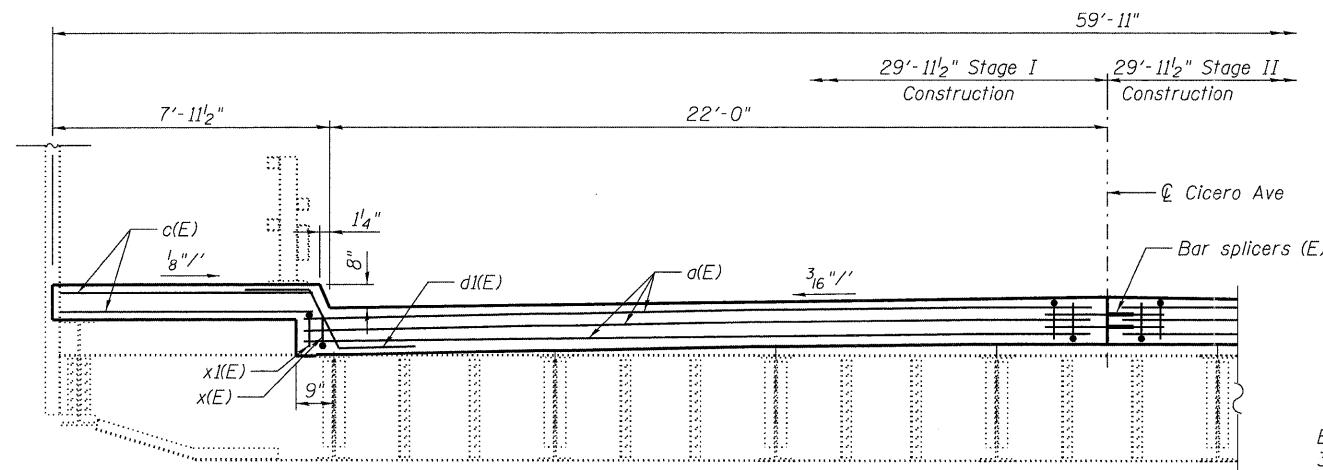


* Railing to be removed, stored and reattached as needed. Removal and reattachment of Railing included in Concrete Removal cost.

