

T	D	Α	В	С	Ε
≤4′′	2'2"	1'-8''	2"	4''	212"
>4''≤6 ¹ 2''	334''	2'-0''	212"	5½"	312"
>6½''≤9''	5′′	2'-4"	312"	6½"	9''
>9′′≤13′′	7''	2'-10''	42"	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	462.0

(6'-3'' Maximum Post Spacing) R-31 7-1-10

Slotted Holes

BASE PLATE DETAIL

FILE NAME =	USER NAME = swartzrw	DESIGNED -	REVISED -	
c:\pw_work\pwidot\swartzrw\d0186577\D774	469-sht-details.dgn	DRAWN -	REVISED -	
,	PLOT SCALE = 100.0000 '/ in.	CHECKED -	REVISED -	
Default	PLOT DATE = 6/5/2014	DATE -	REVISED -	

Hollow structural section

2½" Top Rail

2½" Bott. Rail

PLAN-BOTT. SPLICE PL

TYPICAL

STATE OF ILLINOIS **DEPARTMENT OF TRANSPORTATION**

STEEL RAILING, TYPE 2399 STRUCTURE NO. 026-0079 SHEET 1 OF 4 SHEETS STA.

TO STA.

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

with flat washer & $^{3}4^{\prime\prime}$ ϕ

XS pipe spacer, '2" long.

Locknut

1^l8'' x E Slotted

SCALE:

RAIL SPLICE CONNECTION

AT EXPANSION JT.

Holes in hollow structural section

> •EFFINGHAM & FAYETTE SECTION COUNTY 92 63 70 (26-5,26-5-1,25-1-1)R CONTRACT NO. 74469