

**PIER 1
BILL OF MATERIAL**

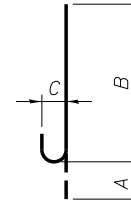
Bar	No.	Size	Length	Shape
h55(E)	10	#5	35'-6"	—
h56(E)	5	#5	7'-3"	—
h57(E)	5	#5	17'-6"	—
h58(E)	5	#5	27'-10"	—
h59(E)	25	#5	30'-0"	—
n50(E)	4	#6	7'-3"	⌋
p53(E)	10	#9	29'-0"	—
p54(E)	10	#9	35'-6"	—
p55(E)	20	#9	13'-6"	—
s50(E)	54	#5	12'-9"	□
s51(E)	88	#5	9'-2"	⌋
s53(E)	30	#5	8'-8"	⌋
s54(E)	46	#6	15'-10"	⌋
s55(E)	46	#6	21'-4"	⌋
** sp51(E)	3	#5	5'-6"	∩∩∩
t50(E)	49	#6	11'-0"	—
t51(E)	49	#9	16'-0"	⌋
u50(E)	36	#6	11'-10"	⌋
v52(E)	27	#9	12'-1"	⌋
v53(E)	4	#6	9'-4"	—
w51(E)	24	#5	33'-6"	—
Pile Shoes		Each	18	
Structure Excavation		Cu. Yd.	155	
Concrete Structures		Cu. Yd.	101.1	
Reinforcement Bars, Epoxy Coated		Pound	15,390	
Furnishing Steel Piles HP12x53		Foot	748	
Driving Piles		Foot	748	
Test Pile Steel HP12x53		Each	1	
Concrete Sealer		Sq. Ft.	1116	

** Length is height of spiral.

**PIER 2
BILL OF MATERIAL**

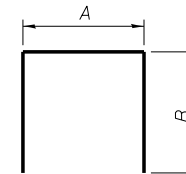
Bar	No.	Size	Length	Shape
h50(E)	10	#5	39'-0"	—
h51(E)	5	#5	8'-1"	—
h52(E)	5	#5	19'-3"	—
h53(E)	5	#5	30'-5"	—
h54(E)	23	#5	32'-6"	—
n50(E)	4	#6	7'-3"	⌋
p50(E)	20	#9	14'-0"	—
p51(E)	10	#9	31'-6"	—
p52(E)	10	#9	39'-0"	—
s50(E)	82	#5	12'-9"	□
s51(E)	96	#5	9'-2"	⌋
s52(E)	49	#6	19'-4"	⌋
s53(E)	33	#5	8'-8"	⌋
s54(E)	49	#6	15'-10"	⌋
** sp50(E)	3	#5	6'-9"	∩∩∩
t50(E)	52	#6	11'-0"	—
t51(E)	59	#9	16'-0"	⌋
u50(E)	34	#6	11'-10"	⌋
v50(E)	27	#9	13'-5"	⌋
v51(E)	4	#6	8'-4"	—
w50(E)	24	#5	36'-0"	—
Pile Shoes		Each	18	
Structure Excavation		Cu. Yd.	147	
Concrete Structures		Cu. Yd.	106.4	
Reinforcement Bars, Epoxy Coated		Pound	16,990	
Furnishing Steel Piles HP12x53		Foot	748	
Driving Piles		Foot	748	
Test Pile Steel HP12x53		Each	1	
Concrete Sealer		Sq. Ft.	1222	

** Length is height of spiral.



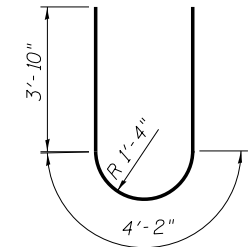
BARS n50(E), v50(E) & v52(E)

BAR	A	B	C
n50(E)	8"	6'-7"	6"
v50(E)	1'-3"	12'-2"	11 ³ / ₄ "
v52(E)	1'-3"	10'-10"	11 ³ / ₄ "

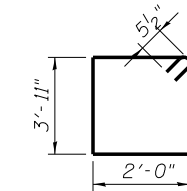


**BARS s51(E)-s55(E)
& t51(E)**

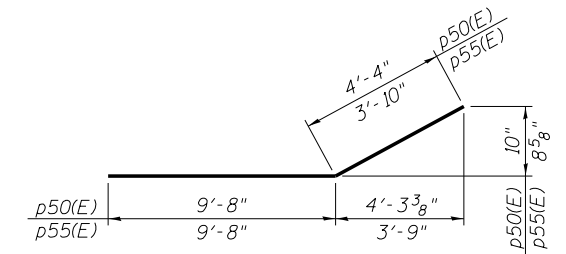
BAR	A	B
s51(E)	2'-0"	3'-7"
s52(E)	2'-8"	8'-4"
s53(E)	2'-8"	3'-0"
s54(E)	2'-8"	6'-7"
s55(E)	2'-8"	9'-4"
t51(E)	11'-0"	2'-6"



BAR u50(E)



BAR s50(E)



BAR p50(E) & p55(E)



Alfred Benesch & Company
205 North Michigan Avenue, Suite 2400
Chicago, Illinois 60601
312-565-0450 Job No. 10093

FILE NAME =
0161512_60W77_037_Pier 1 & 2_Bar_Lists.dgn

USER NAME = ksnyder
PLOT SCALE =
PLOT DATE = 6/23/2014

DESIGNED - DMS
CHECKED - JHG
DRAWN - DMS
CHECKED - JHG

REVISED -
REVISED -
REVISED -
REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PIER 1 & 2 BAR LISTS
STRUCTURE NO. 016-1512**

SHEET NO. SB37 OF SB43 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
373	(0707-608&611)HB-B	COOK	177	153
CONTRACT NO. 60W77			ILLINOIS FED. AID PROJECT	