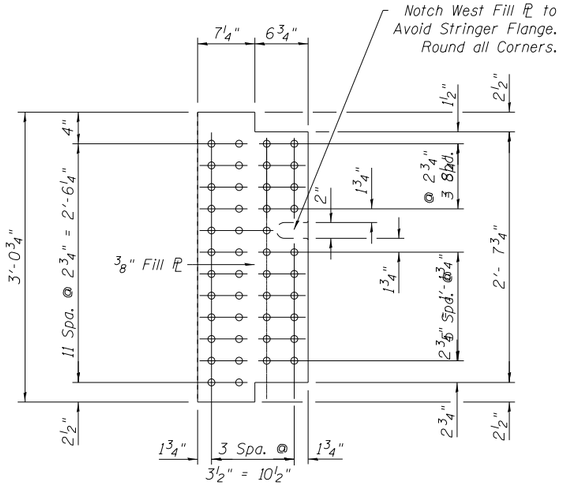
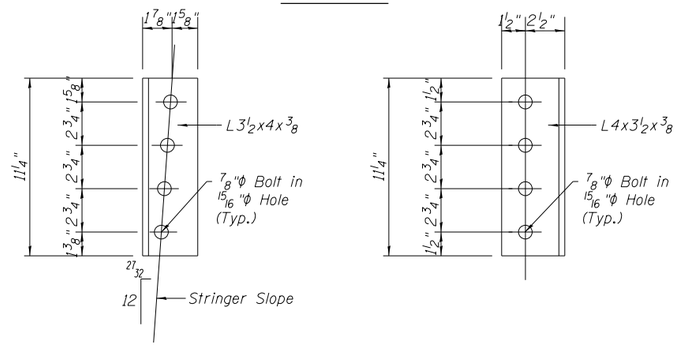


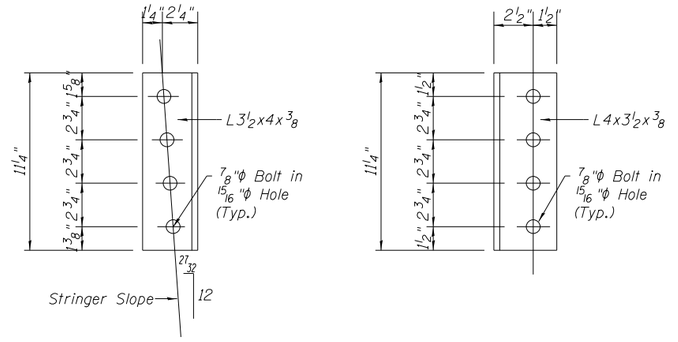
DETAIL 2



CONNECTION TO S15 STRINGER

CONNECTION TO W36 FLOOR BEAM

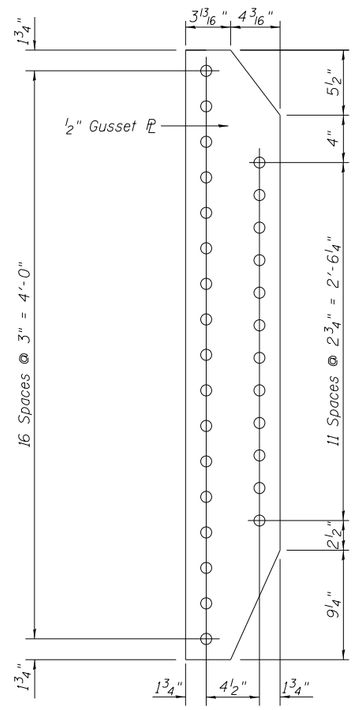
DETAIL 3



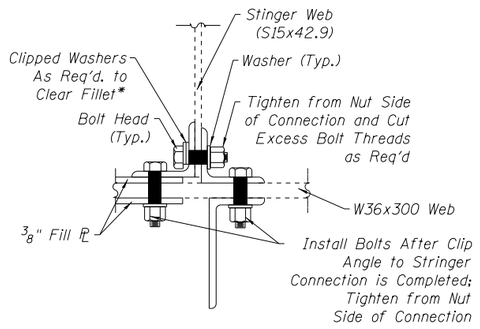
CONNECTION TO S15 STRINGER

CONNECTION TO W36 FLOOR BEAM

DETAIL 4

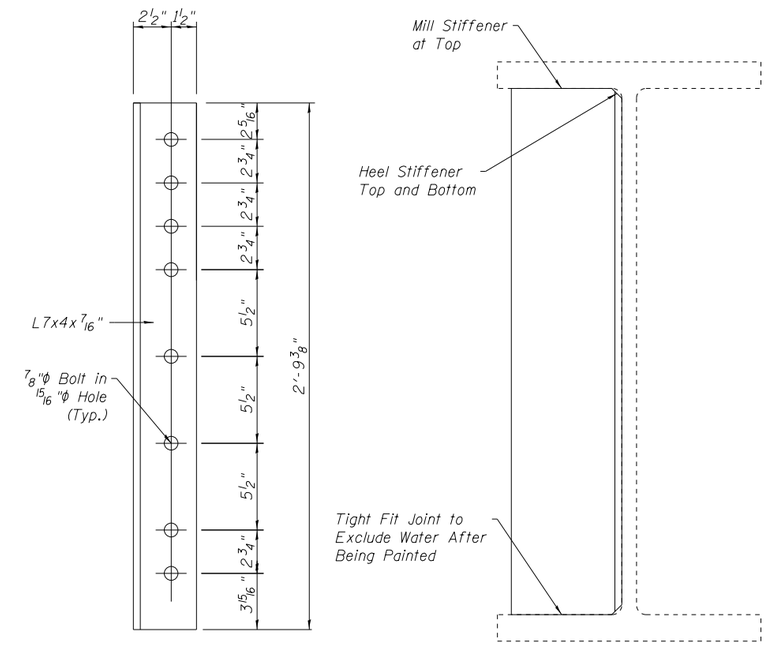


DETAIL 5

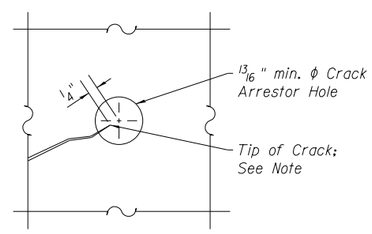


DETAIL 6

* Cost included in Pay Item for Structural Steel Repair



DETAIL 7



DETAIL 8

Note: Locate crack tip using liquid dye penetrant or magnetic particle testing. Drill 13/16"ϕ Crack Arrrestor hole at crack tip. After crack arrestor hole has been drilled, dye penetrant or magnetic particle testing shall be used to verify that the drilled hole has captured the crack tip. Cost shall be included in the pay item Structural Steel Repair.

FILE NAME =	USER NAME =	DESIGNED - JMS	REVISED -
		CHECKED - JMH	REVISED -
	PLOT SCALE =	DRAWN - PRH	REVISED -
	PLOT DATE =	CHECKED - JMH	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

WEST APPROACH SPAN REPAIR DETAILS
STRUCTURE NO. 099-0166
SHEET NO. S3A OF S9 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
607	2011-065-BR	WILL	33	16A
		CONTRACT NO. 60P84		
	ILLINOIS FED. AID PROJECT			