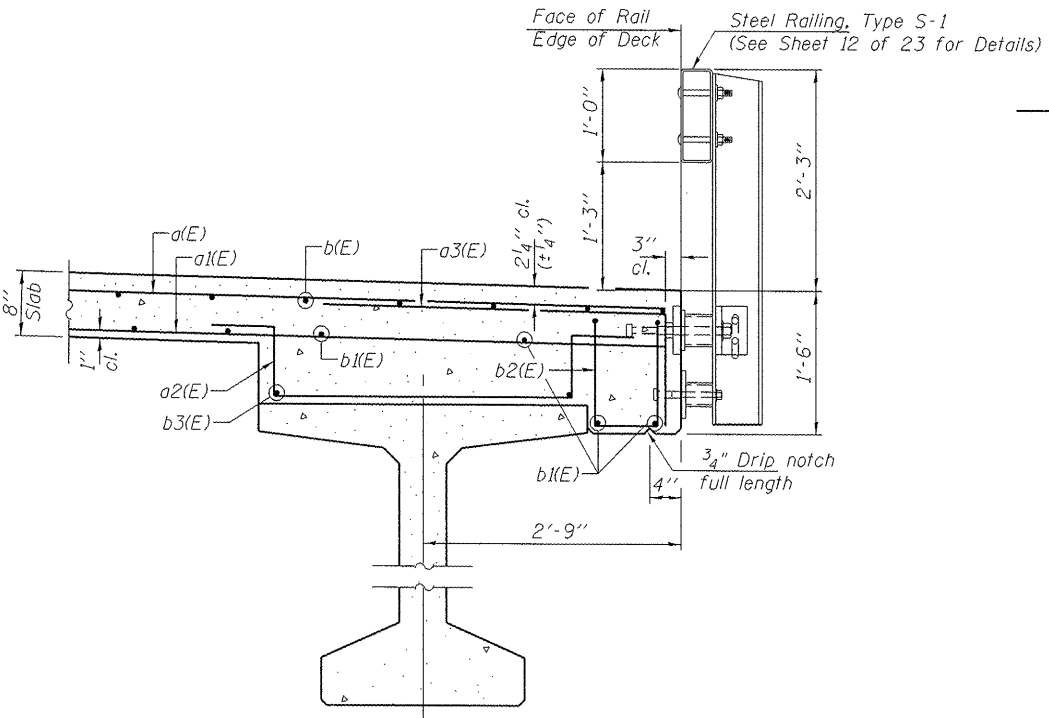
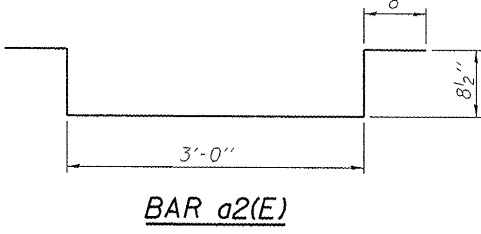
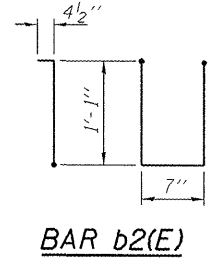
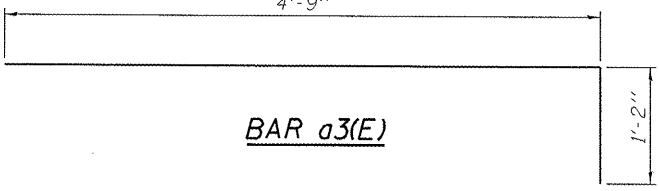
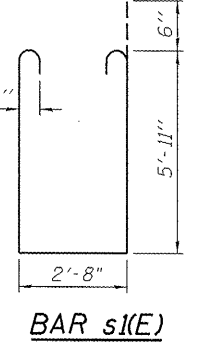
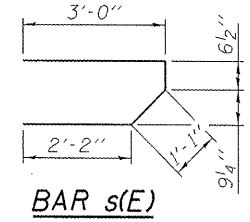
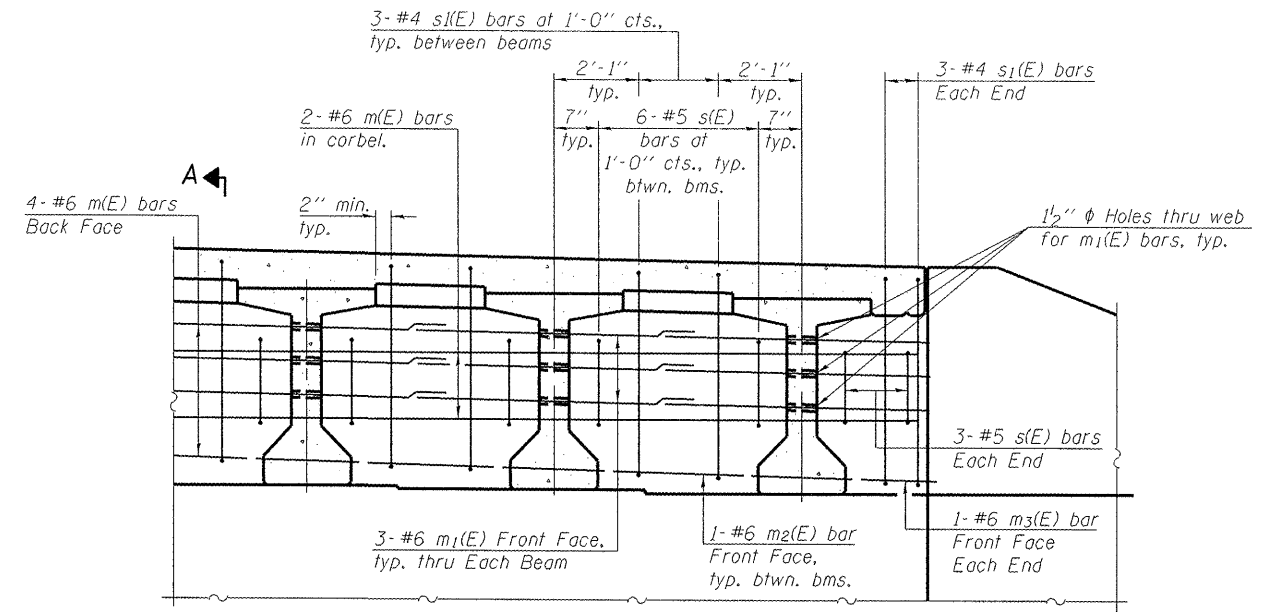


