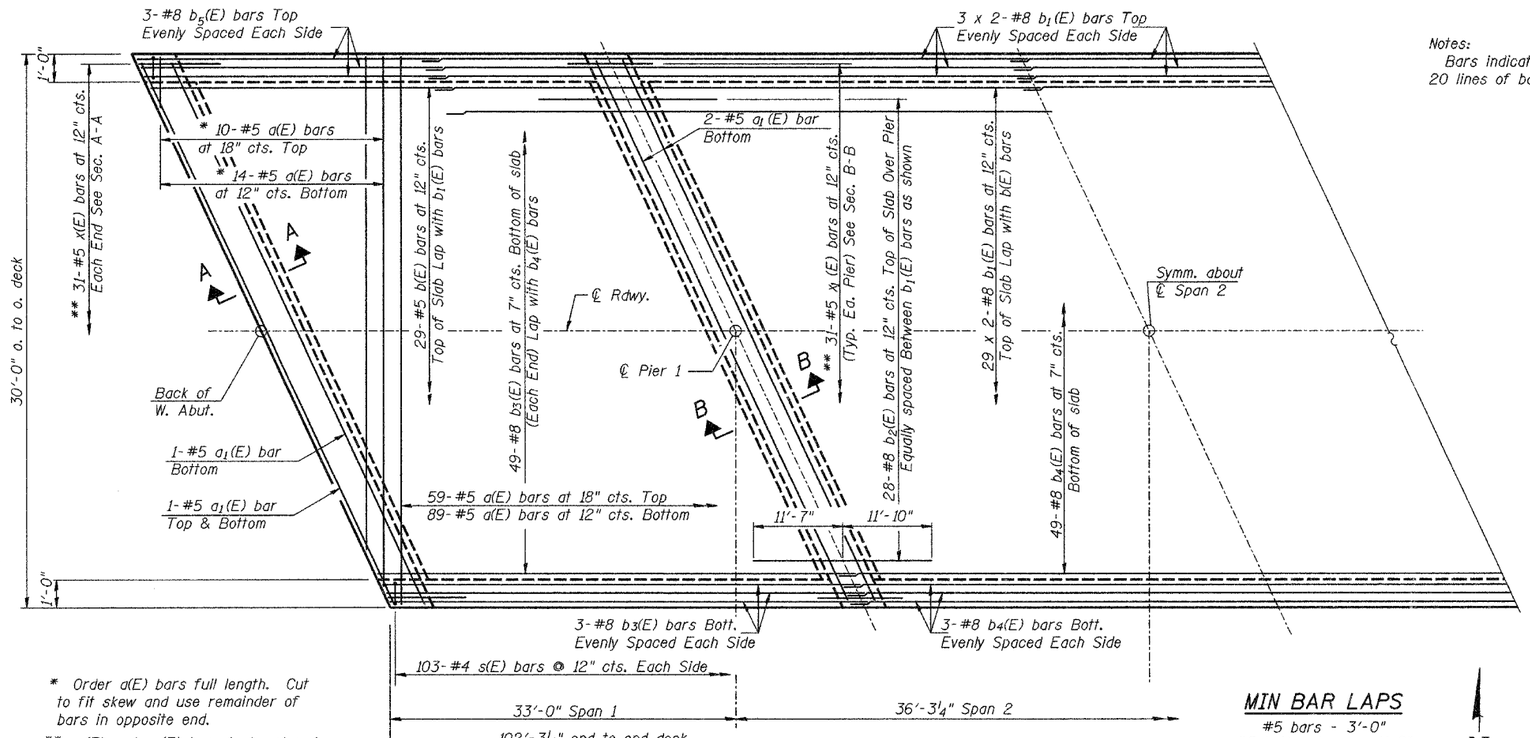
ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CH 9	*	IROQUOIS	17	8
FED. ROAD DIST. NO. 7	ILLINOIS	PROJECT	BRS-334(112)	
*04-00052-03-BR		CONTRACT #87357		

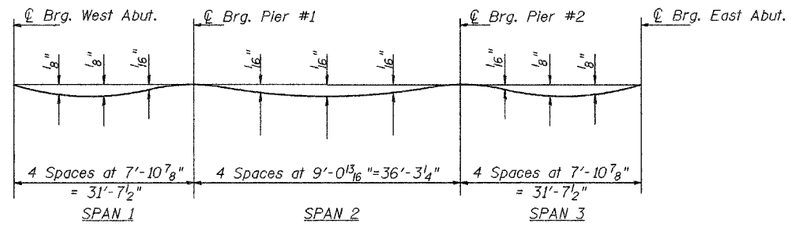


PLAN

* Order a(E) bars full length. Cut to fit skew and use remainder of bars in opposite end.

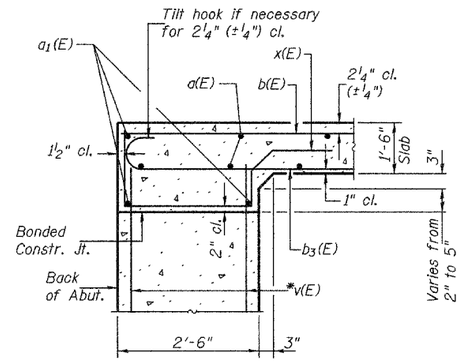
** x(E) and x1(E) bars to be placed parallel to ℄ Roadway.

