

SN 016-1117 SLAB - BAR DETAILS

LOCATION	BAR		SIZE	LENGTH		NUMBER/STAGES				BAR		SIZE	LENGTH		NUMBER/STAGES													
	STAGE I	STAGE II		STAGE I	STAGE II	STAGE I		STAGE II		STAGE I	STAGE II		STAGE I	STAGE II	STAGE I	STAGE II	STAGE I		STAGE II									
						SIDE	ASIDE B	SIDE	ASIDE B								SIDE	ASIDE B	SIDE	ASIDE B								
S. ABUT.	a69	-	#5(E)	33' 8"	-	6	9	-	-	X1	-	#5(E)	2' 3"	-	-	32	-	-	-	b1	-	#6(E)	4' 0"	-	4	3	-	-
PIER 1	a70	-	#5(E)	33' 5"	-	9	9	-	-	X1	-	#5(E)	2' 3"	-	33	33	-	-	-	b1	-	#6(E)	4' 0"	-	6	6	-	-
PIER 2	a71	-	#5(E)	33' 2"	-	9	14	-	-	X1	-	#5(E)	2' 3"	-	33	-	-	-	-	b1	-	#6(E)	4' 0"	-	6	6	-	-
PIER 3	a71	-	#5(E)	33' 2"	-	9	14	-	-	X1	-	#5(E)	2' 3"	-	33	-	-	-	-	b1	-	#6(E)	4' 0"	-	6	6	-	-
PIER 4	a72	-	#5(E)	33' 6"	-	9	14	-	-	X1	-	#5(E)	2' 3"	-	34	-	-	-	-	b1	-	#6(E)	4' 0"	-	6	6	-	-
PIER 5	a73	-	#5(E)	34' 0"	-	9	14	-	-	X1	-	#5(E)	2' 3"	-	34	-	-	-	-	b1	-	#6(E)	4' 0"	-	6	6	-	-
PIER 6	a74	-	#5(E)	34' 5"	-	9	14	-	-	X1	-	#5(E)	2' 3"	-	35	-	-	-	-	b1	-	#6(E)	4' 0"	-	6	10	-	-
PIER 7	a75	-	#5(E)	35' 0"	-	9	14	-	-	X1	-	#5(E)	2' 3"	-	35	-	-	-	-	b1	-	#6(E)	4' 0"	-	6	10	-	-
PIER 8	a76	-	#5(E)	35' 10"	-	9	9	-	-	X1	-	#5(E)	2' 3"	-	36	36	-	-	-	b1	-	#6(E)	4' 0"	-	6	6	-	-
PIER 11	a77	-	#5(E)	38' 10"	-	9	9	-	-	X1	-	#5(E)	2' 3"	-	39	39	-	-	-	b1	-	#6(E)	4' 0"	-	6	6	-	-
PIER 12	a78	-	#5(E)	39' 9"	-	9	9	-	-	X1	-	#5(E)	2' 3"	-	40	40	-	-	-	b1	-	#6(E)	4' 0"	-	6	6	-	-
PIER 13	a78	-	#5(E)	39' 9"	-	9	9	-	-	X1	-	#5(E)	2' 3"	-	40	40	-	-	-	b1	-	#6(E)	4' 0"	-	6	6	-	-
PIER 14	a80	-	#5(E)	38' 1"	-	9	9	-	-	X1	-	#5(E)	2' 3"	-	38	38	-	-	-	b1	-	#6(E)	4' 0"	-	6	6	-	-
PIER 16	a81	a82	#5(E)	32' 11" 42' 6"	-	9	9	9	9	X1	X1	#5(E)	2' 3" 2' 3"	-	33	33	40	40	b1	b1	#6(E)	4' 0" 4' 0"	-	3	3	3	3	
PIER 18	a83	a84	#5(E)	31' 7" 36' 5"	-	9	9	9	9	X1	X1	#5(E)	2' 3" 2' 3"	-	30	30	39	39	b1	b1	#6(E)	4' 0" 4' 0"	-	3	3	3	3	
PIER 19	a83	a84	#5(E)	31' 7" 36' 5"	-	9	14	9	14	X1	X1	#5(E)	2' 3" 2' 3"	-	30	-	40	-	b1	b1	#6(E)	4' 0" 4' 0"	-	3	5	3	5	
PIER 20	a83	a84	#5(E)	31' 7" 36' 5"	-	9	14	9	14	X1	X1	#5(E)	2' 3" 2' 3"	-	30	-	40	-	b1	b1	#6(E)	4' 0" 4' 0"	-	3	5	3	5	
PIER 21	a83	a84	#5(E)	31' 7" 36' 5"	-	9	14	9	14	X1	X1	#5(E)	2' 3" 2' 3"	-	30	-	40	-	b1	b1	#6(E)	4' 0" 4' 0"	-	3	5	3	5	
PIER 22	a83	a84	#5(E)	31' 7" 36' 5"	-	9	14	9	14	X1	X1	#5(E)	2' 3" 2' 3"	-	30	-	40	-	b1	b1	#6(E)	4' 0" 4' 0"	-	3	5	3	5	
PIER 23	a83	a84	#5(E)	31' 7" 36' 5"	-	9	14	9	14	X1	X1	#5(E)	2' 3" 2' 3"	-	30	-	40	-	b1	b1	#6(E)	4' 0" 4' 0"	-	3	5	3	5	

