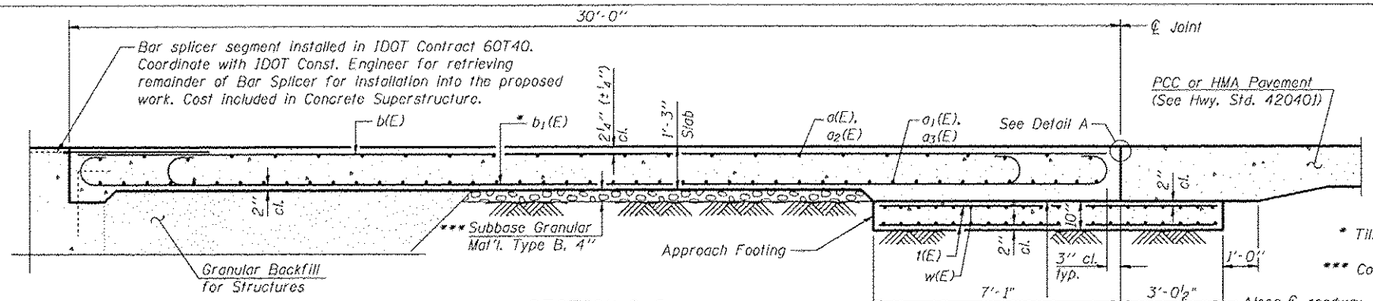
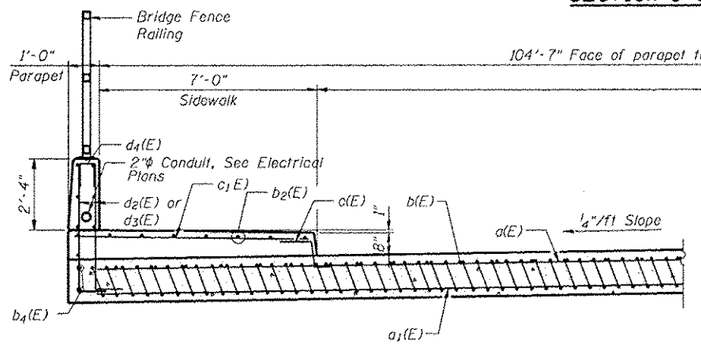


SECTION C-C

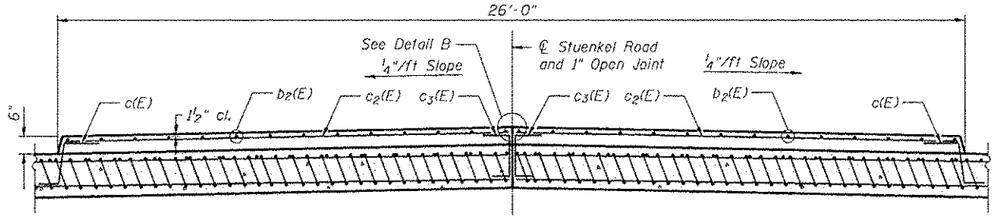
Notes:
See sheet SA-5 of SA-10 for Detail A.
Approach slab and parapet concrete shall be paid for as Concrete Superstructure.
Approach footing concrete shall be paid for as Concrete Structures.
Reinforcement shall be paid for as Reinforcement Bars, Epoxy Coated.
The approach footing maximum applied service bearing pressure (Qmax) = 2.0 ksf.
Cost of excavation for approach footing included with Concrete Structures.
For additional parapet details, see sheet SA-5 of SA-10.

* Tilt #9 b1(E) bars as required to maintain clearance.

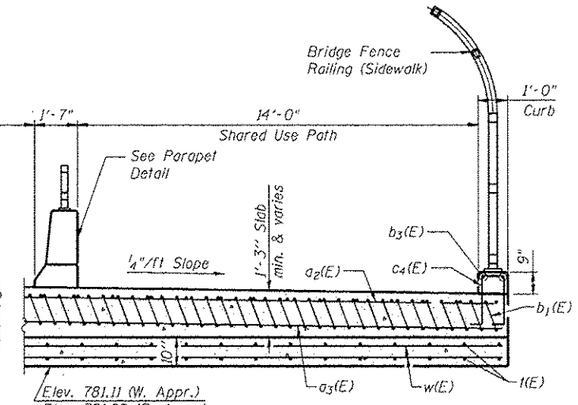
*** Cost included with Concrete Superstructure.



