

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	SIDE	ASIDE	SIDE	ASIDE	SIDE	ASIDE
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"	-	-	-	-	-	-	4	-	-
D14 ABUT	-	-	-	b1	#6(E)	-	-	4' 0"	-	-	-	-	-	-	-	3	3

**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					
										SIDE	ASIDE	SIDE	ASIDE	SIDE	ASIDE	SIDE	ASIDE	SIDE	ASIDE	SIDE	ASIDE	SIDE	ASIDE	SIDE	ASIDE	SIDE	ASIDE	SIDE	ASIDE	SIDE	ASIDE			
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)	-	#4(E)	6' 4"	-	-	6' 4"	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"	-	-	-	-	-	4	-	-	-	d2	-	d2	-	#5(E)	4' 7"	-	4' 7"	-	3	-	-	3	-	-	-	
PIER D12	-	-	-	d1(E)	#4(E)	-	-	5' 10"	-	-	-	-	-	6	6	-	-	-	-	-	-	d2	#5(E)	-	-	4' 7"	-	-	-	-	6	6	-	-
D14 ABUT	-	-	-	d1(E)	#4(E)	-	-	5' 10"	-	-	-	-	-	2	5	-	-	-	-	-	-	d2	#5(E)	-	-	4' 7"	-	-	-	-	2	5	-	-

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

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).

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

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