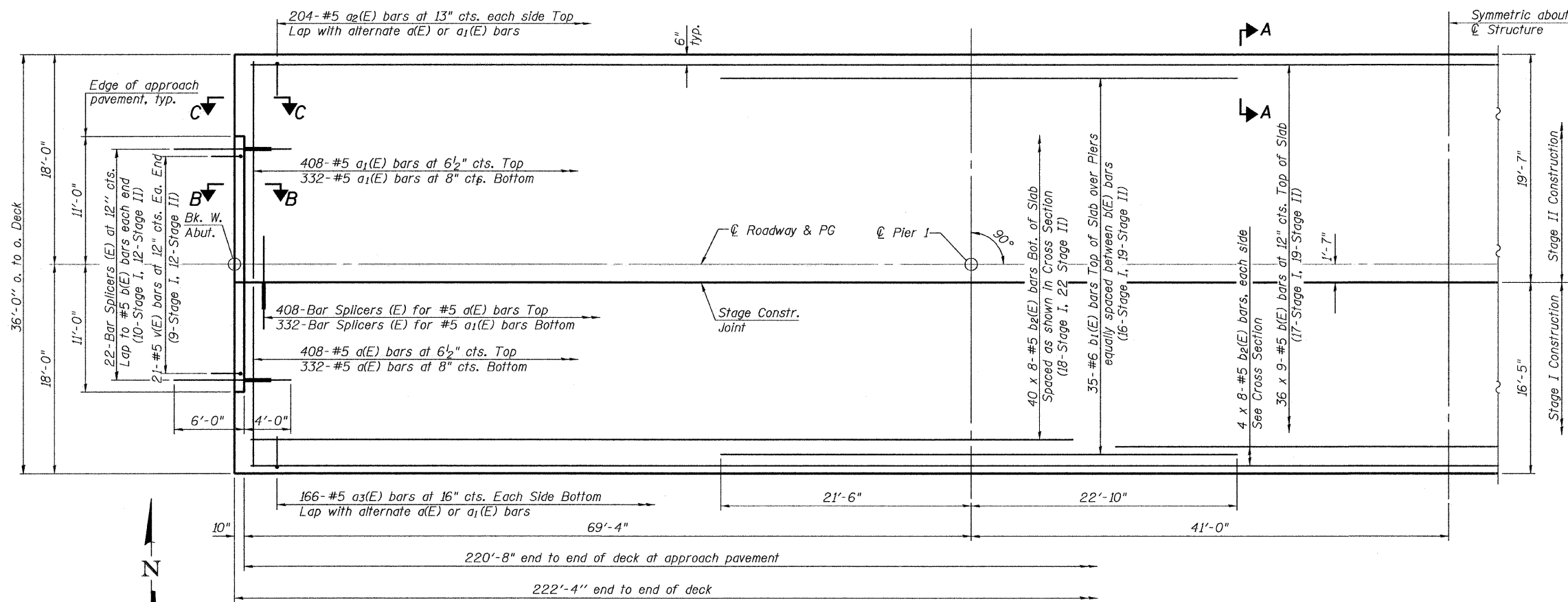
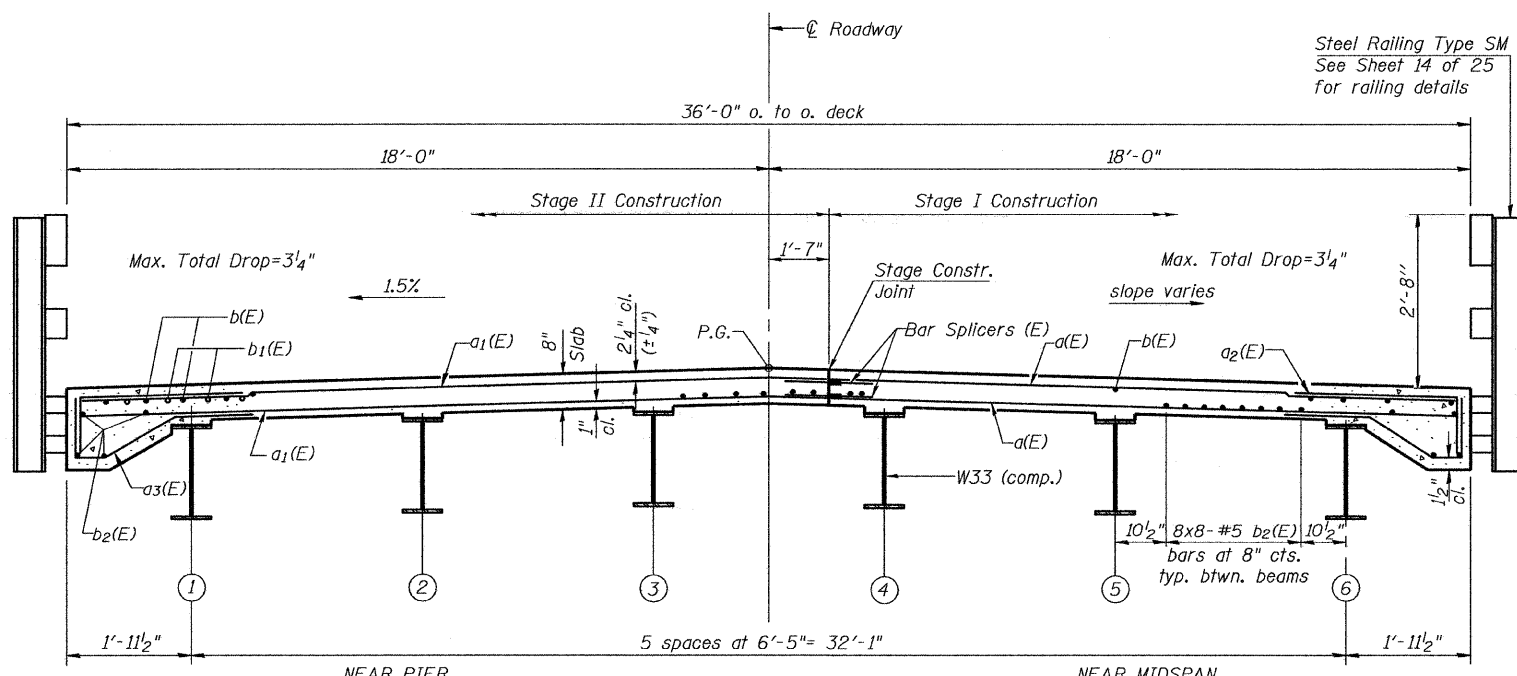


