

Locknut

1/8" x E Slotted

RAIL SPLICE CONNECTION

AT EXPANSION JT.

Holes in hollow structural section

T	D	Α	В	С	Ε
≤4′′	212"	1'-8''	2"	4''	212"
>4''≤6 <sup>1</sup> 2''	334''	2'-0''	212"	5½"	312"
>6½''≤9''	5′′	2'-4''	32"	612"	9''
>9′′≤13′′	7''	2'-10''	412"	812"	11''
Rail Splice	4''	1'-8''	2"	4′′	_

T = Total movement at expansion joint as shown on the design plans.

## BILL OF MATERIAL

Item	Unit	Quantity	
Steel Railing, Type 2399	Foot	466.0	

(6'-3" Maximum Post Spacing) 7-1-10

Slotted Holes

BASE PLATE DETAIL

R-31

FILE NAME =	USER NAME = swartzrw	DESIGNED -	REVISED -			•
c:\pw_work\pwidot\swartzrw\d0186577\D774	469-sht-details.dgn	DRAWN -	REVISED -	STATE OF ILLINOIS		
	PLOT SCALE = 100.0000 '/ in.	CHECKED -	REVISED -	DEPARTMENT OF TRANSPORTATION		;
Default	PLOT DATE = 6/5/2014	DATE -	REVISED -		SCALE:	SHEET 3

PLAN-BOTT. SPLICE PL

TYPICAL

Hollow structural section

2½" Top Rail

2½" Bott. Rail

STEEL RAILING, TYPE 2399							F.A.I. S		
STRUCTURE NO. 025-0054						70	(26-5,26-		
31NOCIONE NO. 023-0034									
	SHEET	3	OF	4	SHEETS	STA.	TO STA		

 $^{5}8^{\prime\prime}$   $\phi$  x  $1^{3}4^{\prime\prime}$  Cap Screw

with flat washer &  $^{3}_{4}$ "  $\phi$ 

XS pipe spacer, '2" long.

ECTION COUNTY 92 65 6-5-1**,**25-1-1)R CONTRACT NO. 74469

•EFFINGHAM & FAYETTE