

62580

**SN 016-1112 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	SIDE	ASIDE	B	SIDE	ASIDE	B	SIDE	ASIDE	B
PIER 11	b1	b1	-	-	#6(E)	4' 0"	4' 0"	-	-	3	3	3	3	-	-	-	-
PIER 12	b1	b1	-	-	#6(E)	4' 0"	4' 0"	-	-	3	3	3	3	-	-	-	-
PIER 14	b1	b1	-	-	#6(E)	4' 0"	4' 0"	-	-	3	3	3	3	-	-	-	-
PIER 15	b1	b1	-	-	#6(E)	4' 0"	4' 0"	-	-	3	3	3	3	-	-	-	-
PIER 19	b1	-	b1	-	#6(E)	4' 0"	-	4' 0"	-	3	3	-	-	3	3	-	-
PIER 21	b1	-	-	b1	#6(E)	4' 0"	-	-	4' 0"	3	3	-	-	-	-	3	3
PIER 22	b1	-	-	b1	#6(E)	4' 0"	-	-	4' 0"	3	3	-	-	-	-	3	3
PIER 26	b1	-	-	b1	#6(E)	4' 0"	-	-	4' 0"	3	3	-	-	-	-	3	3
PIER 28	b1	-	-	b1	#6(E)	4' 0"	-	-	4' 0"	3	3	-	-	-	-	3	3
PIER 29	b1	-	-	b1	#6(E)	4' 0"	-	-	4' 0"	3	3	-	-	-	-	3	3
PIER 31	b1	-	-	b1	#6(E)	4' 0"	-	-	4' 0"	3	3	-	-	-	-	3	3
PIER C13	b1	-	b1	-	#6(E)	4' 0"	-	4' 0"	-	3	3	-	-	3	3	-	-
PIER C14	b1	-	b1	-	#6(E)	4' 0"	-	4' 0"	-	3	3	-	-	3	3	-	-
PIER C15	b1	-	b1	-	#6(E)	4' 0"	-	4' 0"	-	3	5	-	-	3	5	-	-
PIER C16	b1	-	b1	-	#6(E)	4' 0"	-	4' 0"	-	3	5	-	-	3	5	-	-
PIER C17	b1	-	b1	-	#6(E)	4' 0"	-	4' 0"	-	3	3	-	-	3	3	-	-
PIER C18	b1	-	b1	-	#6(E)	4' 0"	-	4' 0"	-	3	3	-	-	3	3	-	-
PIER C19	b1	-	b1	-	#6(E)	4' 0"	-	4' 0"	-	3	3	-	-	3	3	-	-
PIER C20	b1	-	b1	-	#6(E)	4' 0"	-	4' 0"	-	4	4	-	-	-	-	-	-
PIER D12	-	-	-	b1	#6(E)	-	-	-	4' 0"	-	-	-	-	-	-	3	3
D14 ABUT	-	-	-	b1	#6(E)	-	-	-	4' 0"	-	-	-	-	-	-	2	5

