

F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90	2003-028F	COOK	419	177
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
62580				

SN 016-1140 SLAB - BAR DETAILS

LOCATION	BAR STAGE IIA	SIZE	LENGTH	NUMBER/STAGES		BAR STAGE IIA	SIZE	LENGTH	NUMBER/STAGES		BAR STAGE IIA	SIZE	LENGTH	NUMBER/STAGES	
				STAGE IIA	STAGE IIA				STAGE IIA	STAGE IIA				STAGE IIA	STAGE IIA
PIER B4	a111	#5(E)	28' 3"	9	-	X1	#5(E)	2' 3"	28	28	b1	#6(E)	4' 0"	5	10
	a112	#5(E)	27' 11"	-	9	-	-	-	-	-	-	-	-	-	-
PIER B5	a103	#5(E)	28' 0"	9	9	X1	#5(E)	2' 3"	32	32	b1	#6(E)	4' 0"	6	6
PIER B11	a104	#5(E)	39' 4"	9	9	X1	#5(E)	2' 8"	40	40	b1	#6(E)	4' 0"	6	6
PIER B15	a105	#5(E)	38' 8"	9	9	X2	#5(E)	2' 8"	40	40	b1	#6(E)	4' 0"	6	6
PIER B16	a106	#5(E)	27' 10"	9	9	X1	#5(E)	2' 3"	29	29	b1	#6(E)	4' 0"	6	6
B18 ABUT	a106	#5(E)	27' 10"	9	6	X1	#5(E)	2' 3"	29	-	b1	#6(E)	4' 0"	4	10
	-	-	-	-	-	u2	#5(E)	2' 2"	-	29	-	-	-	-	-

SN 016-1140 PARAPET- BAR DETAILS

LOCATION	BAR STAGE IIA	SIZE	LENGTH	NUMBER/STAGES		BAR STAGE IIA	SIZE	LENGTH	NUMBER/STAGES	
				STAGE IIA	STAGE IIA				STAGE IIA	STAGE IIA
PIER B4	d1	#4(E)	5' 10"	3	6	d2	#5(E)	4' 7"	2	-
	d1	#4(E)	5' 10"	2	-	-	-	-	-	-
	d9	#5(E)	5' 6"	4	-	-	-	-	-	-
PIER B5	d1	#5(E)	5' 10"	6	6	d2	#5(E)	4' 7"	6	6
PIER B11	d1	#5(E)	5' 10"	6	6	d2	#5(E)	4' 7"	6	6
PIER B15	d1	#5(E)	5' 10"	6	6	d2	#5(E)	4' 7"	6	6
PIER B16	d1	#5(E)	5' 10"	6	6	d2	#5(E)	4' 7"	6	6
B18 ABUT	d1	#5(E)	5' 10"	4	10	d2	#5(E)	4' 7"	4	10

