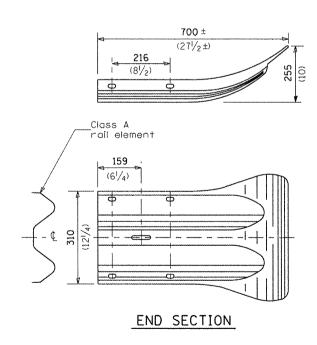
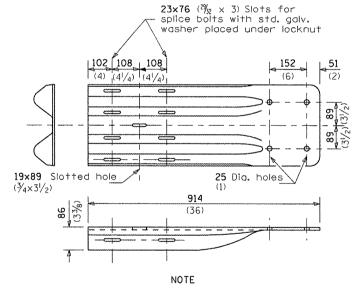


RAIL ELEMENT SPLICE





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

	184	578	-
	(71/4)	(22¾)	· .
	76 108 108 (3) (41/4)	108 108	<u>51</u> (2)
4	ф † ф		
0 (4	+ + +		31/2)
310 (121/4)		- Pa - 1	(3/2)
	7 762	2	25 Dia. holes
	(30		1
23×29 Slot $(2\%_{32} \times 1^{1}/_{8})$	tted Holes ①	$= 19 \times 64$ Slotted to $(\frac{3}{4} \times 2^{1}/2)$	nole (optional)
(3%)			
	ALTERNA	TE END SHOE	

. D-3 HIGHWAY DAMAGE REPAIR 2013

												- D-J m	JITTAL DAMAGE	. HERMIN ZOLD I
FILE NAME ≈	USER NAME = quigleyml	DESIGNED ~	REVISED -			PRE-N	AGS EF	FECTIV	E 4-1-06		F.A.	SECTION	COUNTY	TOTAL SHEET
c:\pw_work\pwidot\quigleym1\d0300564\D36	6Cl8-sht-details.dgn	DRAWN ~	REVISED -	STATE OF ILLINOIS		STEEL P	LATE B	BEAM (GUARDRAIL		VAP		VAR	37 19
	PLOT SCALE = 100.0000 '/ in.	CHECKED -	REVISED -	DEPARTMENT OF TRANSPORTATION	STANDARD 63000106		(Sheet 3 of 4)	TAIL		CONTRAC	T NO. 66C18			
	PLOT DATE = 3/26/2012	DATE -	REVISED -		SCALE:	SHEET NO.	OF	SHEET	S STA.	TO STA.	FED. ROAD DIST. NO	. ILLINOIS FED.		1 140. 00010
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