

REINFORCEMENT BAR SCHEDULES

SN 016-1111

F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90	2003-0291	COOK	344	210
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

62581

Location	Bar			Size	Length			Number					
	Stage IA	Stage IC	Stage II		Stage IA	Stage IC	Stage II	Stage IA		Stage IC		Stage II	
								Side A	Side B	Side A	Side B	Side A	Side B
1	a1	a2	a3	#5	18'-9"	15'-8"	33'-6"	9	9	9	9	9	9
	b1	b1	b1	#6	4'-0"	4'-0"	4'-0"	5	5	5	5	5	
	x1	x1	x1	#5	2'-3"	2'-8"	2'-8"	19	19	16	16	34	
D7	a4			#6	27'-1"			9	4				
	b1			#6	4'-0"			10	4				
	u1			#5	2'-8"			-	28				

Location	Bar		Size	Length		Number			
	Stage IA	Stage II		Stage IA	Stage II	Stage IA		Stage II	
						Side A	Side B	Side A	Side B
1	d1	d1	#4	5'-10"	5'-10"	3	3	3	3
	d2	d2	#5	4'-7"	4'-7"	3	3	3	3
	d1	d1	#4	5'-10"	5'-10"	6	6	6	6
D7	d1	d1	#5	4'-7"	4'-7"	6	6		

SN 016-1110

Deck Reinforcement Schedule

Location	Bar	Size	Length	Number	
				Stage IA	
				Side A	Side B
D1	a1	#6	24'-2"	5	5
	a2	#5	24'-2"	4	4
	b1	#6	4'-0"	10	10
Susp. Span A	a1	#6	24'-2"	5	5
	a2	#5	24'-2"	4	4
	b1	#6	4'-0"	10	10
	x1	#5	2'-3"	25	25
	a1	#6	24'-2"	-	5
Susp. Span B	a2	#5	24'-2"	10	5
	b1	#6	4'-0"	10	10

Parapet Reinforcement Schedule

Location	Bar	Size	Length	Number	
				Stage IA	
				Side A	Side B
D1	d2	#4	5'-10"	6	6
	d1	#5	4'-7"	6	6
Susp. Span A	d2	#4	5'-10"	6	6
	d1	#5	4'-7"	6	6
Susp. Span B	d2	#4	5'-10"	6	6
	d1	#5	4'-7"	6	6

SN 016-0137

Deck Reinforcement Schedule

Location	Bar		Size	Length		Number			
	Stage IA	Stage IB		Stage IA	Stage IB	Stage IA		Stage IB	
						Side A	Side B	Side A	Side B
7	a1	a2	#5	24'-5"	29'-7"	2 x 9	2 x 9	9	9
	b1	b1	#6	4'-0"	4'-0"	5	5	5	5
11	a1	a2	#5	24'-5"	29'-7"	2 x 9	2 x 9	9	9
	b1	b1	#6	4'-0"	4'-0"	5	5	5	5
15	a1	a2	#5	24'-5"	29'-7"	2 x 9	2 x 9	9	9
	b1	b1	#6	4'-0"	4'-0"	5	5	5	5
19	a3	a2	#5	25'-9"	29'-7"	2 x 9	2 x 9	9	9
	b1	b1	#6	4'-0"	4'-0"	5	5	5	5
23	a5	a2	#5	28'-8"	29'-7"	-	2 x 14	-	14
	a7	a4	#6	28'-10"	29'-7"	2 x 6	-	6	-
	a8	a6	#7	29'-5"	29'-7"	2 x 8	-	8	-
N.Abut	b1	b1	#6	4'-0"	4'-0"	8	8	8	8
	x3	x3	#5	8'-3"	8'-3"	56	56	30	30
	a9	a4	#6	29'-9"	29'-7"	2 x 4	-	2 x 4	-
N.Abut.	a9	a4	#6	29'-9"	29'-7"	-	2 x 6	-	2 x 6
	a10	a6	#7	30'-5"	29'-7"	-	2 x 8	-	2 x 8
	b1	b1	#6	4'-0"	4'-0"	-	5	-	5
	u2	u2	#5	2'-7"	2'-7"	58	-	58	-

Parapet Reinforcement Schedule

Location	Bar		Size	Length		Number			
	Stage IA	Stage IB		Stage IA	Stage IB	Stage IA		Stage IB	
						Side A	Side B	Side A	Side B
7	d2	d1	#4	5'-10"	4'-7"	3	3	3	3
	d1	d1	#5	4'-7"	4'-7"	3	3	3	3
11	d2	d1	#4	5'-10"	5'-1"	3	3	3	3
	d1	d1	#5	4'-7"	4'-7"	3	3	3	3
15	d2	d1	#4	5'-10"	5'-1"	3	3	3	3
	d1	d1	#5	4'-7"	4'-7"	3	3	3	3
19	d2	d1	#4	5'-10"	5'-1"	3	3	3	3
	d1	d1	#5	4'-7"	4'-7"	3	3	3	3
23	d2	d1	#4	5'-10"	5'-1"	4	4	4	4
	d1	d1	#5	4'-7"	4'-7"	4	4	4	4
N. Abut.	d2	d2	#4	5'-10"	5'-10"	3	3	3	3
	d1	d1	#5	4'-7"	4'-7"	3	3	3	3

BOWMAN, BARRETT & ASSOCIATES INC.
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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 016-1111, 016-1110 & 016-0137
SCALE: N/A
DATE: 5/25/2006
DRAWN BY: BDC
CHECKED BY: BLU

5/25/06 PM