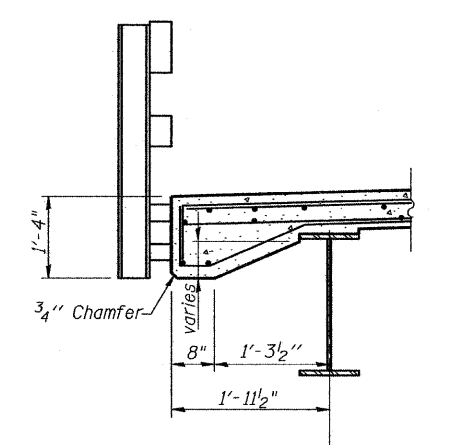
Contract #87376 *05-00039-03-BR



PLAN



CROSS SECTION
Looking East



SECTION A-A

SUPERSTRUCTURE
BILL OF MATERIAL

Bar	No.	Size	Length	Shape
a(E)	740	#5	16'-1"	—
a1(E)	740	#5	19'-3"	—
a2(E)	408	#5	5'-0"	┌
a3(E)	332	#5	5'-3"	┌
b(E)	324	#5	26'-0"	—
b1(E)	70	#6	44'-4"	—
b2(E)	384	#5	29'-0"	—
m(E)	10	#6	15'-11"	—
m1(E)	10	#6	19'-1"	—
m2(E)	12	#6	7'-2"	—
m3(E)	12	#6	8'-3"	—
m4(E)	8	#6	1'-4"	—
m5(E)	20	#6	6'-1"	—
s(E)	92	#5	6'-7"	┌
s1(E)	72	#4	8'-9"	┌
u(E)	46	#5	2'-10"	┌
u1(E)	32	#5	8'-1"	┌
v(E)	42	#5	3'-3"	┌
Reinforcement Bars, Epoxy Coated			Pound	58880
Concrete Superstructure			Cu. Yd.	238.1
Bar Splicers			Each	808

NOTES

Reinforcement bars in the top of the deck shall be placed with a 1/2" minimum clearance in the area of the rail post anchor devices. The studs of the anchor devices shall be placed below the top reinforcement bars and the outermost longitudinal reinforcement bar shall be placed directly above the studs of the rail post anchor device.
See Sheet 13 of 25 for Diaphragm Elevation at Abutment, Section B-B, Section C-C and Bar Details.
Bars indicated thus 6 x 15-#5 etc. indicates 6 lines of bars with 15 lengths per line.
Provide utility conduit thru diaphragm and hanger locations similar to existing conditions. Coordinate with utility Engineer.
See sheet 14 of 25 for Rail Post Locations to locate Anchor Device.

MIN. BAR LAP

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

PLOT DATE = 10/21/2009
FILE NAME = \\vbb\bridge-plans\87376-12.dgn
PLOT SCALE = 5/8"=1'-0" / IN.
USER NAME = DFC.

ILLINOIS DEPARTMENT OF TRANSPORTATION		
SHEET TITLE SUPERSTRUCTURE		
PROJECT F.A.S. RT. 287 (C.H. 29) SECTION 05-00039-03-BR GRUNDY COUNTY STATION 126+42.00 STRUCTURE NO. 032-3101	PROJECT NO. 05042	SCALE DATE 10/21/09 DRAWN BY TFG CHECKED BY CME/MCB DRAWING NO.
COOMBE-BLOXDORF P.C. Engineers / Land Surveyors Springfield, Illinois Design Firm License No. 184-002703		12 OF 25 SHTS