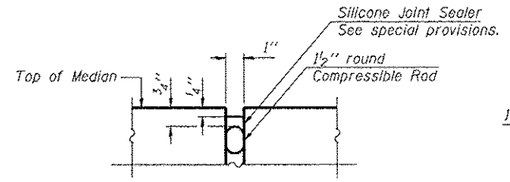
NEAR ABUTMENT



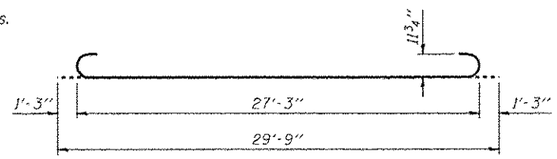
SECTION B-B
(See Plan for dimensions not shown)



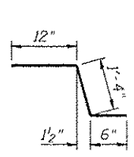
AT APPROACH FOOTING



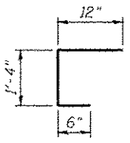
DETAIL B



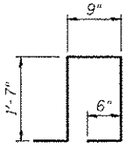
BAR b1(E)



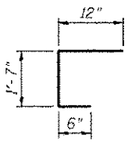
BAR c(E)



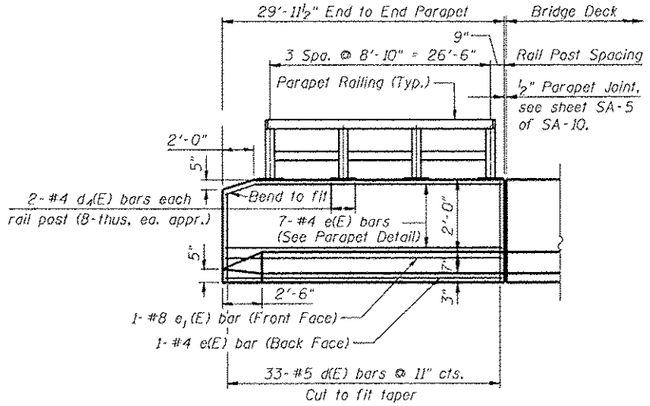
BAR c3(E)



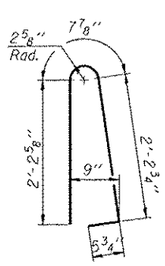
BAR c4(E)



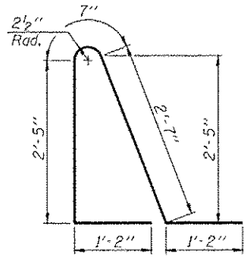
BAR c5(E)



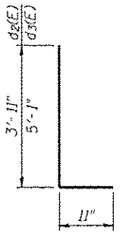
INSIDE ELEVATION OF S. PARAPET



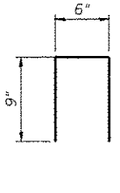
BAR d(E)



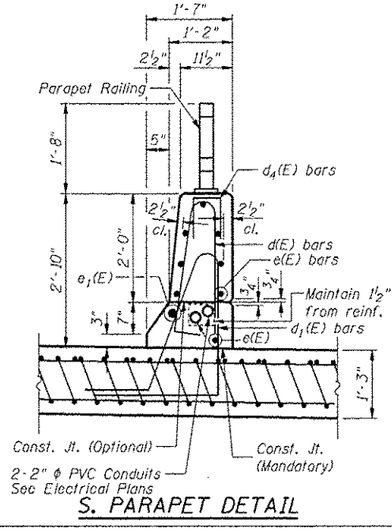
BAR d1(E)



BARS d2(E) & d3(E)



BAR d4(E)



S. PARAPET DETAIL

BILL OF MATERIAL - TWO APPROACHES

Bar	No.	Size	Length	Shape
a (E)	100	#4	26'-0"	
a1(E)	184	#5	26'-4"	
a2(E)	100	#4	30'-4"	
a3(E)	184	#5	30'-8"	
b (E)	172	#4	29'-9"	
b1(E)	508	#9	29'-9"	
b2(E)	74	#5	29'-8"	
b3(E)	4	#4	29'-8"	
b4(E)	4	#4	14'-8"	
c (E)	186	#5	2'-10"	
c1(E)	62	#5	7'-8"	
c2(E)	124	#5	12'-8"	
c3(E)	124	#5	2'-10"	
c4(E)	78	#4	4'-11"	
c5(E)	30	#5	3'-1"	
d (E)	66	#5	5'-7"	
d1(E)	66	#5	7'-11"	
d2(E)	44	#6	4'-10"	
d3(E)	20	#6	6'-0"	
d4(E)	24	#4	2'-0"	
e (E)	16	#4	29'-8"	
e1(E)	2	#8	29'-8"	
e2(E)	12	#4	13'-7"	
e3(E)	20	#4	3'-8"	
t (E)	424	#4	9'-9"	
w (E)	240	#5	38'-1"	
Concrete Superstructure			Cu. Yd.	390.8
Concrete Structures			Cu. Yd.	66.0
(1) Reinforcement Bars, Epoxy Coated			Pound	89,740

(1) 12,300 pounds billed in Substructure

TYLIN INTERNATIONAL	USER NAME =	DESIGNED - PK	REVISED - ⚠1 1/6/2014 S.P.
		CHECKED - SP	REVISED -
	PLOT SCALE =	DRAWN - PK	REVISED -
	PLOT DATE =	CHECKED - SP/PDF	REVISED -

⚠ Entire Sheet Revised

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BRIDGE APPROACH SLAB DETAILS
STRUCTURE NO. 099-0526
SHEET NO. SA-6 OF SA-10 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	99-1HB-R1	WILL	679	358
		CONTRACT NO. 60L69		
		ILLINOIS FED. AID PROJECT		

$FILES
$TIMES
$DATES