



PLAN

**SUPERSTRUCTURE  
BILL OF MATERIAL**

Bar	No.	Size	Length	Shape	
a (E)	23	#5	12'-0"	—	
a <sub>1</sub> (E)	239	#6	31'-8"	—	
a <sub>2</sub> (E)	259	#7	32'-7"	—	
a <sub>3</sub> (E)	32	#5	2'-0"	—	
a <sub>4</sub> (E)	20	#6	11'-6"	—	
b (E)	58	#5	22'-6"	—	
b <sub>1</sub> (E)	32	#5	37'-5"	—	
b <sub>2</sub> (E)	27	#5	33'-8"	—	
b <sub>3</sub> (E)	88	#6	20'-0"	—	
b <sub>4</sub> (E)	5	#6	30'-0"	—	
b <sub>5</sub> (E)	13	#6	31'-8"	—	
b <sub>6</sub> (E)	12	#6	32'-10"	—	
b <sub>7</sub> (E)	12	#6	34'-10"	—	
b <sub>8</sub> (E)	12	#6	35'-0"	—	
b <sub>9</sub> (E)	12	#6	36'-2"	—	
b <sub>10</sub> (E)	12	#6	37'-3"	—	
b <sub>11</sub> (E)	12	#6	38'-5"	—	
b <sub>12</sub> (E)	12	#6	39'-6"	—	
b <sub>13</sub> (E)	40	#6	22'-7"	—	
d (E)	223	#5	5'-0"	┌	
d <sub>1</sub> (E)	57	#5	5'-3"	┌	
d <sub>2</sub> (E)	57	#5	4'-0"	┌	
d <sub>3</sub> (E)	306	#5	6'-0"	┌	
d <sub>4</sub> (E)	44	#5	6'-2"	┌	
d <sub>5</sub> (E)	44	#5	5'-6"	┌	
e (E)	8	#5	3'-6"	—	
e <sub>1</sub> (E)	8	#5	9'-9"	—	
e <sub>2</sub> (E)	32	#5	20'-3"	—	
e <sub>3</sub> (E)	16	#5	21'-0"	—	
m (E)	42	#5	8'-2"	—	
m <sub>1</sub> (E)	42	#5	6'-10"	—	
m <sub>2</sub> (E)	12	#5	31'-4"	—	
m <sub>3</sub> (E)	2	#5	4'-3"	—	
m <sub>4</sub> (E)	4	#5	8'-8"	—	
m <sub>5</sub> (E)	4	#5	7'-4"	—	
m <sub>6</sub> (E)	6	#5	10'-4"	—	
m <sub>7</sub> (E)	6	#5	9'-2"	—	
m <sub>8</sub> (E)	6	#5	2'-6"	—	
x (E)	89	#4	7'-9"	□	
Item				Unit	Total
Reinforcement Bars, Epoxy Coated				Pound	49,330
Concrete Superstructure				Cu. Yd.	198.1

**MIN. BAR LAP.**

- #5 = 3'-3"
- #6 = 3'-10"
- #7 = 5'-2"

**NOTES:**

For Sections A-A and B-B see Sheet S6.  
See Sheet S7 for joint types and locations at the edge of slab and see Sheet S15 for joint details.

**SUPERSTRUCTURE PLAN AND BILL OF MATERIALS  
STRUCTURE NUMBER 016-1308**

DESIGNED	JW
CHECKED	YMM
DRAWN	JLS & PS
CHECKED	TPG & JXH



SHEET NO. S5	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	90/94	2010-075-I	COOK	33	14
S/S9 SHEETS	CONTRACT NO. 60L61				
DATE: 12-09-10		ILLINOIS FED. AID PROJECT			