SECTION A-A
 Dimensions at right angles to abutment, except as shown.

Beam ends shall be set on an initial 1/2" min. grout (2:1 sand and portland cement, very dry mix) to provide full bearing. Any excess grout squeezed out from under the beam shall be removed. Cost included with Concrete Structures.



SECTION THRU OVERHANG



DIAPHRAGM ELEVATION AT ABUTMENT

SUPERSTRUCTURE BILL OF MATERIAL

Bar	No.	Size	Length	Shape	
a(E)	189	#5	23'-6"	—	
a1(E)	133	#5	23'-4"	—	
a2(E)	208	#4	5'-9"	U	
a3(E)	378	#5	5'-11"	—	
b(E)	75	#5	38'-6"	—	
b1(E)	84	#5	29'-6"	—	
b2(E)	190	#4	3'-6"	U	
b3(E)	16	#4	26'-0"	—	
m(E)	12	#6	23'-8"	—	
m1(E)	24	#6	9'-6"	—	
m2(E)	6	#6	3'-8"	—	
m3(E)	4	#6	1'-4"	—	
s(E)	48	#5	6'-10"	—	
s1(E)	30	#4	15'-6"	U	
v(E)	50	#5	3'-9"	—	
Reinforcement Bars, Epoxy Coated				Pound	18,980
Concrete Superstructure				Cu. Yds.	119.6

MIN. BAR LAP
 #5 bar = 2'-7"
 #6 bar = 3'-4"

Notes:
 Reinforcement bars in diaphragm are billed with superstructure. Concrete in diaphragm is included with Concrete Superstructure. The s(E) and s1(E) bars shall be placed parallel to the beams. Spacing for these bars shall be at right angles to the beams. See Sheet 7 of 23 for location of Section A-A.