PIER 1
BILL OF MATERIAL

	Bar	No.	Size	Length	Shape
	h20(E)	20	#5	29'-9"	
	h21(E)	5	#5	40'-8"	
	h23(E)	50	#5	24'-9'	
	n20(E)	4	#6	7'-3"	
	p20(E)	12	#10	21'-1"	
	p21(E)	6	#10	38'-5"	
	p22(E)	24	#10	34'-3"	
	s20(E)	106	#5	12'-1"	
	s21(E)	40	#5	8'-9"	
	s22(E)	68	#6	19'-4"	
	s23(E)	42	#5	8'-8"	
	s24(E)	68	#6	15'-10"	
**	sp20(E)	4	#5	6'-2"	
	t20(E)	75	#6	11'-0"	
	t21(E)	76	#9	16'-0"	
	u20(E)	34	#6	11'-10"	
	v20(E)	32	#9	12'-10"	
	v21(E)	4	#6	8'-4"	
	w20(E)	48	#5	26'-6"	

Pile Shoes	Each	21
Structure Excavation	Cu. Yd.	192
Concrete Structures	Cu. Yd.	142.5
Reinforcement Bars, Epoxy Coated	Pound	22,640
Furnishing Steel Piles HP12x53	Foot	660
Driving Piles	Foot	660
Test Pile Steel HP12x53	Each	1
Concrete Sealer	Sq. Ft.	1604

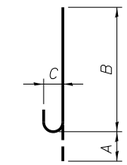
** Length is height of spiral.

PIER 2
BILL OF MATERIAL

	Bar	No.	Size	Length	Shape
	h20(E)	20	#5	29'-9"	
	h21(E)	5	#5	40'-8"	
	h23(E)	54	#5	24'-9'	
	n20(E)	4	#6	7'-3"	
	p20(E)	12	#10	21'-1"	
	p21(E)	6	#10	38'-5"	
	p22(E)	24	#10	34'-3"	
	s20(E)	106	#5	12'-1"	
	s21(E)	40	#5	8'-9"	
	s23(E)	42	#5	8'-8"	
	s24(E)	68	#6	15'-10"	
	s25(E)	68	#6	21'-4"	
**	sp20(E)	4	#5	6'-2"	
	t20(E)	75	#6	11'-0"	
	t21(E)	76	#9	16'-0"	
	u20(E)	36	#6	11'-10"	
	v20(E)	32	#9	12'-10"	
	v22(E)	4	#6	9'-4"	
	w20(E)	48	#5	26'-6"	

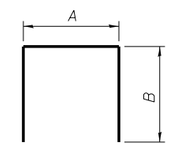
Pile Shoes	Each	21
Structure Excavation	Cu. Yd.	223
Concrete Structures	Cu. Yd.	147.7
Reinforcement Bars, Epoxy Coated	Pound	22,990
Furnishing Steel Piles HP12x53	Foot	640
Driving Piles	Foot	640
Test Pile Steel HP12x53	Each	1
Concrete Sealer	Sq. Ft.	1582

** Length is height of spiral.



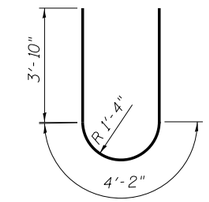
BARS n20(E) & v20(E)

BAR	A	B	C
n20(E)	8"	6'-7"	6"
v20(E)	1'-3"	11'-7"	11¾"

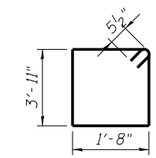


BARS s21(E)-s25(E) & t21(E)

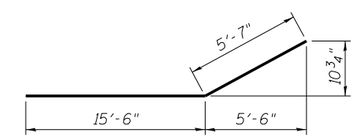
BAR	A	B
s21(E)	1'-8"	3'-6½"
s22(E)	2'-8"	8'-4"
s23(E)	2'-8"	3'-0"
s24(E)	2'-8"	6'-7"
s25(E)	2'-8"	9'-4"
t21(E)	11'-0"	2'-6"



BAR u20(E)



BAR s20(E)



BAR p20(E)

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PIER 1 & 2 BAR LISTS
STRUCTURE NO. 016-1510

SHEET NO. SA36 OF SA43 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
373	(0707-608&611)HB-B	COOK	177	101
		CONTRACT NO. 60W77		
	ILLINOIS	FED. AID PROJECT		

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