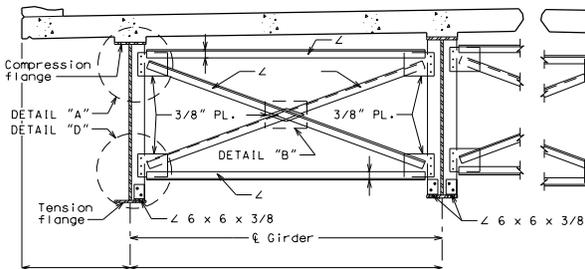
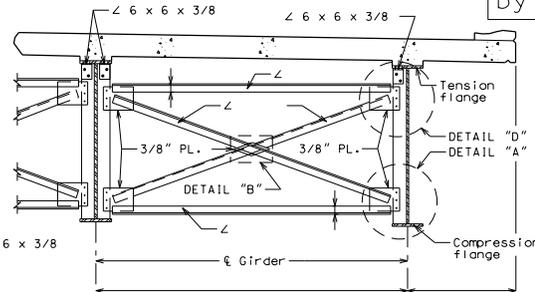


TYPICAL PART SECTION SHOWING END DIAPHRAGMS



TYPICAL PART SECTION SHOWING INTERMEDIATE DIAPHRAGMS BOTTOM FLANGE IN TENSION



TYPICAL PART SECTION SHOWING CROSS FRAMES AND INTERMEDIATE DIAPHRAGMS TOP FLANGE IN TENSION

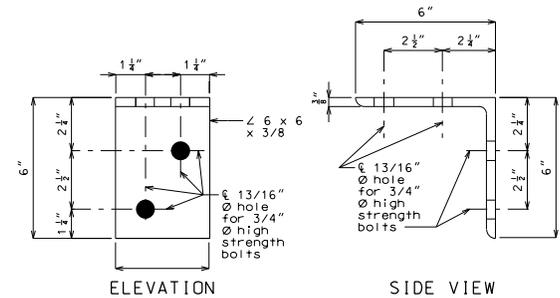
Standard Drawing Guidance (do not show on plans):

Check with Designer to verify use of Flange Connection Angles, if they are not needed turn the Bridge-Miscellaneous level off.

Angle size should be shown without inch (") marks on the plans.

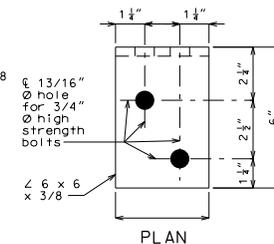
Do not show fillet weld size unless by design and size of weld exceeds Sec 1080.

Show specialty welds information as given unless by design.



ELEVATION

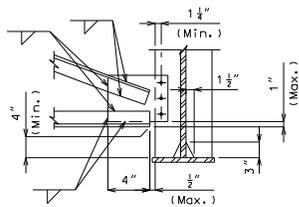
SIDE VIEW



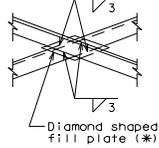
PLAN

DETAIL OF FLANGE CONNECTION ANGLE

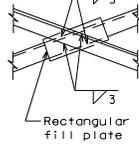
Note: The two 3/4" Ø H.S. bolts that connect the 6 x 6 x 3/8 angle to the top flange shall be placed so the nut is on the inside of flange (toward the web).



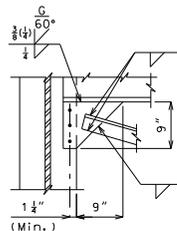
DETAIL "A"
(DETAIL "E" similar)



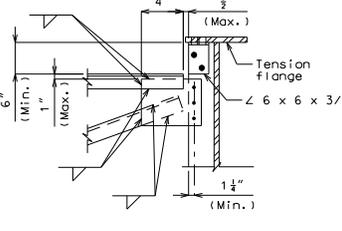
DETAIL "B"



OPTIONAL
DETAIL "B"



DETAIL "C"



DETAIL "D"

(*) At the contractor's option, rectangular fill plates may be used in lieu of diamond fill plates as shown in Optional Detail "B".

"THIS MEDIA SHOULD NOT BE CONSIDERED A CERTIFIED DOCUMENT."

DATE PREPARED	11/28/2011
ROUTE	MO
DISTRICT	BR
COUNTY	*
JOB NO.	*
CONTRACT ID.	*
PROJECT NO.	*
BRIDGE NO.	DIA 9

DESCRIPTION	
DATE	

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION



105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MOTDOT (1-888-275-6636)

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

Detailed
Checked

Note: This drawing is not to scale. Follow dimensions.

Sheet No. of