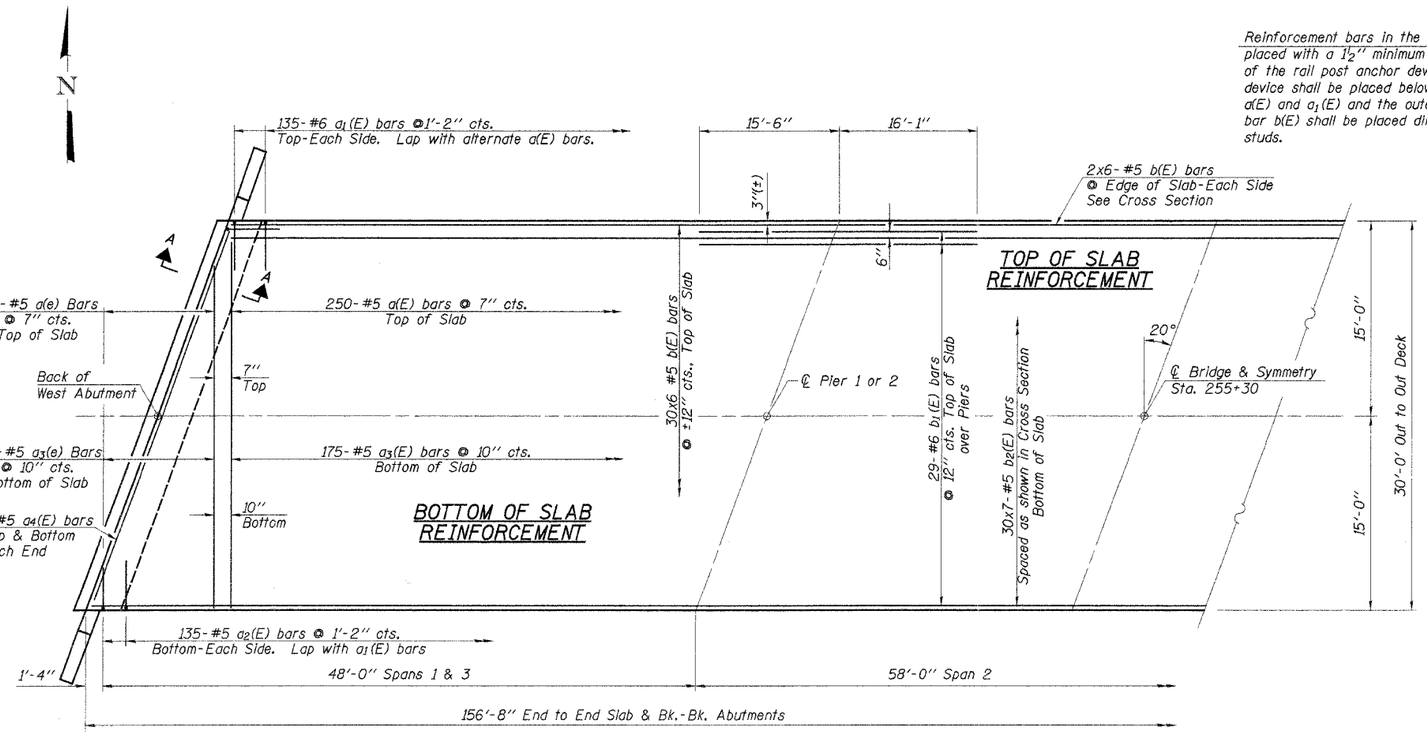
ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
C.H. 5	04-00163-00-BR	STEPHENSON	29	11
	ILLINOIS			

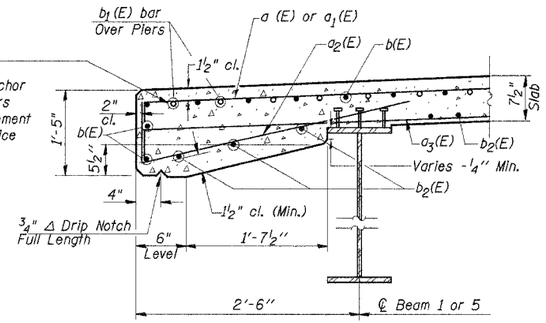
Sheet 6 of 20 CONTRACT NO. 85391



*Order a(E) & a3(E) bars full length. Cut to fit skew and remainder of bars in opposite end of slab.

