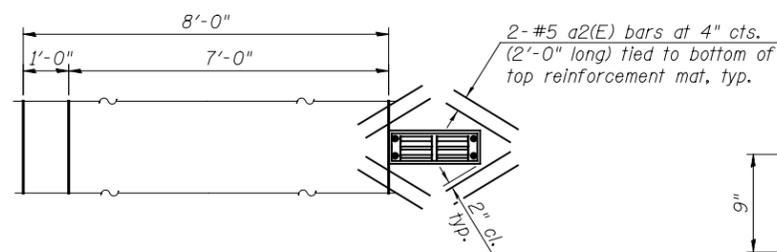
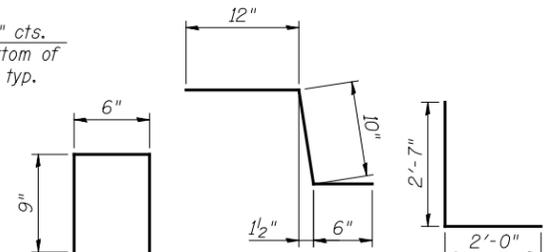


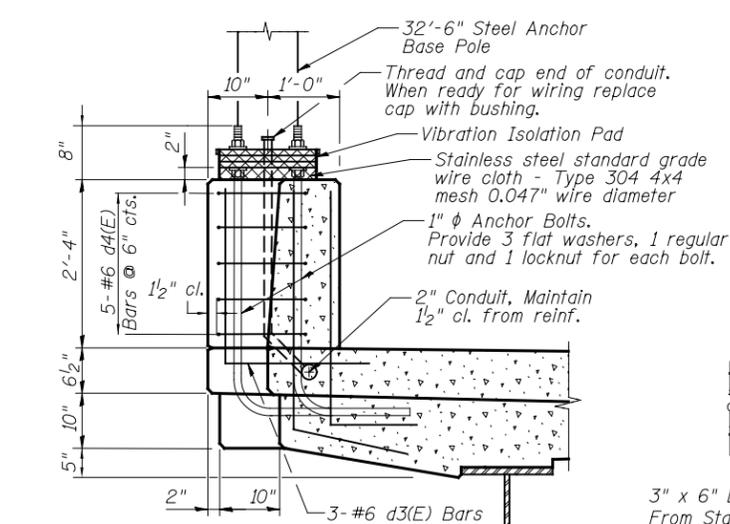
**SECTION THRU SIDEWALK**



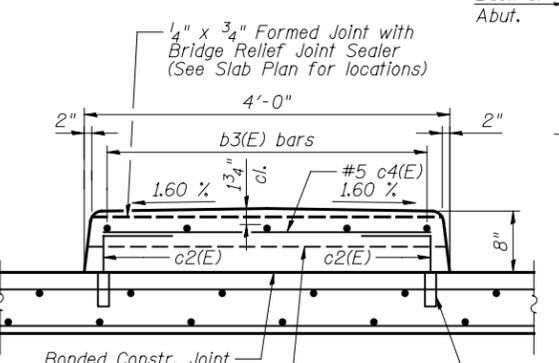
**PLAN AT SCUPPER LOCATIONS**



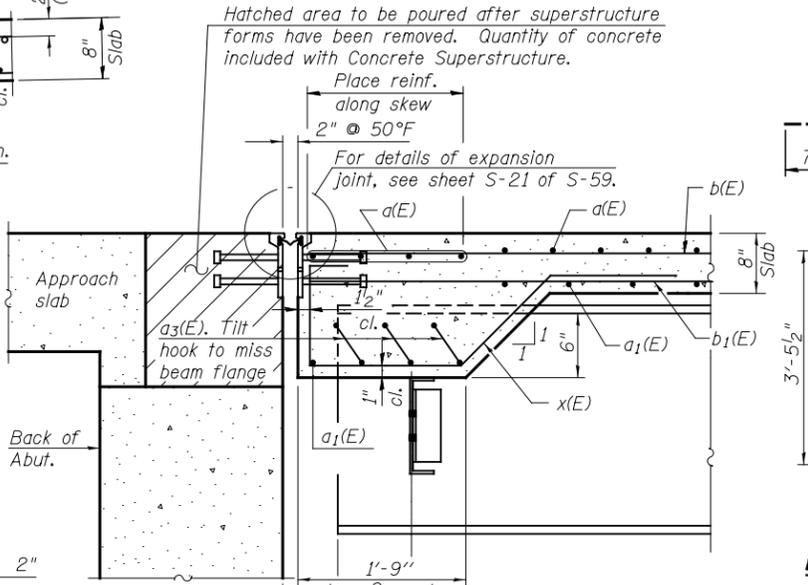
**BAR d2(E) BAR c(E) BAR d3(E)**



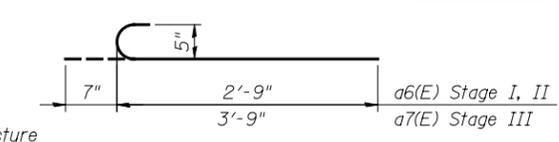
**LIGHT POLE MOUNTING SECTION**



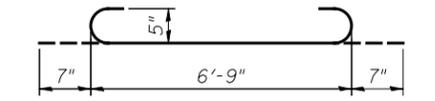
**SECTION THRU MEDIAN**



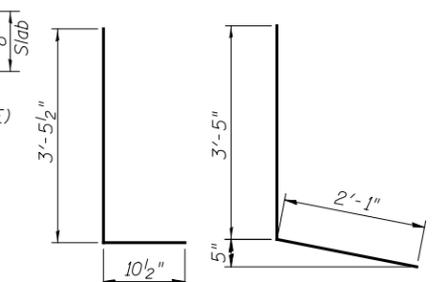
**SECTION A-A**



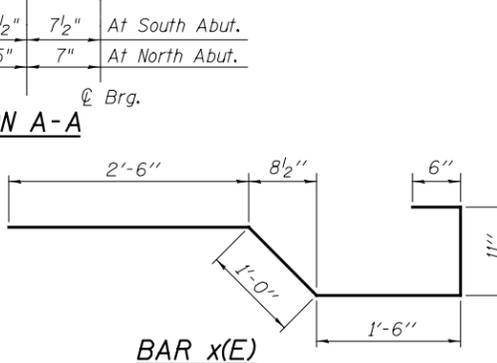
**a6(E), a7(E) BARS**



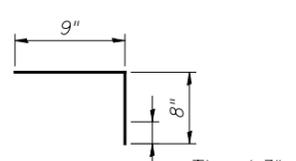
**a3(E) BAR**



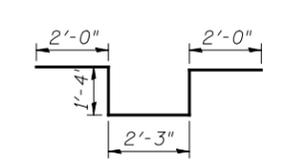
**BAR d1(E) BAR d(E)**



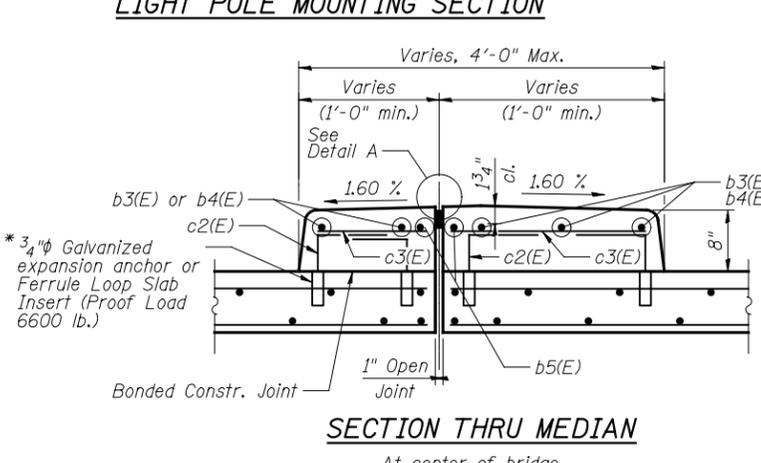
**BAR x(E)**



**BAR c2(E)**

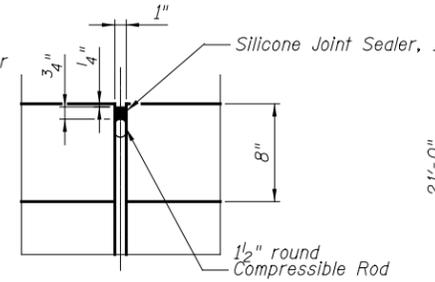


**BAR d4(E)**

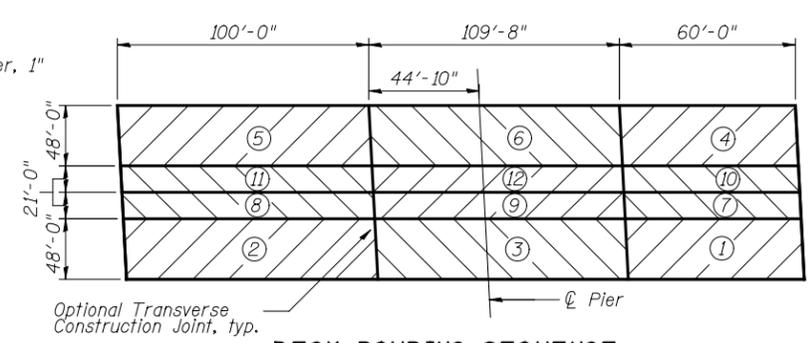


**SECTION THRU MEDIAN**

At center of bridge



**DETAIL A**



**DECK POURING SEQUENCE**

**SUPERSTRUCTURE BILL OF MATERIAL**

Bar	No.	Size	Length	Shape
a(E)	1096	#5	47'-6"	—
