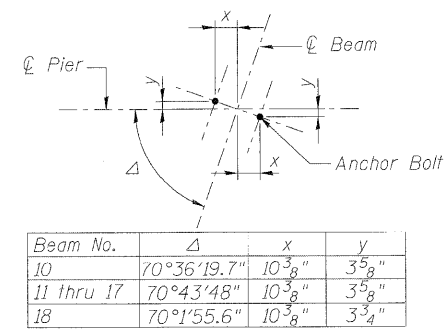


STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
46'-2 1/2"

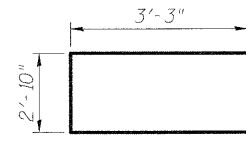


PIER 3 BILL OF MATERIAL

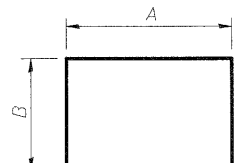
Bar	Stage 1 No.	Stage 2 No.	Stage 3 No.	Size	Length	Shape
h1(E)		6	6	#9	41'-1"	—
h2(E)	16			#6	40'-9"	—
h3(E)	6			#9	40'-9"	—
h4(E)		16	16	#6	41'-1"	—
h5(E)		12	12	#5	24'-9"	—
h6(E)	6			#5	20'-7"	—
h7(E)	6			#5	19'-9"	—
h8(E)		40		#10	16'-4"	—
h9(E)	20	20		#10	18'-5"	—
h10(E)	20		20	#10	19'-0"	—
h11(E)			40	#10	20'-9"	—
h12(E)				#10	16'-4"	—
h13(E)				#10	18'-5"	—
h14(E)				#10	19'-0"	—
h15(E)				#10	20'-9"	—
p53(E)		8		#11	41'-5"	—
p54(E)		9	9	#11	47'-11"	—
p55(E)			8	#11	41'-11"	—
p56(E)	16			#11	12'-2"	—
p57(E)	18			#11	22'-7"	—
p58(E)	18			#11	21'-9"	—
p59(E)		8		#11	18'-3"	—
p60(E)			8	#11	17'-7"	—
p61(E)	8			#11	21'-11"	—
p62(E)	8			#11	21'-2"	—
s5(E)	32	20		#4	7'-8"	—
s6(E)	42	43	43	#6	12'-10"	—
s7(E)	42	43	43	#6	17'-2"	—
s8(E)	16	24	24	#4	7'-10"	—
s9(E)	28	32	48	#4	9'-2"	—
s10(E)	68	112	114	#5	10'-7"	—
s11(E)	36	24	20	#4	8'-2"	—
s12(E)	72		20	#4	8'-10"	—
s13(E)			6	#4	11'-8"	—
t(E)	42	44	44	#7	9'-8"	—
u1(E)	6	12	12	#6	9'-4"	—
w(E)		11	11	#6	42'-1"	—
w1(E)				#7	40'-9"	—
Braced Excavation				Cu. Yd.	982	
Reinforcement Bars, Epoxy Coated				Pound	52,510	
Concrete Structures				Cu. Yd.	295	

TOP PLAN

DETAIL '1' ANCHOR BOLT LAYOUT



BAR u1(E)

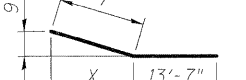


BARS s5(E), s6(E), s7(E), s8(E) & s9(E)

A & B DIMENSIONS

Bar	A	B
s5(E)	2'-10"	2'-5"
s6(E)	2'-10"	5'-0"
s7(E)	2'-10"	7'-2"
s8(E)	2'-6"	2'-8"
s9(E)	2'-6"	3'-4"
s11(E)	2'-10"	2'-8"
s12(E)	2'-10"	3'-0"
s13(E)	2'-6"	4'-7"

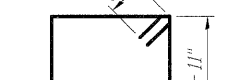
BARS p59(E), p60(E), p61(E) & p62(E)



X & Y DIMENSIONS

Bar	X	Y
p59(E)	4'-7 1/4"	4'-8"
p60(E)	3'-11 1/8"	4'-0"
p61(E)	8'-3 3/8"	8'-4"
p62(E)	7'-6 1/2"	7'-7"

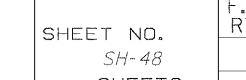
BARS n8(E), n9(E), n10(E) & n11(E)



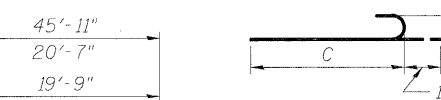
C DIMENSIONS

Bar	C
n8(E)	14'-11"
n9(E)	17'-0"
n10(E)	17'-7"
n11(E)	19'-4"

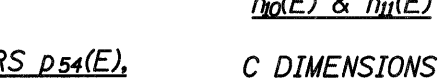
BAR s10(E)



BARS p54(E), p57(E) & p58(E)



BARS n8(E), n9(E), n10(E) & n11(E)



C DIMENSIONS

Bar	C
n8(E)	14'-11"
n9(E)	17'-0"
n10(E)	17'-7"
n11(E)	19'-4"

PIER 3 (NB)

STRUCTURE NO. 046-0144 (S.B.)

& STRUCTURE NO. 046-0145 (N.B.)

ELEVATION (Looking West)

FOOTING PLAN

Notes:

Space reinforcement in cap to miss anchor bolts.
Pour steps monolithically with cap.
For Sections A-A, B-B, C-C and D-D and End View see Sheet SH-47.

DESIGNED PMH

CHECKED MGB

DRAWN PMH

CHECKED MJL

McDonough Associates Inc.
Engineers / Architects
130 East Randolph Street
Chicago, Illinois 60601
(312) 946-8600

SHEET NO. SH-48
SHEETS
SH-56

F.A.I. RTE. 57
SECTION (46-2) HBR
COUNTY KANKAKEE
TOTAL SHEETS 558
SHEET NO. 319
CONTRACT NO. 66409
FED. ROAD DIST. NO. 3 ILLINOIS FED. AID PROJECT