

**REINFORCEMENT BAR SCHEDULES**

**SN 016-1112 (RAMP A)**

F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90	2003-029BR	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	a22	a24	#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	a25	a25	#5	26'-4"		2 x 9	2 x 9		
	b1	b1	#6	4'-0"				10	10
B14	a18	a18	#5	21'-8"		2 x 9	2 x 9		
	b1	b1	#6	4'-0"				10	10
B16	a26	a26	#5	31'-7"				14	9
	b1	b1	#6	4'-0"				16	10
	x2	x2	#5	4'-2"				30	-
	x1	x1	#5	2'-3"				-	30
Abut. B17	a27	a27	#6	27'-1"				4	9
	b1	b1	#6	4'-0"				-	10
	u1	u1	#5	2'-8"				26	-
	x1	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	d1	#5	4'-7"				6	6
	d2	d2	#4	5'-10"				6	-
	d6	d6	#4	6'-4"				-	3
B14	d1	d1	#5	4'-7"				6	6
	d2	d2	#4	5'-10"				6	6
B16	d1	d1	#5	4'-7"				10	6
	d2	d2	#4	5'-10"				10	6
Abut. B17	d1	d1	#5	4'-7"				4	6
	d2	d2	#4	5'-10"				4	6

BOWMAN, BARRETT & ASSOCIATES INC.  
CONSULTING ENGINEERS  
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REVISIONS	
NAME	DATE
ADDENDUM NO. 1	6/29/06

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: 5/25/2006  
DRAWN BY: BDC  
CHECKED BY: BLU

IN: 660-CORR/BRIDGE/21-SHEET 060-21-1000491

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