*SEC. 99 (1&2) R 3&9-1HB-1-BR2

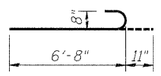
ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAI 57	*	WILL	303	175
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT-		

SHEET NO. 21
28 SHEETS

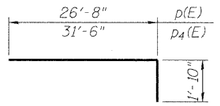
Contract #62253

BILL OF MATERIAL

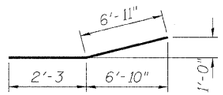
Bar	No.	Size	Length	Shape
n(E)	4	#5	26'-8"	
n_1(E)	8	#5	27'-7"	
n_2(E)	4	#5	5'-5"	
n_3(E)	4	#5	38'-11"	
n_4(E)	4	#5	14'-8"	
n_5(E)	8	#5	19'-3"	
n_6(E)	16	#5	23'-10"	
n_7(E)	4	#8	19'-3"	
n_8(E)	8	#8	25'-2"	
n(E)	144	#8	7'-7"	
p(E)	6	#10	28'-6"	
p_1(E)	12	#10	17'-0"	
p_2(E)	12	#10	9'-2"	
p_3(E)	6	#10	19'-8"	
p_4(E)	6	#10	33'-4"	
p_5(E)	12	#10	28'-0"	
p_6(E)	6	#10	31'-6"	
s(E)	113	#6	12'-6"	
s_1(E)	88	#5	7'-1"	
s_2(E)	48	#5	6'-5"	
s_3(E)	120	#5	9'-8"	
s_4(E)	72	#5	7'-8"	
s_5(E)	156	#4	2'-11"	
s_6(E)	131	#5	8'-8"	
s_7(E)	131	#5	12'-4"	
s_8(E)	10	#5	11'-10"	
t(E)	94	#8	11'-4"	
u(E)	6	#6	5'-0"	
u_1(E)	48	#5	4'-8"	
v(E)	144	#8	18'-5"	
w(E)	8	#6	21'-3"	
w_1(E)	16	#6	24'-8"	
Structure Excavation		Cu. Yd.	153.0	
Concrete Structures		Cu. Yd.	149.3	
Reinforcement Bars, Epoxy Coated		Pound	29,750	
Furnishing Steel Piles HP10x42		Foot	2,975	
Driving Piles		Foot	2,975	
Test Pile Steel HP10x42		Each	1	
Bar Splicers		Each	38	



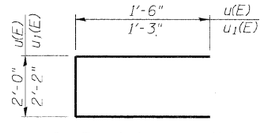
BAR n(E)



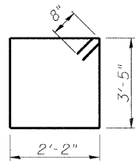
BAR p(E) or p_4(E)



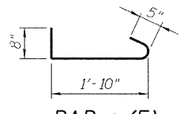
BAR p_2(E)



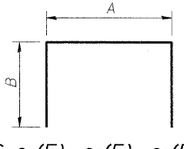
BAR u(E) or u_1(E)



BAR s(E)

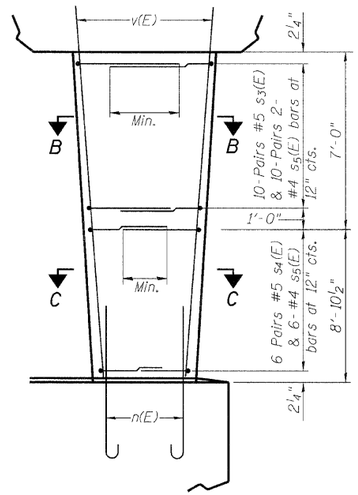


BAR s_5(E)

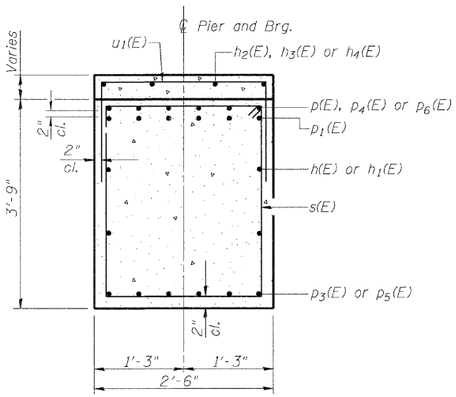


BARS s_1(E), s_2(E), s_3(E), s_4(E)
s_6(E), s_7(E), s_8(E) or t(E)
A & B DIMENSIONS

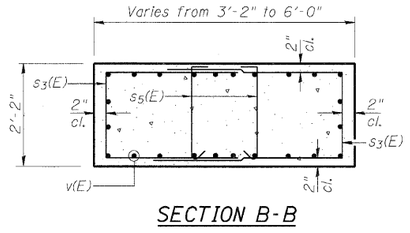
Bar	A	B
s_1(E)	1'-5"	2'-10"
s_2(E)	1'-5"	2'-6"
s_3(E)	1'-10"	3'-11"
s_4(E)	1'-10"	2'-11"
s_6(E)	2'-2"	3'-3"
s_7(E)	2'-2"	5'-1"
s_8(E)	2'-0"	4'-11"
t(E)	8'-8"	1'-4"



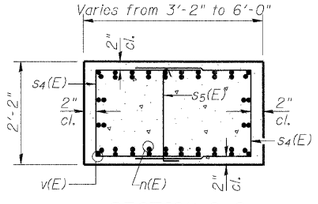
PIER COLUMN ELEVATION



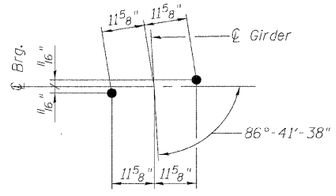
SECTION A-A



SECTION B-B



SECTION C-C



ANCHOR BOLT LAYOUT
FOR PIER

PIER DETAILS

MANHATTAN-MONEE ROAD (CH-6)
OVER I-57
F.A. I-57 SEC. 99(1&2) R 3&9-1HB-1-BR2
WILL COUNTY STA.14037+43.90
STRUCTURE NUMBER 099-4647

Clark Dietz ENGINEERS

DESIGN FIRM REGISTRATION
No. 184-000450
1817 SOUTH NEIL STREET
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CHAMPAIGN, IL 61820
PHONE : 217.373.8900
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NOTE: DIMENSIONAL DATA IS NOT TO BE OBTAINED BY SCALING ANY PORTION OF THIS DRAWING.

DESIGNED BY:	SMM	PROJECT NO:	122230
DRAWN BY:	MEW/SLD	DATE:	06/2008
CHECKED BY:	SLD		
APPROVED BY:	SMM		
ACTIVITY	INITIALS		

DRAWING NUMBER

S-21