

62580

SN 016-1113 SLAB - BAR DETAILS

LOCATION	BAR				SIZE	LENGTH				NUMBER/STAGES				BAR				SIZE	LENGTH				NUMBER/STAGES											
	STAGE I	STAGE II	STAGE IIA	STAGE IIB		STAGE I	STAGE II	STAGE IIA	STAGE IIB	STAGE I	STAGE II	STAGE IIA	STAGE IIB	STAGE I	STAGE II	STAGE IIA	STAGE IIB		STAGE I	STAGE II	STAGE IIA	STAGE IIB	STAGE I	STAGE II	STAGE IIA	STAGE IIB								
	SIDE	ASIDE	B	ASIDE		B	SIDE	ASIDE	B	ASIDE	B	SIDE	ASIDE	B	ASIDE	B	SIDE		ASIDE	B	ASIDE	B	SIDE	ASIDE	B	ASIDE	B							
PIER 3	a1	a38	-	-	#5(E)	30' 11"	34' 2"	-	-	9	9	9	9	-	-	X1	X1	-	-	#5(E)	2' 3"	2' 3"	-	-	30	30	35	35	-	-	-	-	49	49
PIER 5	a51	-	-	a39	#5(E)	29' 11"	-	-	24' 6"	9	9	-	-	-	18	18	X1	-	-	X1	#5(E)	2' 3"	-	-	2' 3"	30	30	-	-	-	-	57	57	
PIER 7	a51	-	-	a40	#5(E)	29' 11"	-	-	29' 7"	9	9	-	-	-	18	18	X1	-	-	X1	#5(E)	2' 3"	-	-	2' 3"	30	30	-	-	-	-	66	66	
PIER 8	a51	-	-	a41	#5(E)	29' 11"	-	-	34' 0"	9	9	-	-	-	18	18	X1	-	-	X1	#5(E)	2' 3"	-	-	2' 3"	30	30	-	-	-	-	58	32	
PIER 9	a51	-	-	a42	#5(E)	29' 11"	-	-	31' 7"	9	9	-	-	-	9	9	X1	-	-	X1	#5(E)	2' 3"	-	-	2' 3"	30	30	-	-	-	-	-	-	
PIER 10	a51	a51	-	-	#5(E)	29' 11"	29' 11"	-	-	9	9	9	9	-	-	X1	X1	-	-	-	#5(E)	2' 3"	2' 3"	-	-	30	30	30	30	-	-	-	-	
PIER 11	a51	a43	-	-	#5(E)	29' 11"	26' 8"	-	-	9	9	9	9	-	-	X1	X1	-	-	-	#5(E)	2' 3"	2' 3"	-	-	30	30	28	28	-	-	-	-	
PIER C3	a35	-	-	a36	#5(E)	20' 5"	-	-	16' 1"	9	9	-	-	-	9	9	X1	-	-	X1	#5(E)	2' 3"	-	-	2' 3"	21	21	-	-	-	-	19	19	
PIER C6	a35	-	a44	-	#5(E)	20' 5"	-	24' 9"	-	9	9	-	-	9	9	-	X1	-	X1	-	#5(E)	2' 3"	-	2' 3"	-	21	21	-	-	24	24	-	-	
PIER C7	a35	-	a47	-	#5(E)	20' 5"	-	35' 1"	-	9	9	-	-	9	9	-	X1	-	X1	-	#5(E)	2' 3"	-	2' 3"	-	21	21	-	-	23	23	-	-	
PIER D7	-	-	-	a48	#5(E)	-	-	32' 8"	-	-	-	-	-	-	9	9	-	-	X1	#5(E)	-	-	-	2' 3"	-	-	-	-	-	-	31	31		
PIER D8	-	-	-	a49	#5(E)	-	-	22' 9"	-	-	-	-	-	-	9	9	-	-	X1	#5(E)	-	-	-	2' 3"	-	-	-	-	-	-	23	23		
PIER D9	-	-	-	a42	#5(E)	-	-	26' 4"	-	-	-	-	-	-	18	18	-	-	X1	#5(E)	-	-	-	2' 3"	-	-	-	-	-	-	27	27		
PIER D10	-	-	-	a52	#5(E)	-	-	48' 9"	-	-	-	-	-	-	9	9	-	-	X1	#5(E)	-	-	-	2' 3"	-	-	-	-	-	-	44	44		