HALF PLAN

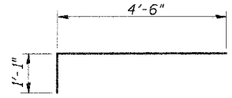
Reinforcement bars in the top of the deck shall be placed with a 1½" minimum clearance in the area of the rail post anchor devices. The studs of the anchor device shall be placed below the top reinforcement bars a(E) and a_1(E) and the outermost longitudinal reinforcement bar b(E) shall be placed directly above the anchor device studs.



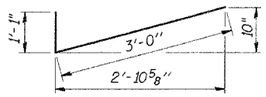
SECTION THRU EDGE OF SLAB

MIN. BAR LAPS

#5 1'-8"
#6 2'-0"



BAR a_1(E)



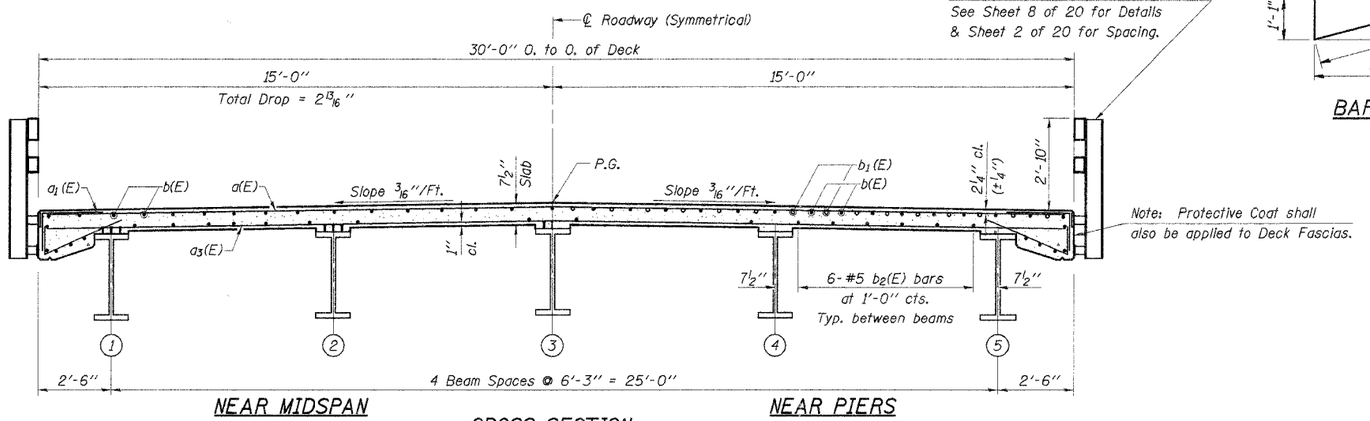
BAR a_2(E)

SUPERSTRUCTURE BILL OF MATERIAL

Bar	No.	Size	Length	Shape
a (E)	268	#5	29'-8"	——
a_1(E)	270	#6	5'-7"	⌐¬
a_2(E)	270	#5	4'-1"	◺
a_3(E)	188	#5	29'-4"	——
a_4(E)	4	#5	31'-7"	——
b(E)	204	#5	27'-6"	——
b_1(E)	58	#6	31'-7"	——
b_2(E)	210	#5	23'-9"	——
m(E)	10	#6	31'-8"	——
m_1(E)	20	#6	8'-8"	——
m_2(E)	8	#6	6'-4"	——
m_3(E)	4	#6	2'-6"	——
s(E)	68	#5	5'-9"	◺
s_1(E)	60	#4	8'-4"	⌐⌐
Protective Coat		Sq. Yd.	571	
Conc. Superstructure		Cu. Yd.	146.3	
Reinforcement Bars, Epoxy Coated		Pound	32,960	
Bridge Deck Grooving		Sq. Yd.	522	

Reinforcement Bars designated (E) shall be epoxy coated.

Bars indicated thus 20x3-#5 etc. indicates 20 lines of bars with 3 lengths per line.



NEAR MIDSPAN NEAR PIERS

CROSS SECTION
(Looking East)

Work this Sheet with Sheet 7 of 20.

DESIGNED	A.R.K.
CHECKED	S.F.M. & F.J.S.
DRAWN	S.A.P.
CHECKED	A.R.K. & F.J.S.

SUPERSTRUCTURE

SECTION 04-00163-00-BR
F.A.S. ROUTE 60 - C.H. 5
STEPHENSON COUNTY
STATION 255+30

4440 ASH GROVE
SPRINGFIELD, IL. 62711
(217) 793-8600
oasinc@insightbb.com

OZYURT AND STONE, INC.
CONSULTING ENGINEERS

JOB NO.: 0527
FILE: 0527SUPER1.DGN
DATE: 03/07/06