Notes:
Bars indicated thus 20 x 3-#5 etc. indicates 20 lines of bars with 3 lengths per line.

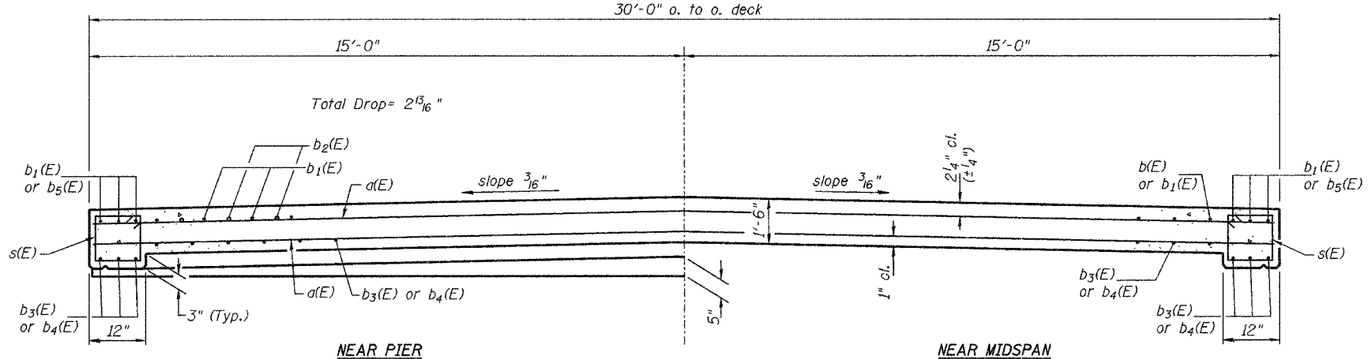


DEAD LOAD DEFLECTION DIAGRAM
(Includes weight of concrete slab)

MIN BAR LAPS
#5 bars - 3'-0"
#8 bottom bars - 4'-6"
#8 top bars - 6'-4"

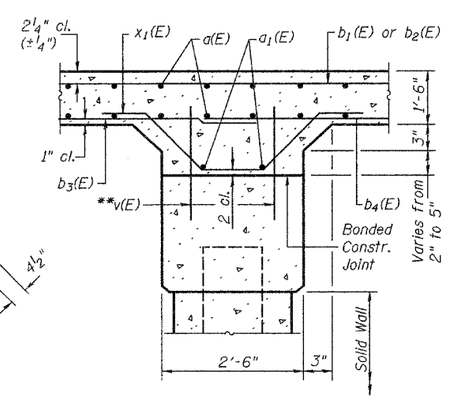


SECTION A-A
All dimensions are at right angles to abutment
*v(E) bars billed with abutments.
See sheet 5 of 8



NEAR PIER NEAR MIDSPAN

CROSS SECTION

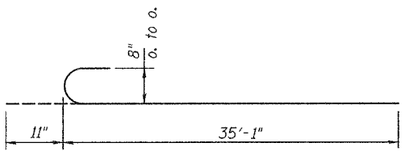


SECTION B-B
All dimensions are at right angles to pier.
**v(E) bars billed with piers. See sheet 6 of 8.

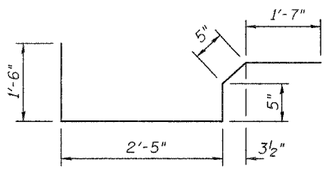
SUPERSTRUCTURE BILL OF MATERIAL

BAR	NO.	SIZE	LENGTH	SHAPE
a(E)	172	#5	29'-9"	
a1(E)	10	#5	32'-10"	
b(E)	58	#5	16'-10"	
b1(E)	70	#8	40'-6"	
b2(E)	56	#8	23'-5"	
b3(E)	110	#8	36'-0"	
b4(E)	55	#8	40'-9"	
b5(E)	12	#8	20'-2"	
s(E)	206	#4	5'-2"	
x(E)	62	#5	6'-4"	
x1(E)	62	#5	6'-9"	
Concrete Superstructure			CU YD	179.0
① Reinforcement Bars, Epoxy Coated			POUND	36,530

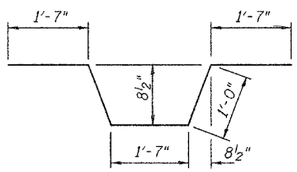
① See Special Provisions



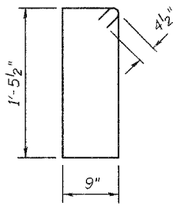
BAR b3(E)



BAR x(E)



BAR x1(E)



BAR s(E)

SUPERSTRUCTURE
C.H. 9 OVER MUD CREEK
SECTION 04-00052-03-BR
IROQUOIS COUNTY
STATION 39+90.04

22618002