SN 016-1117 PARAPET - BAR DETAILS

LOCATION	BAR		SIZE	LENGTH		NUMBER/STAGES				BAR		SIZE	LENGTH		NUMBER/STAGES												
	STAGE I	STAGE II		STAGE I	STAGE II	STAGE I		STAGE II		STAGE I	STAGE II		STAGE I	STAGE II	STAGE I	STAGE II	STAGE I		STAGE II								
						SIDE	ASIDE B	SIDE	ASIDE B								SIDE	ASIDE B	SIDE	ASIDE B							
S. ABUT.	d5	-	#4(E)	5' 2"	-	4	6	-	-	d2	-	#5(E)	4' 7"	-	4	6	-	-	-	-	-	-	-	-	-	-	-
PIER 1	d5	-	#4(E)	5' 2"	-	6	6	-	-	d2	-	#5(E)	4' 7"	-	6	6	-	-	-	-	-	-	-	-	-	-	-
PIER 2	d5	-	#4(E)	5' 2"	-	6	10	-	-	d2	-	#5(E)	4' 7"	-	6	10	-	-	-	-	-	-	-	-	-	-	-
PIER 3	d5	-	#4(E)	5' 2"	-	6	10	-	-	d2	-	#5(E)	4' 7"	-	6	10	-	-	-	-	-	-	-	-	-	-	-
PIER 4	d5	-	#4(E)	5' 2"	-	6	10	-	-	d2	-	#5(E)	4' 7"	-	6	10	-	-	-	-	-	-	-	-	-	-	-
PIER 5	d5	-	#4(E)	5' 2"	-	6	10	-	-	d2	-	#5(E)	4' 7"	-	6	10	-	-	-	-	-	-	-	-	-	-	-
PIER 6	d5	-	#4(E)	5' 2"	-	6	10	-	-	d2	-	#5(E)	4' 7"	-	6	10	-	-	-	-	-	-	-	-	-	-	-
PIER 7	d5	-	#4(E)	5' 2"	-	6	10	-	-	d2	-	#5(E)	4' 7"	-	6	10	-	-	-	-	-	-	-	-	-	-	-
PIER 8	d5	-	#4(E)	5' 2"	-	6	6	-	-	d2	-	#5(E)	4' 7"	-	6	6	-	-	-	-	-	-	-	-	-	-	-
PIER 11	d5	-	#4(E)	5' 2"	-	6	6	-	-	d2	-	#5(E)	4' 7"	-	6	6	-	-	-	-	-	-	-	-	-	-	-
PIER 12	d5	-	#4(E)	5' 2"	-	6	6	-	-	d2	-	#5(E)	4' 7"	-	6	6	-	-	-	-	-	-	-	-	-	-	-
PIER 13	d5	-	#4(E)	5' 2"	-	6	6	-	-	d2	-	#5(E)	4' 7"	-	6	6	-	-	-	-	-	-	-	-	-	-	-
PIER 14	d1	-	#4(E)	5' 10"	-	2	-	-	-	d2	-	#5(E)	4' 7"	-	6	6	-	-	-	-	-	-	-	-	-	-	-
PIER 16	d6	d6	#4(E)	4' 10" 4' 10"	-	3	3	3	3	d2	d2	#5(E)	4' 7" 4' 7"	-	3	3	3	3	-	-	-	-	-	-	-	-	-
PIER 18	d6	d6	#4(E)	4' 10" 4' 10"	-	3	3	3	3	d2	d2	#5(E)	4' 7" 4' 7"	-	3	3	3	3	-	-	-	-	-	-	-	-	-
PIER 19	d6	d6	#4(E)	4' 10" 4' 10"	-	3	5	3	5	d2	d2	#5(E)	4' 7" 4' 7"	-	3	5	3	5	-	-	-	-	-	-	-	-	-
PIER 20	d6	d6	#4(E)	4' 10" 4' 10"	-	3	5	3	5	d2	d2	#5(E)	4' 7" 4' 7"	-	3	5	3	5	-	-	-	-	-	-	-	-	-
PIER 21	d6	d6	#4(E)	4' 10" 4' 10"	-	3	5	3	5	d2	d2	#5(E)	4' 7" 4' 7"	-	3	5	3	5	-	-	-	-	-	-	-	-	-
PIER 22	d6	d6	#4(E)	4' 10" 4' 10"	-	3	5	3	5	d2	d2	#5(E)	4' 7" 4' 7"	-	3	5	3	5	-	-	-	-	-	-	-	-	-
PIER 23	d6	d6	#4(E)	4' 10" 4' 10"	-	3	5	3	5	d2	d2	#5(E)	4' 7" 4' 7"	-	3	5	3	5	-	-	-	-	-	-	-	-	-

Notes:
1. The number of a(E) bars shown indicate the total number of bars required.
2. Refer to table "BAR a(E) DETAILS" for specifics. 1x5 indicates 1 length of bar and 5 total bars is required (T or B).

BOWMAN, BARRETT & ASSOCIATES INC.
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BAR a(E) DETAILS

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

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 016-1117

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

11/5/06 AM
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