**SN 016-1112 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	STAGE I	STAGE II	STAGE IIA	STAGE IIB						
						SIDE	ASIDE	B	SIDE	ASIDE	B	SIDE	ASIDE	B	SIDE	ASIDE	B	SIDE	ASIDE	B	SIDE		ASIDE	B	SIDE	ASIDE	B	SIDE	ASIDE	B	SIDE	ASIDE	B			
PIER 11	d1(E)	d3(E)	-	-	#4(E)	5' 10"	6' 10"	-	-	3	3	3	3	-	-	-	-	d2	d2	-	-	#5(E)	4' 7"	4' 7"	-	-	3	3	3	3	-	-	-	-		
PIER 12	d1(E)	d1(E)	-	-	#4(E)	5' 10"	5' 10"	-	-	3	3	3	3	-	-	-	-	d2	d2	-	-	#5(E)	4' 7"	4' 7"	-	-	3	3	3	3	-	-	-	-		
PIER 14	d1(E)	d1(E)	-	-	#4(E)	5' 10"	5' 10"	-	-	3	3	3	3	-	-	-	-	d2	d2	-	-	#5(E)	4' 7"	4' 7"	-	-	3	3	3	3	-	-	-	-		
PIER 15	d1(E)	d1(E)	-	-	#4(E)	5' 10"	5' 10"	-	-	3	3	3	3	-	-	-	-	d2	d2	-	-	#5(E)	4' 7"	4' 7"	-	-	3	3	3	3	-	-	-	-		
PIER 19	d1(E)	-	d1(E)	-	#4(E)	5' 10"	-	5' 10"	-	3	6	-	-	6	-	-	-	d2	-	d2	-	#5(E)	4' 7"	-	4' 7"	-	3	6	-	-	6	-	-	-		
PIER 21	d1(E)	-	-	d4(E)	#4(E)	5' 10"	-	-	6' 4"	3	3	-	-	-	-	3	3	d2	-	-	d2	#5(E)	4' 7"	-	-	4' 7"	3	3	-	-	-	-	3	3		
PIER 22	d1(E)	-	-	d4(E)	#4(E)	5' 10"	-	-	6' 4"	3	3	-	-	-	-	3	3	d2	-	-	d2	#5(E)	4' 7"	-	-	4' 7"	3	3	-	-	-	-	3	3		
PIER 26	d1(E)	-	-	d4(E)	#4(E)	5' 10"	-	-	6' 4"	3	3	-	-	-	-	3	3	d2	-	-	d2	#5(E)	4' 7"	-	-	4' 7"	3	3	-	-	-	-	3	3		
PIER 28	d1(E)	-	-	d1(E)	#4(E)	5' 10"	-	-	5' 10"	3	3	-	-	-	-	3	3	d2	-	-	d2	#5(E)	4' 7"	-	-	4' 7"	3	3	-	-	-	-	3	3		
PIER 29	d1(E)	-	-	d4(E)	#4(E)	5' 10"	-	-	6' 4"	3	3	-	-	-	-	3	3	d2	-	-	d2	#5(E)	4' 7"	-	-	4' 7"	3	3	-	-	-	-	3	3		
PIER 31	d1(E)	-	-	d4(E)	#4(E)	5' 10"	-	-	6' 4"	3	3	-	-	-	-	3	3	d2	-	-	d2	#5(E)	4' 7"	-	-	4' 7"	3	3	-	-	-	-	3	3		
PIER C13	d4(E)	-	-	d4(E)	#4(E)	6' 4"	-	-	6' 4"	-	4	4	-	-	4	4	-	-	d2	-	d2	-	#5(E)	4' 7"	-	-	4' 7"	-	4	4	-	-	4	4	-	-
PIER C14	d4(E)	-	-	d4(E)	#4(E)	6' 4"	-	-	6' 4"	-	4	4	-	-	4	4	-	-	d2	-	d2	-	#5(E)	4' 7"	-	-	4' 7"	-	4	4	-	-	4	4	-	-
PIER C15	d1(E)	-	-	d1(E)	#5(E)	4' 7"	-	-	4' 7"	-	3	3	-	-	3	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
PIER C16	d1(E)	-	-	d1(E)	#5(E)	4' 7"	-	-	4' 7"	-	3	3	-	-	3	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
PIER C17	d3(E)	-	-	d3(E)	#4(E)	6' 10"	-	-	6' 10"	-	3	3	-	-	3	3	-	-	d2	-	d2	-	#5(E)	4' 7"	-	-	4' 7"	-	3	3	-	-	3	3	-	-
PIER C18	d1(E)	-	-	d1(E)	#4(E)	5' 10"	-	-	5' 10"	-	3	3	-	-	3	3	-	-	d2	-	d2	-	#5(E)	4' 7"	-	-	4' 7"	-	3	3	-	-	3	3	-	-
PIER C19	d4(E)	-	-	d4(E)	#4(E)	6' 4"	-	-	6' 4"	-	3	3	-	-	3	3	-	-	d2	-	d2	-	#5(E)	4' 7"	-	-	4' 7"	-	3	3	-	-	3	3	-	-
PIER C20	-	-	-	d1(E)	#4(E)	-	-	-	5' 10"	-	-	-	-	-	-	-	-	-	d2	-	d2	-	#5(E)	4' 7"	-	-	4' 7"	-	3	-	-	3	-	-	-	-
PIER D12	-	-	-	d4(E)	#4(E)	6' 4"	-	-	6' 4"	-	3	-	-	-	3	-	-	-	d2	-	d2	-	#5(E)	-	-	-	4' 7"	-	-	-	-	4	-	-	-	
D14 ABUT	-	-	-	d1(E)	#4(E)	-	-	-	5' 10"	-	-	-	-	-	-	-	-	-	-	-	-	d2	#5(E)	-	-	-	4' 7"	-	-	-	-	2	5	-	-	

BOWMAN, BARRETT & ASSOCIATES INC.  
CONSULTING ENGINEERS  
Chicago, Illinois  
312.228.0100  
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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).

REVISIONS	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 016-1112  
SCALE: N/A  
DATE: 8/12/2005  
DRAWN BY: CS  
CHECKED BY: BLU

8/11/2005 11:54:45 AM