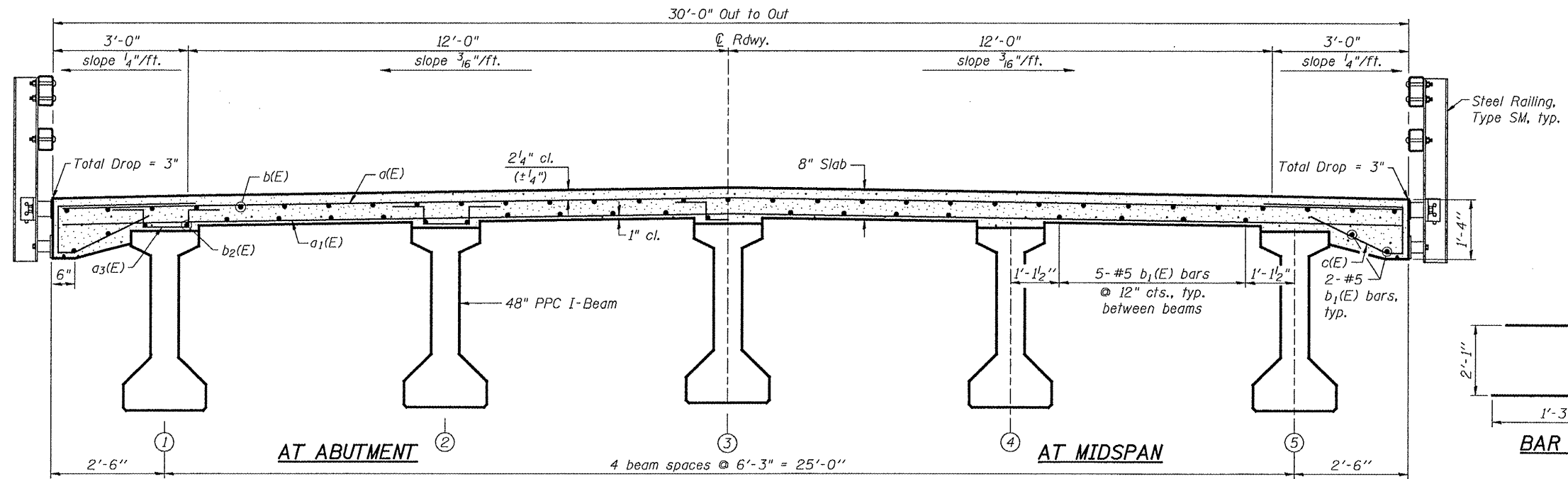


PLAN

**SUPERSTRUCTURE
BILL OF MATERIAL**

Bar	No.	Size	Length	Shape
a(E)	151	#5	29'-8"	—
a ₁ (E)	106	#5	29'-8"	—
a ₂ (E)	4	#5	30'-1"	—
a ₃ (E)	250	#4	3'-4"	└
b(E)	93	#5	31'-2"	—
b ₁ (E)	48	#5	45'-3"	—
b ₂ (E)	20	#4	27'-7"	—
c(E)	152	#6	7'-6"	└
m(E)	14	#6	30'-1"	—
m ₁ (E)	30	#6	9'-8"	—
m ₂ (E)	8	#6	4'-1"	—
m ₃ (E)	4	#6	1'-3"	—
s(E)	52	#5	6'-9"	└
s ₁ (E)	52	#4	12'-6"	└
u(E)	16	#6	4'-7"	└
v(E)	62	#5	3'-10"	└
Concrete Superstructure			Cu. Yd.	103.2
Bridge Deck Grooving			Sq. Yd.	272
Protective Coat			Sq. Yd.	292
Reinforcement Bars, Epoxy Coated			Pound	18,290
Bar Splicers			Each	62



**CROSS SECTION
(Looking East)**

MIN. BAR LAPS	
BAR	LAP
#4	2'-7"
#5	3'-3"
#6	3'-10"

NOTES:

- For Section A-A and Diaphragm Details, see Structural Sheet 8 of 17.
- See Structural Sheet 14 of 17 for Steel Railing Details.
- Bars indicated thus 31 x 3-#5 etc. indicates 31 lines of bars with 3 lengths per line.
- * Order a(E) and a₁(E) bars full length. Cut to fit skew and use remainder of bars in opposite end.
- ** Required where fillet exceeds 2 1/2", exact number of a₃(E) bars & length of b₂(E) bars to be determined during construction.
- For Bar Splicer Details see Structural Sheet 15 of 17.

