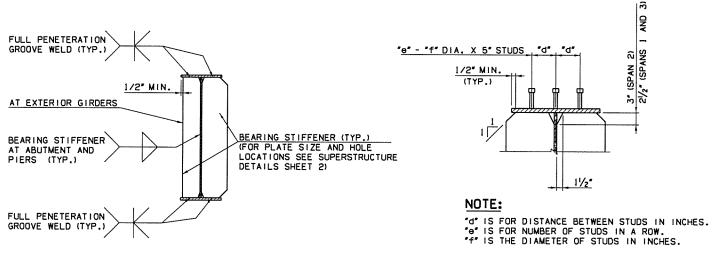
## GIRDER ELEVATION (GIRDERS NO. 1 THRU 5 @ SPAN 1.2 & 3) SCALE: NONE



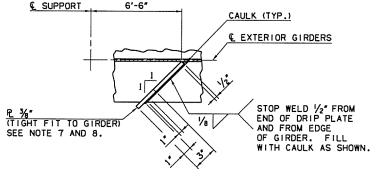
## CONNECTION STIFFENER PLATE SCALE: NONE

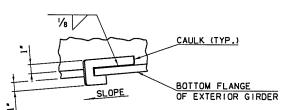
BEARING STIFFENERS

SCALE: NONE



TYPICAL DRIP PLATE DETAIL STIFFENER CLIP AND SHEAR STUDS FOR EXTERIOR GIRDERS SCALE: NONE SCALE: NONE





## **ELASTOMERIC PADS:**

PROVIDE ELASTOMERIC PAD WITH A 50 DUROMETER HARDNESS AND CONSISTING OF A SINGLE LAYER. EXTEND PAD 1/2"
BEYOND THE END OF THE BEAM. AT SPANS 1 AND 3
ELASTOMERIC PAD IS 3/4" X 1'-0" X 2'-101/2". AT SPAN 2
ELASTOMERIC PAD IS 1" X 1'-4" X 4'-101/2".

## NOTES:

- 1. FOR BRIDGE GEOMETRIC DATA SEE GENERAL PLAN AND ELEVATION.
- 2. ALL FLANGE PLATES, WEB PLATES AND STIFFENER PLATES SHALL CONFORM TO THE CHARPY V-NOTCH REQUIREMENTS FOR ZONE 2. CHANNEL DIAPHRAGMS AND GUSSET PLATES DO NOT REQUIRE CHARPY V-NOTCH TESTING.
- 3. PLATE GIRDERS, DIAPHRAGMS, STIFFENER PLATES AND CONNECTIONS PLATES 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 36" +/- 1/8" FROM EDGES OF STIFFENERS AS PER AWS D1.5 SECT 9.15.
- 8. DRIP PLATES SHALL BE PLACED ON THE OUTSIDE OF THE EXTERIOR GIRDERS ON EACH END OF BEAM.
- 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 6/16 US 169 OVER OPOSSUM CREEK NOWATA COUNTY Drawn WZB 6/16 BRIDGE A SUPERSTUCTURE DETAILS Checked DAS 6/16 Approved SAK 6/16 (SHEET 3 OF 4) Squad BENHAM Job Piece No. 27092(04) Sheet No. 63