F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90	2003-028F	COOK	419	176
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

62580

SN 016-1118 SLAB - BAR DETAILS

LOCATION	BAR STAGE II	SIZE	LENGTH STAGE II	NUMBER/STAGES STAGE II SIDE A	SIDE B	BAR STAGE II	SIZE	LENGTH STAGE II	NUMBER/STAGES STAGE II SIDE A	SIDE B	BAR STAGE II	SIZE	LENGTH STAGE II	NUMBER/STAGES STAGE II SIDE A	SIDE B
S. ABUT.	a87	#5(E)	28' 7"	12	28	X4	#5(E)	3' 9"	-	57	b1	#6(E)	4' 0"	2	5
	-	-	-	-	-	-	-	-	-	-	u	#5(E)	1' 11"	57	-
PIER H1	a88	#5(E)	27' 5"	18	18	X1	#5(E)	2' 3"	54	34	b1	#6(E)	4' 0"	6	6
PIER H2	a89	#5(E)	24' 1"	18	28	X1	#5(E)	2' 3"	47	-	b1	#6(E)	4' 0"	6	10
	-	-	-	-	-	X4	#5(E)	3' 9"	-	47	-	-	-	-	-
PIER H3	a90	#5(E)	22' 8"	18	28	X1	#5(E)	2' 3"	45	-	b1	#6(E)	4' 0"	6	10
	-	-	-	-	-	X4	#5(E)	3' 9"	-	45	-	-	-	-	-
PIER H4	a91	#5(E)	23' 4"	18	28	X1	#5(E)	2' 3"	46	-	b1	#6(E)	4' 0"	6	10
	-	-	-	-	-	X4	#5(E)	3' 9"	-	46	-	-	-	-	-
PIER H5	a92	#5(E)	24' 0"	18	18	X1	#5(E)	2' 3"	47	47	b1	#6(E)	4' 0"	6	6
PIER H6	a93	#5(E)	23' 2"	18	18	X1	#5(E)	2' 3"	60	60	b1	#6(E)	4' 0"	6	6
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PIER H9	a94	#5(E)	26' 1"	18	18	X1	#5(E)	2' 3"	50	50	b1	#6(E)	4' 0"	6	6
PIER H12	a95	#5(E)	24' 1"	18	18	X1	#5(E)	2' 3"	46	46	b1	#6(E)	4' 0"	6	6

SN 016-1118 PARAPET- BAR DETAILS

LOCATION	BAR STAGE II	SIZE	LENGTH STAGE II	NUMBER/STAGES STAGE II SIDE A	SIDE B	BAR STAGE II	SIZE	LENGTH STAGE II	NUMBER/STAGES STAGE II SIDE A	SIDE B
S. ABUT.	d6	#4(E)	4' 10"	4	10	d2	#5(E)	4' 7"	4	10
PIER H1	d4	#4(E)	6' 4"	6	6	d2	#5(E)	4' 7"	6	6
PIER H2	d4	#4(E)	6' 4"	6	10	d2	#5(E)	4' 7"	6	10
PIER H3	d7	#4(E)	8' 7"	6	6	d2	#5(E)	4' 7"	6	10
PIER H4	d7	#4(E)	8' 7"	6	6	d2	#5(E)	4' 7"	6	10
PIER H5	d7	#4(E)	8' 7"	6	6	d2	#5(E)	4' 7"	6	6
PIER H6	d3	#4(E)	6' 10"	6	-	d2	#5(E)	4' 7"	6	6
	d7	#4(E)	8' 7"	-	6	-	-	-	-	-
PIER H9	d8	#4(E)	5' 8"	6	6	d2	#5(E)	4' 7"	6	6
PIER H12	d1	#4(E)	5' 10"	2	-	d2	#5(E)	4' 7"	6	6
	d8	#4(E)	5' 8"	6	6	d2	#5(E)	4' 7"	2	-

SN 016-1059 SLAB - BAR DETAILS

LOCATION	BAR STAGE IA	SIZE	LENGTH STAGE IA	NUMBER/STAGES STAGE IA SIDE A	SIDE B	BAR STAGE IA	SIZE	LENGTH STAGE IA	NUMBER/STAGES STAGE IA SIDE A	SIDE B	BAR STAGE IA	SIZE	LENGTH STAGE IA	NUMBER/STAGES STAGE IA SIDE A	SIDE B
PIER D33	a96	#5(E)	28' 1"	9	9	X1	#5(E)	2' 3"	29	29	b1	#6(E)	4' 0"	6	6
PIER D35	a97	#5(E)	28' 0"	9	9	X1	#5(E)	2' 3"	28	28	b1	#6(E)	4' 0"	6	6
PIER D37	a98	#5(E)	27' 10"	9	9	X1	#5(E)	2' 3"	29	29	b1	#6(E)	4' 0"	6	6
PIER D39	a99	#5(E)	31' 7"	9	9	X2	#5(E)	2' 8"	40	40	b1	#6(E)	4' 0"	6	6
PIER D41	a100	#5(E)	29' 10"	9	9	X1	#5(E)	2' 3"	30	30	b1	#6(E)	4' 0"	6	6
PIER D43	a101	#5(E)	36' 1/2"	9	9	X1	#5(E)	2' 3"	37	37	b1	#6(E)	4' 0"	6	6

SN 016-1059 PARAPET- BAR DETAILS

LOCATION	BAR STAGE IA	SIZE	LENGTH STAGE IA	NUMBER/STAGES STAGE IA SIDE A	SIDE B	BAR STAGE IA	SIZE	LENGTH STAGE IA	NUMBER/STAGES STAGE IA SIDE A	SIDE B
PIER D33	d1	#4(E)	5' 10"	6	6	d2	#5(E)	4' 7"	6	6
PIER D35	d1	#4(E)	5' 10"	6	6	d2	#5(E)	4' 7"	6	6
PIER D37	d1	#4(E)	5' 10"	6	6	d2	#5(E)	4' 7"	6	6
PIER D39	d1	#4(E)	5' 10"	6	6	d2	#5(E)	4' 7"	6	6
PIER D41	d1	#4(E)	5' 10"	6	6	d2	#5(E)	4' 7"	6	6
PIER D43	d1	#4(E)	5' 10"	6	6	d2	#5(E)	4' 7"	6	6

BAR d(E) DETAILS

NUMBER OF a BARS SHOWN IN TABLE	9	18	14
INDICATES	1x5 (T) 1x4 (B)	2x5 (T) 2x4 (B)	1x8 (T) 1x6 (B)

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).

BOWMAN, BARRETT & ASSOCIATES INC.
CONSULTING ENGINEERS
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REVISIONS NAME	DATE

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 016-1118,
016-1059, 016-1140 & 016-1047

SCALE: N/A DRAWN BY: CS
DATE: 8/12/2005 CHECKED BY: BLU

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8/11/2005 11:54:47 AM