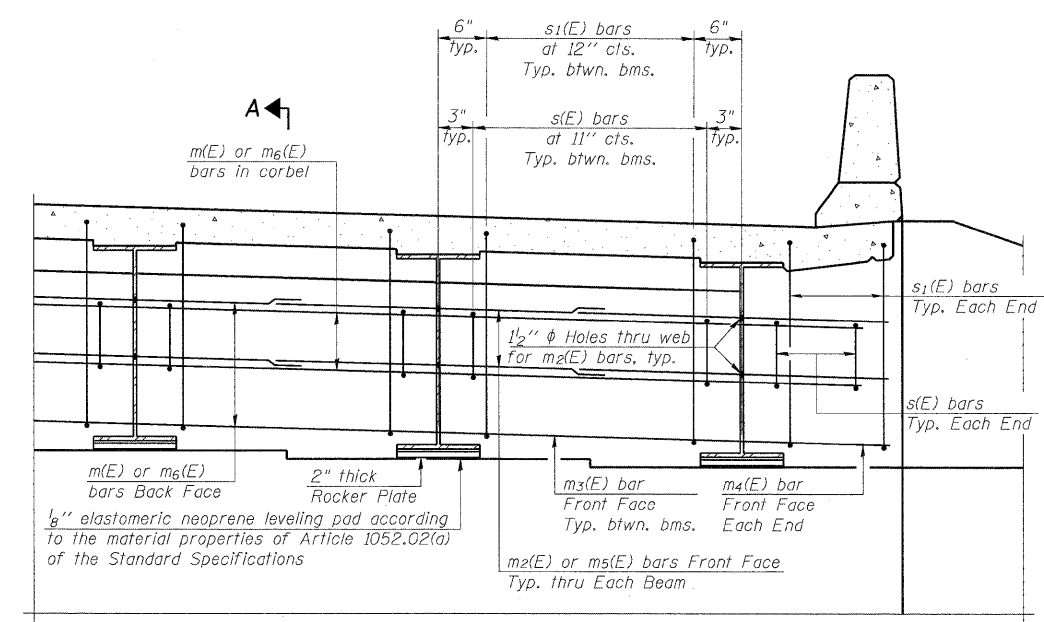
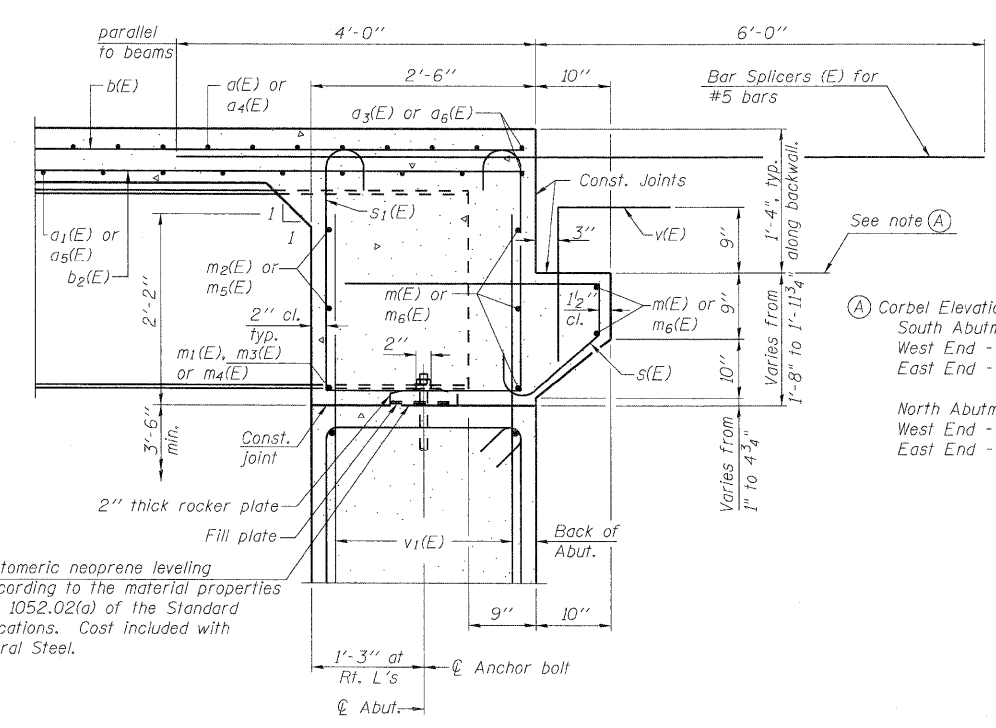