a1(E)	652	#5	46'-0"	—
a2(E)	80	#5	2'-0"	—
a3(E)	96	#5	7'-11"	—
a4(E)	1748	#5	20'-7"	—
a5(E)	1080	#5	6'-6"	—
a6(E)	12	#5	3'-4"	—
a7(E)	12	#5	4'-4"	—
b(E)	1600	#5	29'-4"	—
b1(E)	1342	#5	26'-10"	—
b2(E)	414	#6	34'-11"	—
b3(E)	45	#5	28'-11"	—
b4(E)	15	#5	21'-7"	—
b5(E)	2	#5	44'-7"	—
c(E)	540	#5	2'-4"	—
c1(E)	540	#5	7'-8"	—
c2(E)	600	#5	1'-5"	—
c3(E)	44	#5	3'-6"	—
c4(E)	212	#5	3'-5"	—
d(E)	568	#4	5'-6"	—
d1(E)	568	#6	4'-4"	—
d2(E)	124	#4	2'-0"	—
d3(E)	12	#6	4'-7"	—
d4(E)	20	#6	8'-11"	—
e(E)	16	#4	18'-2"	—
e1(E)	16	#4	16'-11"	—
e2(E)	24	#4	17'-6"	—
e3(E)	88	#4	19'-8"	—
e4(E)	40	#4	16'-6"	—
e5(E)	24	#4	14'-8"	—
e6(E)	32	#4	15'-9"	—
x(E)	264	#5	6'-5"	—
Concrete Superstructure			Cu. Yd.	204.7
Bridge Deck Grooving			Sq. Yd.	3,416
Protective Coat			Sq. Yd.	4,403
Reinforcement Bars, Epoxy Coated			Pound	259,830
Silicone Joint Sealer, 1"			Foot	275
Bar Splicers			Each	1754
Bridge Deck (Shrinkage Reducing Admixture)			Cu. Yd.	966.6

Notes:  
 Deck concrete is included with the pay item "Bridge Deck (Shrinkage Reducing Admixture)". Concrete for parapets, sidewalks, and median barrier is included with the pay item "Concrete Superstructure".  
 When the deck pour is stopped for the day at one or more of the transverse bonded construction joints in the deck pouring sequence as shown, the next pour shall not be made until both of the following are met:  
 1) At least 72 hours shall have elapsed from the end of the previous pour.  
 2) The concrete strength shall have attained a minimum flexural strength of 650 psi and a minimum compressive strength of 3500 psi.  
 3) Sections ⑦ & ⑩, ⑨ & ⑫, and ⑧ & ⑪ can be poured at the same time.



PATRICK ENGINEERING INC. 4970 VARSITY DRIVE LISLE, IL 60532 patrickengineering.com	USER NAME =	DESIGNED - AD	REVISED
	PLOT SCALE =	DRAWN - AD	REVISED
		CHECKED - RDW	REVISED
		DATE - 2/18/2013	REVISED

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**DECK DETAILS II  
STRUCTURE NO. 016-1250**

SCALE: NONE SHEET NO. S20 OF S59 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2746	1616B	COOK	404	289
CONTRACT NO. 60J14				

ILLINOIS FED. AID PROJECT