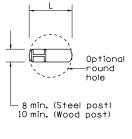
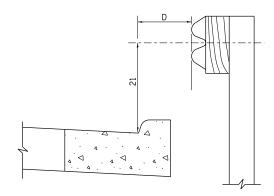
## **REMOVE AND REERECT STEEL PLATE BEAM GUARDRAIL**

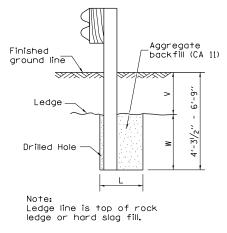


PLAN



Note: If it is necessary for D to be more than 12 and less than 10'-0" type M-2 curb and gutter (Std. 606001) shall be used in front of and in advance of the guardrail.

> GUARDRAIL PLACED BEHIND CURB (D = 0 desirable to 12 maximum)



ELEVATION

FOOTING FOR POST WHEN IMPERVIOUS MATERIAL IS ENCOUNTERED

w	L		
W	Steel Post	Wood Post	
24	21	23	
12	8	10	
12 - 0	8	10	
	12	Steel Post   24 21   12 8	

1" double nuts or locknuts and washer

HBMA ENGINEERING GROUP, LC, SUITE SET, MARRISON ST. CONSULTING & RESIGN MILESDER, IL 60162 PHOME: 1708: 236-9900 RESERVICE ITSTING	DESIGNED - DISTRICT 2	REVISED -		DISTRICT 2 STANDARD – 53.1	F.A.P. RTE.	SECTION	COUNTY TOTAL SHEET SHEETS NO.	
ENGINE	EERING GROUP, LLC, SUITE 231 IEERING GROUP, LLC, SUITE 231 ITUR: A OFEIRA HILLSIDE, IL 60162	CHECKED - MI	REVISED -	STATE OF ILLINOIS	EB US ROUTE 20 OVER PECATONICA RIVER STRUCTURE NO. 089–0042	0301	(177-4B-1)M	STEPHENSON 43 16
INSPECTION & RATI RESEARCH & TESTIP	DB:RAWN PIDNE: TOSI 725-0900   TESTING FAX TOSI 725-0901   DATE - 03/13/2013 CHECKED - JMG, MAI REVISED -	DEPARTMENT OF TRANSPORTATION	SHEET NO. 3 OF 4 SHEETS	_		CONTRACT NO. 64J24		
	DATE - 03/13/2013	CHECKED - JMG, MAI	REVISED -		SHEEL NU. 3 UF 4 SHEETS		ILLINOIS FED. A	ID PROJECT

