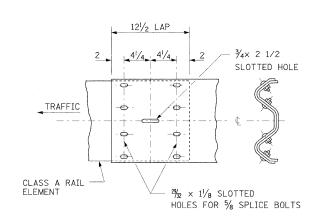
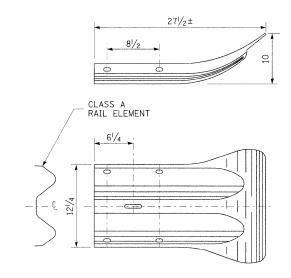


SPLICE PLATE



RAIL ELEMENT SPLICE



END SECTION

NEUTRAL AXIS

NEUTRAL AXIS

NEUTRAL AXIS

NEUTRAL AXIS

NEUTRAL AXIS

NEUTRAL AXIS

RAIL ELEMENT

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

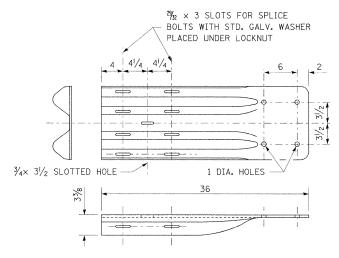
13/6

16

NOTE:

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

ANCHOR PLATE T DETAILS



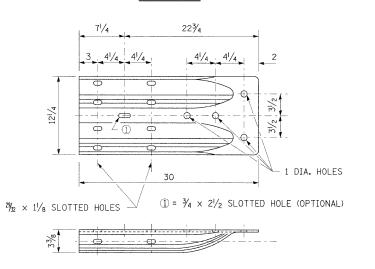
NOTE:

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



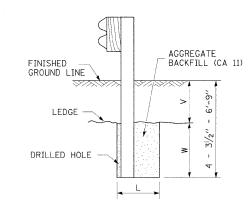
<u>PLAN</u>

8 MIN. (STEEL POST) 10 MIN. (WOOD POST)

OPTIONAL

- ROUND

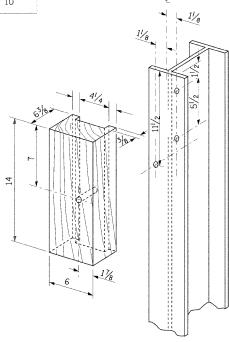
V	W	L				
	,,	STEEL POST	WOOD POST			
0 - 18	24	21	23			
>18 - 41.5	12	8	10			
>41.5 - 53.5	12 - 0	8	10			



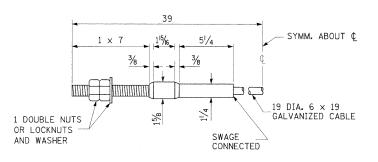
NOTE: LEDGE LINE IS TOP OF ROCK LEDGE OR HARD SLAG FILL.

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 = challandeske	DESIGNED -	REVISED -
c:\pw_work\pwidot\challandeske\dms51755\	plnØ97a.dgn	DRAWN -	REVISED -
	PLOT SCALE = 50.00 '/ IN.	CHECKED -	REVISED -
	PLOT DATE = 10/23/2008	DATE	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

OTTEL DIATE DEAL		OHADBI	OHADDRAH TYOT A DETAIL		F.A.P. SECTION		COUNTY	TOTAL SHEETS	SHEET NO.		
l	STEEL PLATE BEAM GUARDRAIL, TYPE A DETAIL			42 139BR		BOND	59	28			
L									CONTRACT	NO.	76391
L	SCALE:	SHEET NO. OF	SHEETS	STA.	TO STA.	FED. RO	DAD DIST. NO. ILI	INOIS FED. AI	D PROJECT		