BILL OF MATERIAL

Bar	No.	Size	Length	Shape
a(E)	288	#5	25'-8"	
a ₁ (E)	173	#5	25'-0"	
a ₂ (E)	572	#6	6'-6"	
a ₃ (E)	4	#5	26'-7"	
a ₄ (E)	288	#5	21'-8"	
a ₅ (E)	173	#5	21'-0"	
a ₆ (E)	4	#5	22'-5"	
b(E)	312	#5	26'-2"	
b ₁ (E)	96	#6	31'-9"	
b ₂ (E)	215	#5	30'-11"	
d(E)	316	#5	5'-7"	
d ₁ (E)	316	#5	7'-11"	
e(E)	42	#4	15'-0"	
e ₁ (E)	84	#4	16'-0"	
e ₂ (E)	4	#8	25'-7"	
e ₃ (E)	8	#8	27'-1"	
e ₄ (E)	4	#4	24'-0"	
e ₅ (E)	8	#4	25'-6"	
m(E)	10	#6	26'-8"	
m ₁ (E)	2	#6	4'-10"	
m ₂ (E)	16	#6	10'-8"	
m ₃ (E)	10	#6	6'-11"	
m ₄ (E)	4	#6	2'-11"	
m ₅ (E)	12	#6	8'-6"	
m ₆ (E)	10	#6	22'-6"	
s(E)	112	#5	5'-5"	
s ₁ (E)	98	#4	8'-2"	
v(E)	96	#5	3'-6"	
Bridge Deck Grooving		Sq. Yd.	720	
Bar Splicers		Each	577	
Protective Coat		Sq. Yd.	845	
Concrete Superstructure		Cu. Yd.	237.0	
Reinforcement Bars, Epoxy Coated		Pound	57960	



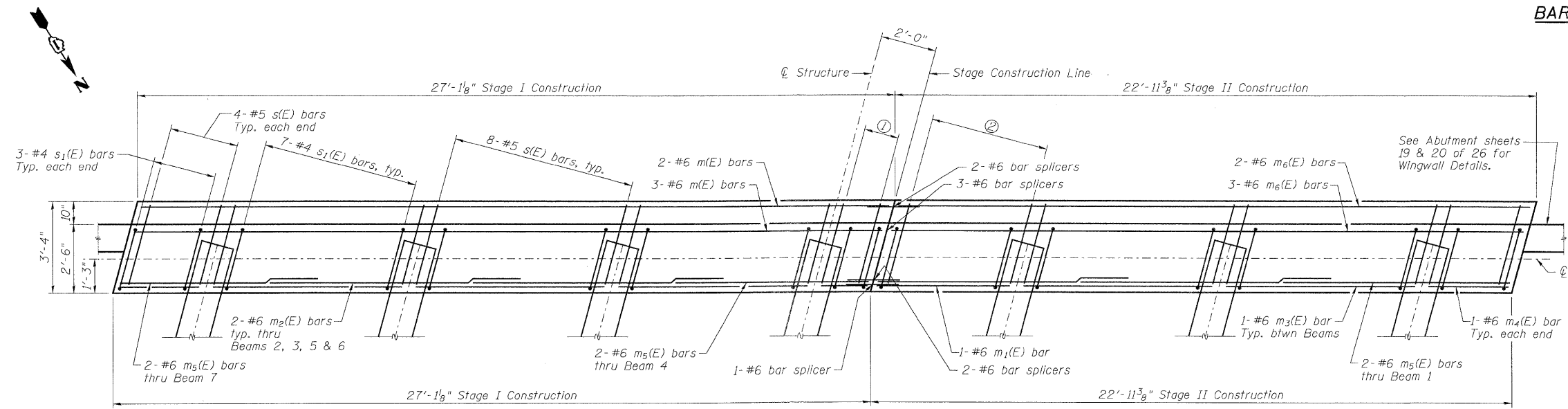
DIAPHRAGM ELEVATION AT ABUTMENT



SECTION A-A

Dimensions at right angles to abutment, except as shown.

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.
 For bearing details see sht 18 of 26.
 For location of holes thru web see Sheet 17 of 26.

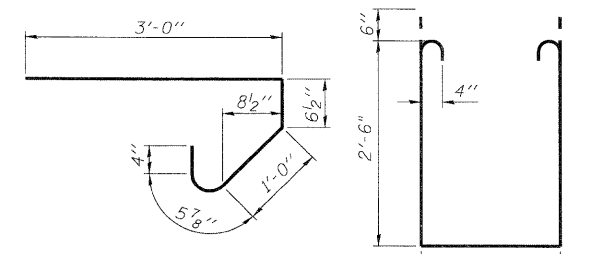


DIAPHRAGM PLAN

(South Abutment shown, North Abutment similar)

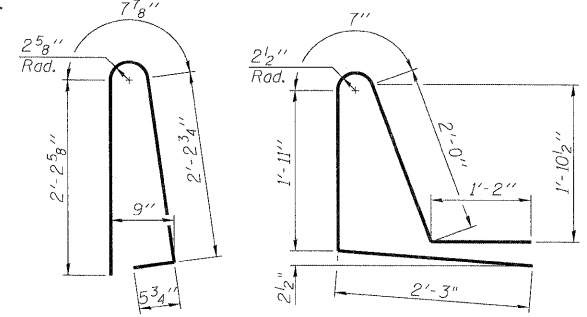
- ① 3- #5 s(E) bars, 3- #4 s₁(E) bars
- ② 5- #5 s(E) bars, 5- #4 s₁(E) bars

BAR v(E)



BAR s(E)

BAR s₁(E)



BAR d(E)

BAR d₁(E)

MIN BAR LAP

#6 bar = 3'-4"