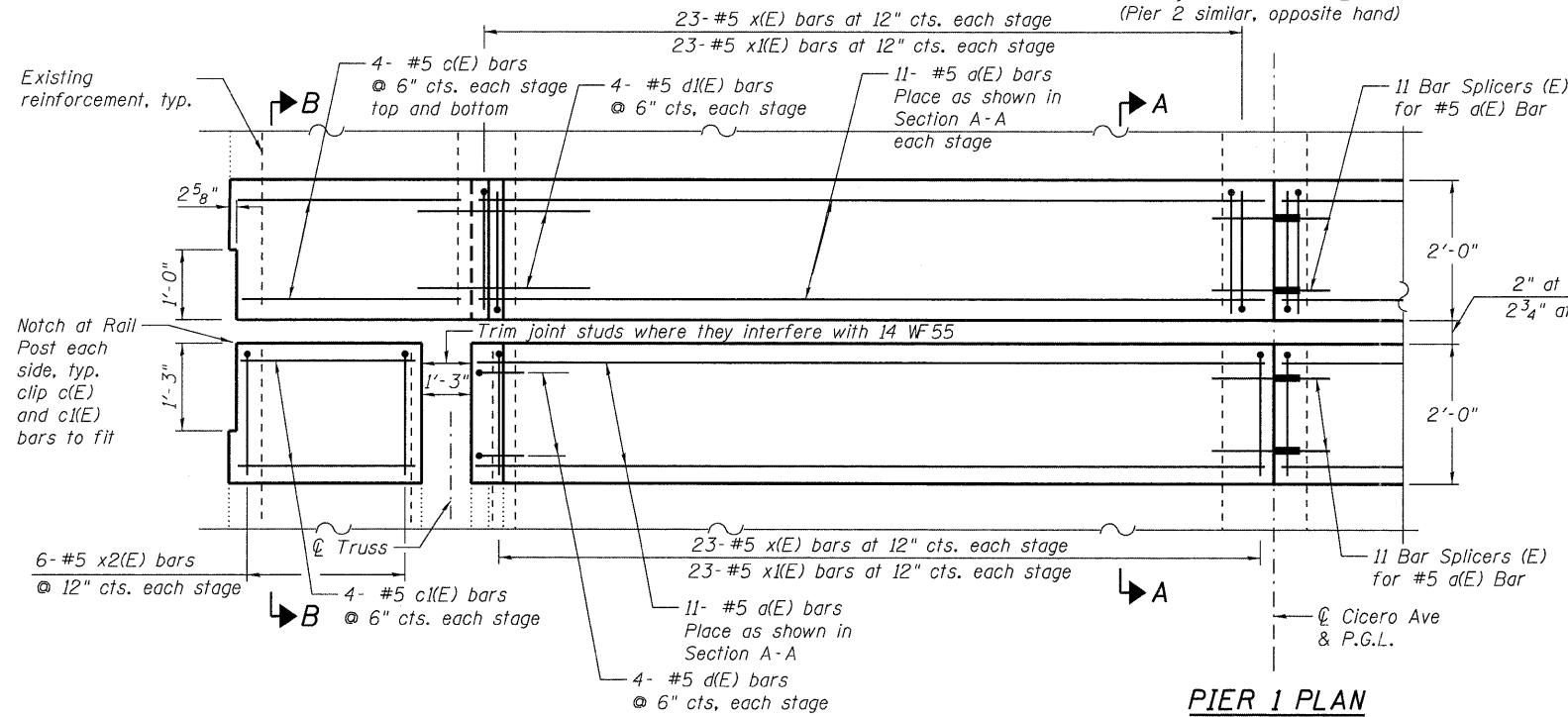
PIER 1 ELEVATION

Looking South
(Symmetrical about \bar{C})
(Pier 2 similar, opposite hand)



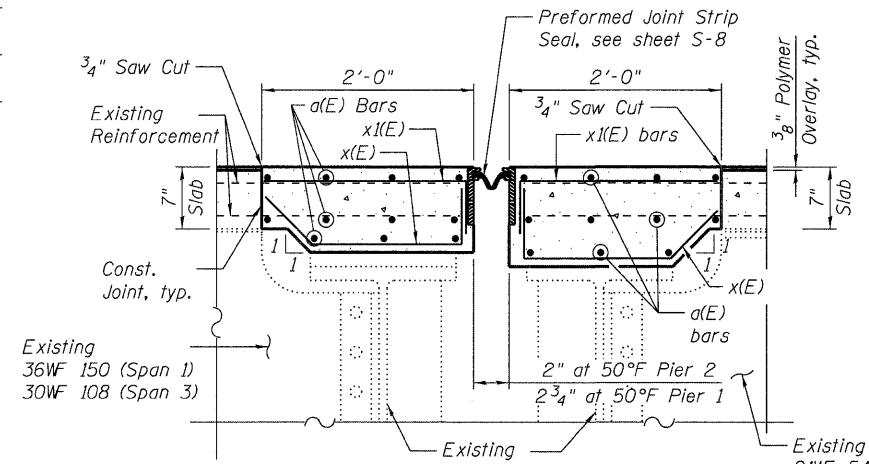
PIER 1 ELEVATION

Looking North
(Symmetrical about \bar{C})
(Pier 2 similar, opposite hand)



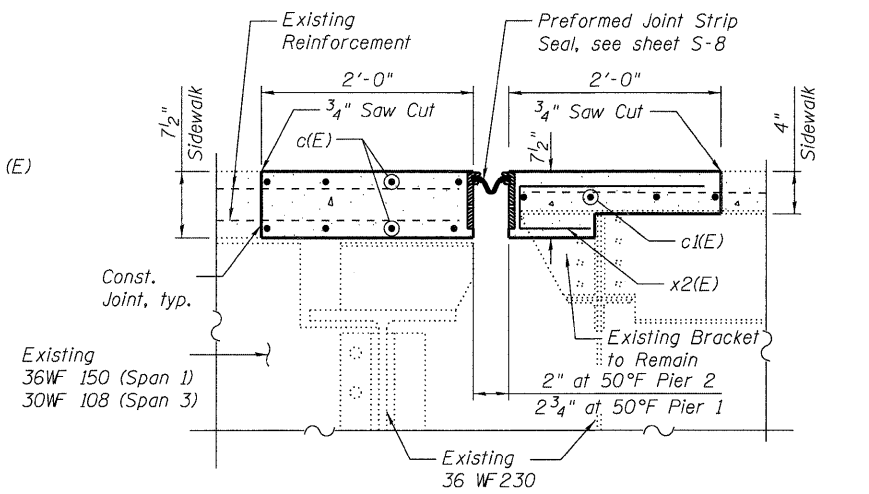
PIER 1 PLAN

(Pier 2 similar, by rotation)
(Symmetrical about \bar{C})



