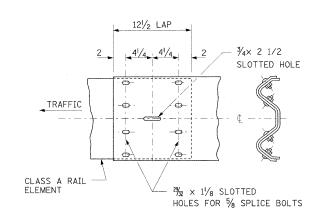
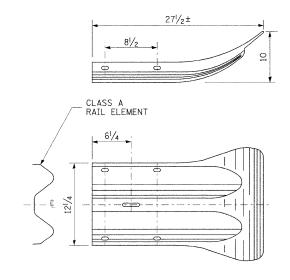


SPLICE PLATE



RAIL ELEMENT SPLICE



END SECTION

POST BOLT WITH WASHER ON FRONT FACE. (8 REQUIRED)

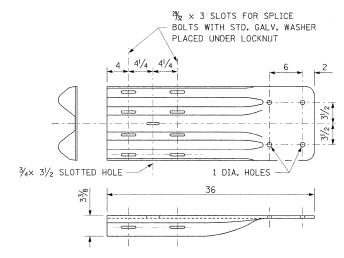
13/8

NOTE

3/16 STEEL PLATE

ANCHOR PLATE T SHALL BE USED TO ATTACH CABLE ASSEMBLY TO GUARDRAIL WHEN REQUIRED ON TRAFFIC BARRIER TERMINALS.

ANCHOR PLATE T DETAILS



1/2 STEEL PLATE

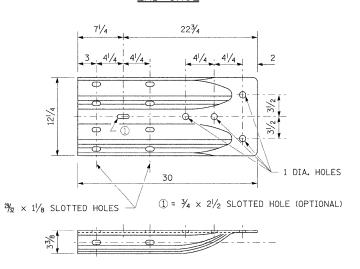
NOTE

WHEN END SHOE IS ATTACHED TO A BRIDGE PARAPET WHICH HAS AN EXPANSION JOINT, THE BOLTS SHALL BE PROVIDED WITH A LOCKNUT OR DOUBLE NUT AND SHALL BE TIGHTENED ONLY TO A POINT THAT WILL ALLOW GUARDRAIL MOVEMENT.

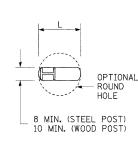
THE STANDARD END SHOE SHALL BE ATTACHED TO THE CONCRETE WITH PRE-DRILLED OR SELF-DRILLING ANCHOR BOLTS. THE ANCHOR CONE SHALL BE SET FLUSH WITH THE SURFACE OF THE CONCRETE.

EXTERNALLY THREADED STUDS PROTRUDING FROM THE SURFACE OF THE CONCRETE WILL NOT BE PERMITTED.

END SHOE



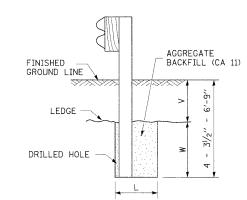
ALTERNATE END SHOE



<u>PLAN</u>

V	\w	L			
Y	**	STEEL POST	WOOD POST		
0 - 18	24	21	23		
>18 - 41.5	12	8	10		
>41.5 - 53.5	12 - 0	8	10		

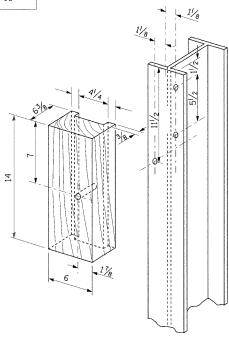
NEUTRAL AXIS



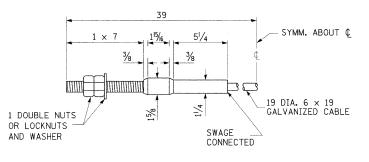
NOTE: LEDGE LINE IS TOP OF ROCK LEDGE OR HARD SLAG FILL.

ELEVATION

FOOTING FOR POST WHEN IMPERVIOUS MATERIAL IS ENCOUNTERED



WOOD BLOCK-OUT AND STEEL POST DETAILS



CABLE ASSEMBLY

40,000 LBS. MIN. BREAKING STRENGTH TIGHTEN TO TAUT TENSION.

FILE NAME =	USER NAME = \$USER\$	DESIGNED -	REVISED -
\$FILEL\$		DRAWN -	REVISED -
	PLOT SCALE = \$SCALE\$	CHECKED -	REVISED -
	PLOT DATE = \$DATE\$	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STE	EL PLATE	BEAM	GUARDRAIL	, TYPE A	DETAIL
	SHEET NO.	2 OF 3 SI	FFTS ST	Δ	TO STA.

SCALE:

F.A.P. SECTION								CC	UNTY	TOTAL SHEET:	s S	SHEET NO.	
817 4218-1							ST.	CLAIR	56		13		
								CO	NTRACT	NO.	76	885	
FED.	ROAD	DIST.	NO.		ILLINOIS	FED.	AID	PRO	JECT				