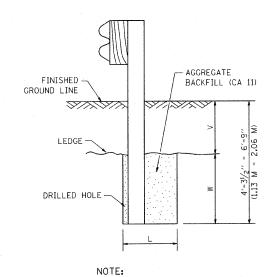


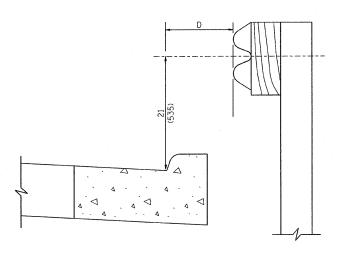
PLAN



ELEVATION

LEDGE LINE IS TOP OF ROCK LEDGE OR HARD SLAG FILL.

FOOTING FOR POST WHEN IMPERVIOUS MATERIAL IS ENCOUNTERED



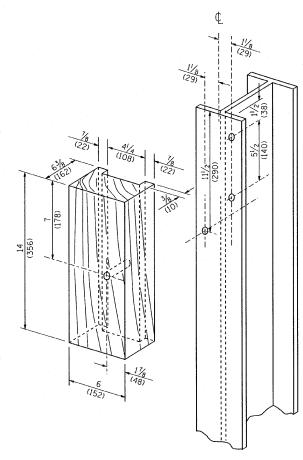
NOTE:

IF IT IS NECESSARY FOR D TO BE MORE THAN 12 (300) AND LESS THAN 10'-0" (3.0 M) TYPE M-2 (M-5) CURB AND GUTTER (STD. 606001) SHALL BE USED IN FRONT OF AND IN ADVANCE OF THE GUARDRAIL.

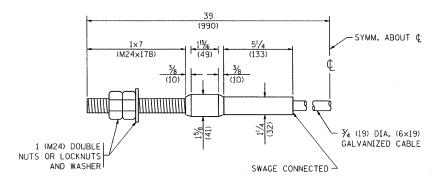
GUARDRAIL PLACED BEHIND CURB

(D = 0 DESIRABLE TO 12 (300) MAXIMUM)

W.	v w	L			
V	**	STEEL POST	WOOD POST		
0 - 18	24	21	23		
(0 - 460)	(610)	(530)	(580)		
>18 - 41.5	12	8	10		
(> 460 - 825)	(305)	(203)	(250)		
>41.5 - 53.5	12 - 0	8	10		
(> 825 - 1.13 M)	(350 - 0)	(203)	(250)		



WOOD BLOCK-OUT AND STEEL POST DETAILS



CABLE ASSEMBLY

(40,000 LBS (18,100 KG) MIN. BREAKING STRENGTH)
TIGHTEN TO TAUT TENSION

FILE NAME =	USER NAME = gaglianobt	DESIGNED -	REVISED - 10-31-06			
W:\diststd\22x34\bm21.dgn		DRAWN -	REVISED -			
	PLOT SCALE = 50.0000 ' / IN.	CHECKED -	REVISED -			
	DLOX DATE - 1/4/2000	DATE -	PEVISED -			

STATE ()F	ILLINOIS
DEPARTMENT OF	FT	RANSPORTATION

REMOVE AND REERECT				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
STEEL PLATE BEAM GUARDRAIL			332	0312-708W-I	Cook	9	9d		
					BM-21	CONTRACT	NO. 6	0N81	
 SCALE: NONE	SHEET NO. 4 OF 4	SHEETS	STA.	TO STA.	FED. RO	FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			