

REINFORCEMENT BAR SCHEDULES

SN 016-1112 (RAMP A)

F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90	2003-0299	COOK	344	209
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
62581				

Deck Reinforcement Schedule

Location	Bar		Size	Length		Number			
	Stage IA	Stage IC		Stage IA	Stage IC	Stage IA		Stage IC	
						Side A	Side B	Side A	Side B
A12	a14	a16	#5	18'-7"	15'-3"	9	9	9	9
	b1	b1	#6	4'-0"	4'-0"	5	5	5	5
	x1	x1	#5	2'-3"	2'-3"	19	19	19	19
A13	a14	a15	#5	18'-7"	18'-1"	9	9	9	9
	b1	b1	#6	4'-0"	4'-0"	5	5	5	5
	x1	x1	#5	2'-3"	2'-3"	19	19	19	19
A16	a14	a15	#5	18'-7"	18'-1"	9	9	9	9
	b1	b1	#6	4'-0"	4'-0"	5	5	5	5
	x1	x1	#5	2'-3"	2'-3"	19	19	19	19
A19	a14	a17	#5	18'-7"	20'-0"	2 x 9	2 x 9	9	9
	b1	b1	#6	4'-0"	4'-0"	5	5	5	5
	x1	x1	#5	2'-3"	2'-3"	19	19	38	38
A21	a18	a19	#5	21'-8"	22'-9"	4	9	4	9
	a20	a21	#6	21'-8"	22'-9"	5	-	5	-
	b1	b1	#6	4'-0"	4'-0"	5	5	5	5
A22	a22	a23	#5	26'-6"	25'-4"	9	9	9	9
	b1	b1	#6	4'-0"	4'-0"	5	5	5	5
A27	a24	a25	#5	26'-6"	35'-0"	9	9	9	9
	b1	b1	#6	4'-0"	4'-0"	5	5	5	5

Parapet Reinforcement Schedule

Location	Bar		Size	Length		Number			
	Stage IA	Stage IC		Stage IA	Stage IC	Stage IA		Stage IC	
						Side A	Side B	Side A	Side B
A12	d1	d1	#5	4'-7"	4'-7"	3	3	3	3
	d2	d2	#4	5'-10"	5'-10"	3	3	3	3
A13	d1	d1	#5	4'-7"	4'-7"	3	3	3	3
	d2	d2	#4	5'-10"	5'-10"	3	3	3	3
A16	d1	d1	#5	4'-7"	4'-7"	3	3	3	3
	d2	d2	#4	5'-10"	5'-10"	3	3	3	3
A19	d1	d1	#5	4'-7"	4'-7"	3	3	3	3
	d2	d2	#4	5'-10"	5'-10"	3	3	3	3
A21	d1	d1	#5	4'-7"	4'-7"	3	3	3	3
	d2	d2	#4	5'-10"	5'-10"	3	3	3	3
A22	d1	d1	#5	4'-7"	4'-7"	3	3	3	3
	d2	d2	#4	5'-10"	5'-10"	3	3	3	3
A27	d1	d1	#5	4'-7"	4'-7"	3	3	3	3
	d2	d2	#4	5'-10"	5'-10"	3	3	3	3

SN 016-1112 (RAMP B)

Deck Reinforcement Schedule

Location	Bar		Size	Length		Number			
	Stage IA	Stage IC		Stage IA	Stage IC	Stage IA		Stage IC	
						Side A	Side B	Side A	Side B
B12		a32	#5	26'-4"			2 x 9	2 x 9	
		b1	#6	4'-0"			10	10	
B14		a25	#5	21'-8"			2 x 9	2 x 9	
		b1	#6	4'-0"			10	10	
B16		a33	#5	31'-7"			14	9	
		b1	#6	4'-0"			16	10	
		x2	#5	4'-2"			30	-	
		x1	#5	2'-3"			-	30	
Abut. B17		a34	#6	27'-1"			4	9	
		b1	#6	4'-0"			-	10	
		u1	#5	2'-8"			26	-	
		x1	#5	2'-3"			-	26	

Parapet Reinforcement Schedule

Location	Bar		Size	Length		Number			
	Stage IA	Stage IC		Stage IA	Stage IC	Stage IA		Stage IC	
						Side A	Side B	Side A	Side B
B12		d1	#5	4'-7"				6	6
		d2	#4	5'-10"				6	-
		d3	#4	6'-4"				-	3
B14		d1	#5	4'-7"				6	6
		d2	#4	5'-10"				6	6
B16		d1	#5	4'-7"				10	6
		d2	#4	5'-10"				10	6
Abut. B17		d1	#5	4'-7"				4	6
		d2	#4	5'-10"				4	6

BOWMAN, BARRETT & ASSOCIATES INC
CONSULTING ENGINEERS
Chicago, Illinois
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REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
SB DAN RYAN ELEVATED BRIDGE
REPAIR FROM 15TH TO 28TH STREETS
REINFORCEMENT BAR SCHEDULE
SN 016-1112 RAMPS A & B
SCALE: N/A
DATE: 4/14/2006
DRAWN BY: BDC
CHECKED BY: BLU

150448 AM 4/14/2006