

PIER 7 BILL OF MATERIAL

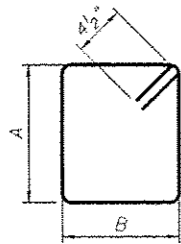
Bar	No.	Size	Length	Shape
d530(E)	6	#7	6'-2"	—
n530(E)	20	#8	13'-11"	—
p530(E)	4	#8	16'-3"	—
p531(E)	4	#8	6'-0"	—
p532(E)	6	#8	7'-4"	—
p533(E)	22	#5	2'-3"	—
s530(E)	12	#5	15'-3"	—
s532(E)	9	#4	12'-5"	—
l530(E)	15	#7	12'-6"	—
u530(E)	5	#5	13'-3"	—
w530(E)	24	#6	8'-2"	—
Structure Excavation			Cu. Yd.	4
Concrete Structures			Cu. Yd.	13.5
Reinforcement Bars, Epoxy Coated			Pound	2,240
Furnishing Steel Piles HP12x53			Foot	135
Driving Piles			Foot	135
Test Pile Steel HP12x53			Each	1
Pile Shoes			Each	4
Concrete Sealer			Sq. Ft.	229

PIER 8 BILL OF MATERIAL

Bar	No.	Size	Length	Shape
d540(E)	6	#7	5'-2"	—
d541(E)	10	#5	4'-0"	—
n541(E)	4	#8	10'-6"	—
n542(E)	4	#5	10'-6"	—
n540(E)	14	#8	18'-11"	—
n541(E)	11	#6	9'-10"	—
p540(E)	6	#8	17'-10"	—
p541(E)	4	#8	6'-4"	—
p542(E)	26	#5	2'-11"	—
s531(E)	17	#4	8'-5"	—
s540(E)	10	#5	9'-3"	—
s542(E)	12	#5	7'-6"	—
l540(E)	26	#6	8'-8"	—
u540(E)	10	#5	9'-9"	—
w540(E)	20	#8	10'-6"	—
Structure Excavation			Cu. Yd.	96
Concrete Structures			Cu. Yd.	16.1
Reinforcement Bars, Epoxy Coated			Pound	2,850
Furnishing Steel Piles HP12x53			Foot	120
Driving Piles			Foot	120
Test Pile Steel HP12x53			Each	1
Pile Shoes			Each	4

PIER 9 BILL OF MATERIAL

Bar	No.	Size	Length	Shape
d541(E)	10	#5	4'-0"	—
d550(E)	6	#7	3'-8"	—
n551(E)	4	#8	9'-9"	—
n552(E)	4	#5	9'-9"	—
n540(E)	14	#8	18'-11"	—
n541(E)	11	#6	9'-10"	—
p540(E)	6	#8	17'-10"	—
p542(E)	28	#5	2'-11"	—
p551(E)	4	#8	4'-10"	—
s531(E)	16	#4	8'-5"	—
s542(E)	12	#5	7'-6"	—
s550(E)	8	#5	9'-5"	—
l540(E)	24	#6	8'-8"	—
u540(E)	6	#5	9'-9"	—
u550(E)	4	#5	6'-9"	—
w550(E)	20	#8	9'-9"	—
Structure Excavation			Cu. Yd.	62
Concrete Structures			Cu. Yd.	15.1
Reinforcement Bars, Epoxy Coated			Pound	2,710
Furnishing Steel Piles HP12x53			Foot	135
Driving Piles			Foot	135
Test Pile Steel HP12x53			Each	1
Pile Shoes			Each	4



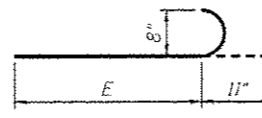
BARS s530(E), s531(E), s532(E), s540(E) & s550(E)

Bar	A	B
s530(E)	4'-3"	3'-0"
s531(E)	1'-11"	1'-11"
s532(E)	3'-2"	2'-8"
s540(E)	2'-9"	1'-6"
s550(E)	2'-10"	1'-6"



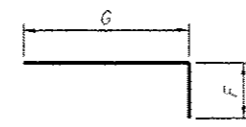
BARS n541(E), p541(E), s542(E), u540(E), p551(E), u550(E), p532(E), u530(E), l530(E) & w530(E)

Bar	C	D
n541(E)	3'-10"	2'-2"
p541(E)	1'-4"	3'-8"
s542(E)	2'-8"	2'-2"
u540(E)	3'-10"	2'-1"
p551(E)	1'-4"	2'-2"
u550(E)	2'-4"	2'-1"
p532(E)	1'-4"	4'-8"
u530(E)	4'-10"	3'-7"
l530(E)	1'-2"	10'-2"
w530(E)	1'-0"	6'-2"



BARS n530(E) & n540(E)

Bar	E
n530(E)	13'-0"
n540(E)	18'-0"



BARS d540(E), p540(E), p542(E), d550(E), p530(E), p531(E), p533(E) & d530(E)

Bar	F	G
d540(E)	1'-2"	4'-0"
p540(E)	1'-4"	16'-6"
p542(E)	11"	1'-10"
d550(E)	1'-2"	2'-6"
p530(E)	1'-4"	14'-11"
p531(E)	1'-4"	4'-8"
p533(E)	11"	1'-4"
d530(E)	1'-2"	5'-0"



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312-865-0450 Job No. 14093

FILE NAME	USER NAME - aharris	DESIGNED - AWH	REVISED - 9/11/2014 AWH
		CHECKED - AJK	REVISED -
		DRAWN - AWH	REVISED -
		CHECKED - AJK	REVISED -
0162486_60J16_898_Pier_7_8_9_Bar_Bends.dgn	9/11/2014		

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PIERS 7, 8 & 9 BAR BENDS AND BILL OF MATERIAL
STRUCTURE NO. 016-0486**

SHEET NO. 5088 OF 50100 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
373	2013-038B-R	COOK	821	678
CONTRACT NO. 60J16				
[ILLINOIS] FED. AID PROJECT				