

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	458.0

(6'-3" Maximum Post Spacing)

Slotted Holes

BASE PLATE DETAIL

Hollow structural section

2½'' Top Rail

2½" Bott. Rail

PLAN-BOTT. SPLICE PL

TYPICAL

R-31 7-1-10 •EFFINGHAM & FAYETTE USER NAME = swartzrw DESIGNED -REVISED SECTION COUNTY STEEL RAILING, TYPE 2399 STATE OF ILLINOIS 469-sht-details.don DRAWN REVISED 92 64 70 (26-5,26-5-1,25-1-1)R STRUCTURE NO. 026-0080 PLOT SCALE = 100.0000 '/ in. CHECKED REVISED **DEPARTMENT OF TRANSPORTATION** CONTRACT NO. 74469 SCALE: SHEET 2 OF 4 SHEETS STA. TO STA. PLOT DATE = 6/5/2014 DATE REVISED

Locknut

1^l8'' x E Slotted

RAIL SPLICE CONNECTION

AT EXPANSION JT.

Holes in hollow structural section $^{5}8^{\prime\prime}$ ϕ x $1^{3}4^{\prime\prime}$ Cap Screw

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

XS pipe spacer, '2" long.