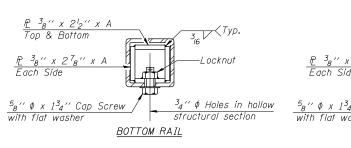
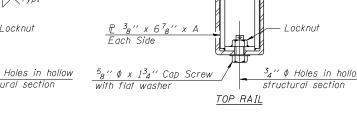
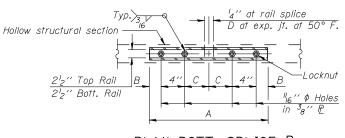


BASE PLATE DETAIL

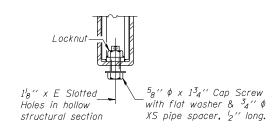




SECTIONS AT RAIL SPLICE



PLAN-BOTT. SPLICE P **TYPICAL**



RAIL SPLICE CONNECTION AT EXPANSION JT.

Shims shall be similar to base plates in size and holes.

All steel rail elements shall be galvanized according to Article 509.05 of the Standard Specifications.

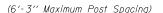
SPLICE DIMENSIONS

T	D	Α	В	С	Ε
≤4′′	212"	1'-8''	2''	4''	212"
>4''≤6 ¹ 2''	3 ³ 4''	2'-0"	2'2"	5'2"	32"
>6½''≤9''	5"	2'-4''	3'2"	62"	9''
>9′′≤13′′	7''	2'-10''	412"	8½''	11''
Rail Splice	1/2 "	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	82



ESCA CONSULTANTS, INC. CYCL & STRUCTURAL EMPRISHER	ŀ
	-

USER NAME = has		DESIGNED	-	JTS	01/12	REVISED	-
ESCA PROJECT NO. 988.10		CHECKED	-	JAF/RDP	02/12	REVISED	-
PLOT SCALE = 0:2 ':' / IN.		DRAWN	-	DWH	02/12	REVISED	-
PLOT DATE = 6/4/2014	8:11:44 AM	CHECKED	-	JTS	03/12	REVISED	-

STATE OF ILLINOIS **DEPARTMENT OF TRANSPORTATION**

					PE 2399 11-2021	
SHEET	NO.	5	OF	9	SHEETS	

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEE NO.
849	113B-1	JEFFERSON.	36	26
		CONTRACT	NO. 7	B210
	ILLINOIS FED. A	ID PROJECT		