MATCHLINE B-B

SN 016-1113 SLAB - BAR DETAILS

LOCATION	BAR				SIZE	LENGTH				NUMBER/STAGES																						
	STAGE I	STAGE II	STAGE IIA	STAGE IIB		STAGE I	STAGE II	STAGE IIA	STAGE IIB	STAGE I	STAGE II	STAGE IIA	STAGE IIB																			
	SIDE	ASIDE	B	ASIDE		B	SIDE	ASIDE	B	ASIDE	B	SIDE	ASIDE	B																		
PIER 3	b1	b1	-	-	#6(E)	4' 0"	4' 0"	-	-	3	3	3	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PIER 5	b1	-	-	b1	#6(E)	4' 0"	-	-	4' 0"	3	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
PIER 7	b1	-	-	b1	#6(E)	4' 0"	-	-	4' 0"	3	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
PIER 8	b1	-	-	-	#6(E)	4' 0"	-	-	-	3	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
PIER 9	b1	-	-	b1	#6(E)	4' 0"	-	-	4' 0"	3	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
PIER 10	b1	b1	-	-	#6(E)	4' 0"	4' 0"	-	-	3	3	3	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
PIER 11	b1	b1	-	-	#6(E)	4' 0"	4' 0"	-	-	3	3	3	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
PIER C3	b1	-	-	b1	#6(E)	4' 0"	-	-	4' 0"	3	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
PIER C6	b1	-	-	b1	#6(E)	4' 0"	-	-	4' 0"	3	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
PIER C7	b1	-	b1	-	#6(E)	4' 0"	-	4' 0"	-	3	3	-	-	-	3	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
PIER D7	-	-	-	b1	#6(E)	-	-	-	4' 0"	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
PIER D8	-	-	-	b1	#6(E)	-	-	-	4' 0"	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
PIER D9	-	-	-	b1	#6(E)	-	-	-	4' 0"	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
PIER D10	-	-	-	b1	#6(E)	-	-	-	4' 0"	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	

MATCHLINE B-B

SN 016-1113 PARAPET - BAR DETAILS

LOCATION	BAR				SIZE	LENGTH				NUMBER/STAGES				BAR				SIZE	LENGTH				NUMBER/STAGES										
	STAGE I	STAGE II	STAGE IIA	STAGE IIB		STAGE I	STAGE II	STAGE IIA	STAGE IIB	STAGE I	STAGE II	STAGE IIA	STAGE IIB	STAGE I	STAGE II	STAGE IIA	STAGE IIB		STAGE I	STAGE II	STAGE IIA	STAGE IIB	STAGE I	STAGE II	STAGE IIA	STAGE IIB							
	SIDE	ASIDE	B	ASIDE		B	SIDE	ASIDE	B	ASIDE	B	SIDE	ASIDE	B	ASIDE	B	SIDE		ASIDE	B	ASIDE	B	SIDE	ASIDE	B	ASIDE	B						
PIER 3	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 5	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 7	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 8	d1	-	-	-	#4(E)	5' 10"	-	-	-	3	3	-	-	-	-	-	d2	-	-	-	#5(E)	4' 7"	-	-	-	3	3	-	-	-	-	-	-
PIER 9	d1	-	-	d1	#4(E)	5' 10"	-	-	5' 10"	3	3	-	-	-	6	3	d2	-	-	d2	#5(E)	4' 7"	-	4' 7"	-	3	3	-	-	-	-	6	3
PIER 10	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 11	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 C3	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 C6	d1	-	-	d1	#4(E)	5' 10"	-	-	5' 10"	3	3	-	-	-	3	6	d2	-	-	d2	#5(E)	4' 7"	-	4' 7"	-	3	3	-	-	-	-	3	3
PIER C7	d1	-	d1	-	#4(E)	5' 10"	-	5' 10"	-	-	-	-	4	-	-	-	-	d2	-	d2	-	#5(E)	-	-	4' 7"	-	-	-	-	4	-	-	
PIER D7	-	-	-	d1	#4(E)	-	-	-	5' 10"	-	-	-	-	6	3	-	-	-	d2	#5(E)	-	-	-	4' 7"	-	-	-	-	-	-	6	3	
PIER D8	-	-	-	d1	#4(E)	-	-	-	5' 10"	-	-	-	-	4	-	-	-	-	d2	#5(E)	-	-	-	4' 7"	-	-	-	-	-	-	-	2	
PIER D9	-	-	-	d1	#4(E)	-	-	-	5' 10"	-	-	-	-	3	3	-	-	-	d2	#5(E)	-	-	-	4' 7"	-	-	-	-	-	-	3	3	
PIER D10	-	-	-	d1	#4(E)	-	-	-	5' 10"	-	-	-	-	4	-	-	-	-	d2	#5(E)	-	-	-	4' 7"	-	-	-	-	-	-	4	-	
PIER D10	-	-	-	d1	#4(E)	-	-	-	5' 10"	-	-	-	-	6	6	-	-	-	d2	#5(E)	-	-	-	4' 7"	-	-	-	-	-	-	6	6	

BOWMAN, BARRETT & ASSOCIATES INC.
CONSULTING ENGINEERS
Chicago, Illinois
312.228.0100
www.bbainc.com

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).

BAR a(E) DETAILS

NUMBER OF a BARS SHOWN IN TABLE	9	18
INDICATES	1x5 (T)	2x5 (T)
	1x4 (B)	2x4 (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 016-1113

SCALE: N/A
DATE: 8/12/2005

DRAWN BY: CS
CHECKED BY: BLU

11/5/4/5 AM 8/11/2005