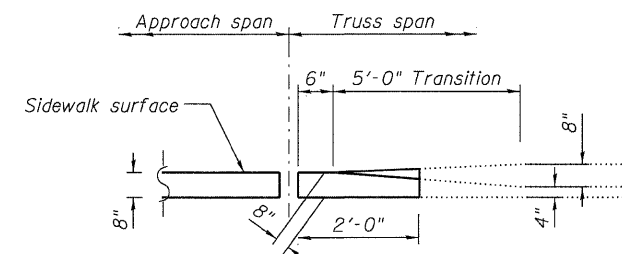
SECTION A-A

Thru Deck



SECTION B-B

Thru Sidewalk

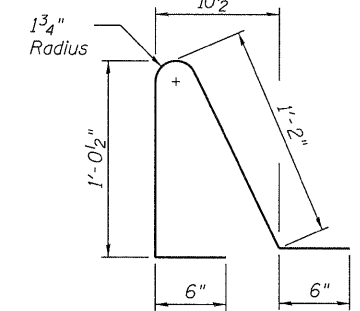


CURB TRANSITION DETAIL

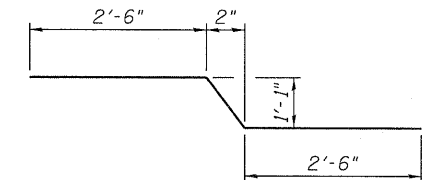
Elevation view

NOTES:

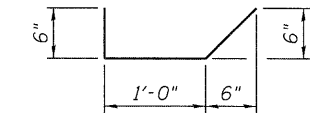
1. Work this sheet with sheets S-3 and S-6.
2. Existing reinforcement shown should be blast cleaned, straightened, and incorporated into new construction. Cost included with Concrete Removal.
3. For joint details see sheet S-8.
4. Perimeter of concrete removal areas shall be saw cut 3/4" prior to removal of the concrete.



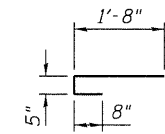
Bar d(E)



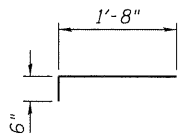
Bar d1(E)



Bar x(E)



Bar x2(E)



Bar x1(E)

BILL OF MATERIAL

Two Piers

Bar	No.	Size	Length	Shape
a(E)	88	#5	22'-7"	—
c(E)	32	#5	7'-7"	—
c1(E)	16	#5	5'-2"	—
d(E)	16	#5	3'-3"	⌒
d1(E)	16	#5	6'-1"	⌒
x(E)	184	#5	2'-2"	⌒
x1(E)	184	#5	2'-2"	⌒
x2(E)	24	#5	2'-9"	⌒
Concrete Superstructure		Cu. Yd.	11.8	
Bar Splicers		Each	44	
Reinforcement Bars, Epoxy Coated		Pound	3,470	
Protective Coat		Sq. Yd.	54	

N:\PROJ\103398\00\Design\Structural\CAD\03398\00 Joint Constr. Spans 1-2 & 2-3.dgn



USER NAME = ekhan
DESIGNED - BWS
CHECKED - AMK
DRAWN - RD
CHECKED - AMK
PLOT SCALE = 2/8" = 1' = 1/8"
PLOT DATE = 9/9/2011

DESIGNED - BWS
CHECKED - AMK
DRAWN - RD
CHECKED - AMK

REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

JOINT CONSTRUCTION, SPANS 1-2 & 2-3
STRUCTURE NO. 016-0421
SHEET NO. S-7 OF S-27 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	3068 A-B-R-1	COOK	57	30
			CONTRACT NO. 60N88	

ILLINOIS FED. AID PROJECT