SN 016-1047 SLAB - BAR DETAILS

LOCATION	BAR STAGE I	BAR STAGE IA	SIZE	LENGTH	NUMBER/STAGES				BAR STAGE I	BAR STAGE IA	SIZE	LENGTH	NUMBER/STAGES				BAR STAGE I	BAR STAGE IA	SIZE	LENGTH	NUMBER/STAGES							
					STAGE I	STAGE IA	SIDE	ASIDE B					STAGE I	STAGE IA	SIDE	ASIDE B					STAGE I	STAGE IA	SIDE	ASIDE B	STAGE I	STAGE IA	SIDE	ASIDE B
PIER E30	a106	-	#5(E)	27' 10"	-	9	9	-	-	X1	-	#5(E)	2' 3"	-	29	29	-	-	b1	-	#6(E)	4' 0"	-	6	6	-	-	
PIER E28	a106	-	#5(E)	27' 10"	-	9	9	-	-	X1	-	#5(E)	2' 3"	-	29	29	-	-	b1	-	#6(E)	4' 0"	-	6	6	-	-	
PIER E26	a106	-	#5(E)	27' 10"	-	9	9	-	-	X1	-	#5(E)	2' 3"	-	29	29	-	-	b1	-	#6(E)	4' 0"	-	6	6	-	-	
PIER E24	a107	-	#5(E)	29' 11"	-	9	9	-	-	X1	-	#5(E)	2' 3"	-	32	32	-	-	b1	-	#6(E)	4' 0"	-	6	6	-	-	
PIER E23	a108	-	#5(E)	26' 11"	-	9	9	-	-	X1	-	#5(E)	2' 3"	-	27	27	-	-	b1	-	#6(E)	4' 0"	-	6	6	-	-	
PIER E22	a35	a122	#5(E)	20' 5"	29' 5"	9	9	9	9	X1	X1	#5(E)	2' 3"	2' 3"	21	21	29	29	b1	b1	#6(E)	4' 0"	4' 0"	3	3	3	3	
PIER E1	a35	a109	#5(E)	20' 5"	25' 9"	9	9	9	9	X1	X1	#5(E)	2' 3"	2' 3"	21	21	25	25	b1	b1	#6(E)	4' 0"	4' 0"	3	3	3	3	
PIER E2	a35	a110	#5(E)	20' 5"	22' 4"	9	9	9	9	X1	X1	#5(E)	2' 3"	2' 3"	21	21	31	31	b1	b1	#6(E)	4' 0"	4' 0"	3	3	3	3	

SN 016-1047 PARAPET- BAR DETAILS

LOCATION	BAR STAGE I	BAR STAGE IA	SIZE	LENGTH	NUMBER/STAGES				BAR STAGE I	BAR STAGE IA	SIZE	LENGTH	NUMBER/STAGES					
					STAGE I	STAGE IA	SIDE	ASIDE B					STAGE I	STAGE IA	SIDE	ASIDE B		
																	STAGE I	STAGE IA
PIER E30	d1	-	#4(E)	5' 10"	-	6	6	-	-	d2	-	#5(E)	4' 7"	-	6	6	-	-
PIER E28	d1	-	#4(E)	5' 10"	-	6	6	-	-	d2	-	#5(E)	4' 7"	-	6	6	-	-
PIER E26	d1	-	#4(E)	5' 10"	-	6	6	-	-	d2	-	#5(E)	4' 7"	-	6	6	-	-
PIER E24	d1	-	#4(E)	5' 10"	-	6	6	-	-	d2	-	#5(E)	4' 7"	-	6	6	-	-
PIER E23	d1	-	#4(E)	5' 10"	-	6	6	-	-	d2	-	#5(E)	4' 7"	-	6	6	-	-
	d8	-	#4(E)	3' 0"	-	6	-	-	-	-	-	-	-	-	-	-	-	
PIER E22	d1	d1	#4(E)	5' 10"	5' 10"	3	3	3	3	d2	d2	#5(E)	4' 7"	4' 7"	3	3	3	3
PIER E1	d1	d1	#4(E)	5' 10"	5' 10"	3	3	3	3	d2	d2	#5(E)	4' 7"	4' 7"	3	3	3	3
PIER E2	d1	d1	#4(E)	5' 10"	5' 10"	3	3	3	3	d2	d2	#5(E)	4' 7"	4' 7"	3	3	3	3

BOWMAN, BARRETT & ASSOCIATES INC.
CONSULTING ENGINEERS
Chicago, Illinois
312-228-0100
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Notes:
1. The number of d(E) bars shown indicate the total number of bars required.
2. Refer to table "BAR d(E) DETAILS" for specifics. 1x5 indicates 1 length of bar and 5 total bars is required (T or B).

BAR d(E) DETAILS

NUMBER OF d BARS SHOWN IN TABLE	9
INDICATES	1x5 (T) 1x4 (B)

REVISIONS	DATE
NAME	

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
NB DAN RYAN ELEVATED BRIDGE
REPAIR FROM 15TH TO 28TH STREETS
BAR DETAILS
SN 016-1140 & 016-1047
SCALE: N/A
DATE: 8/12/2005
DRAWN BY: CS
CHECKED BY: BLU

11/5/07 AM 8/11/2005