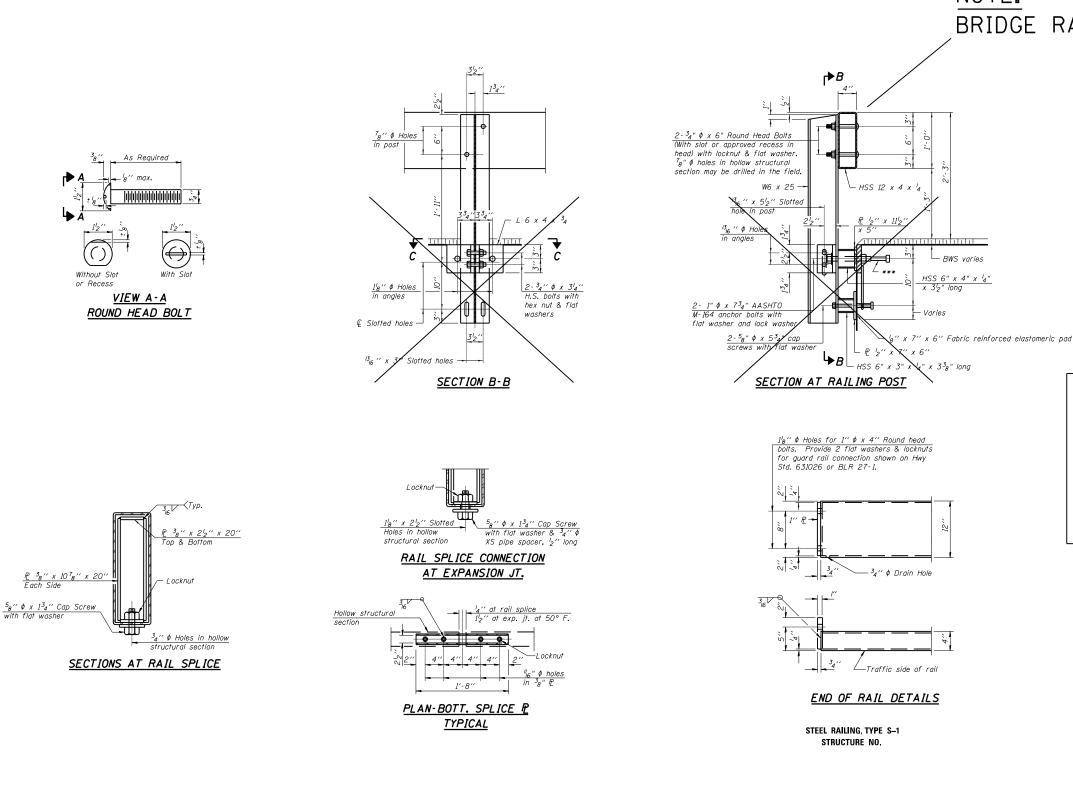
BRIDGERAIL MODIFICATION DETAIL



FILE NAME =	USER NAME = Sparksgw	DESIGNED -	REVISED -			г	ne ci		
c:\pw_work\pwidot\sparksgw\d0247485\D67	2E17-sht-bridge-rail-modification.dgn	DRAWN -	REVISED -	STATE OF ILLINOIS	D6 GUARDRA BRIDGERAIL MODIFI				
	PLOT SCALE = 100.0000 '/ in.		REVISED -	DEPARTMENT OF TRANSPORTATION		BRIDGI	EKAIL		DIFIC
	PLOT DATE = Mar-24-2011 08:32:31AM	DATE -	REVISED -		SCALE:	SHEET NO.	0F	SH	HEETS

NOTE: BRIDGE RAIL ONLY REPLACEMENT

NOTE:

THIS DETAIL SHALL BE USED FOR BRIDGERAIL REPAIRS WHERE NEW STEEL PLATE BEAM GUARDRAIL AND TERMINAL SECTIONS WILL BE TIED INTO EXISTING STEEL PLATE BEAM GUARDRAIL AS WELL AS FOR REMOVING EXISTING RAIL AND ERECTING THE NEW RAIL ELEMENT.

> Notes: All field drilled holes shall be coated with an approved zinc rich paint before erection. For multi-span bridges, sufficient $l_4'' \times 6'' \times 1'-2''$ galvanized steel shims shall be or x 1-2 gaivanized steer shifts shall be provided to align cril between adjacent spans. Cost included with Steel Railing, Type S-1, All steel rail elements shall be galvanized according to Article 509.05 of the Standard Specifications.

BILL OF MATERIAL

Item	Unit	Quantity		
Bridge Rail Removal	Foot	546.0		
Steel Railing, Type S-1	Foot	546.0		

L END REPL			F.A.P. RTE.	SEC	TION	COUNTY	TOTAL SHEETS	SHEET NO.	
r	CATION SHEET			VAR.		••	•	19	19
SATION SHELT						CONTRAC	T NO.	72E17	
	STA.	TO STA.		ILLINOIS FED. AID PROJECT					
		•• D6	GUARDRAT	I END	REPL 2011-1	 MENARD. 	MORGAN, SANGA	MON &	SCOTT