ROUTE No.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.P. 827	12Z-3, 12BR	WABASH, IL GIBSON, IN	158	98
STA.		TO STA.		
F.H.W.A. REGION		ILLINOIS	PROJECT	

BRIDGE SHEET S82 OF S114

CONTRACT 94450

PIER 5
BILL OF MATERIAL

Bar	No.	Size	Length	Shape
n201(E)	80	#11	17'- 0"	
p200(E)	30	#11	48'- 8"	
p214(E)	2	#11	37'- 0"	
p215(E)	2	#11	31'- 7"	
p216(E)	18	#11	25'- 9"	
p217(E)	2	#11	19'- 6"	
p218(E)	16	#8	27'- 7"	
p219(E)	2	#11	43'- 3"	
s207(E)	48	#6	11'- 6"	
s208(E)	80	#6	13'- 6"	
s209(E)	184	#6	16'- 6"	
s211(E)	69	#6	22'- 2"	
s212(E)	138	#6	15'- 4"	
s213(E)	276	#6	21'- 2"	
t209(E)	27	#5	9'- 6"	
t210(E)	30	#11	17'- 6"	
u201(E)	10	#5	10'- 6"	
v207(E)	80	#11	39'- 0"	
w208(E)	17	#5	19'- 6"	
w209(E)	19	#11	27'- 6"	

Pay Item	Unit	Total
Concrete Structures	Cu. Yd.	264
Reinf. Bars, Epoxy Coated	Pound	64,150
Mechanical Splice	Each	80
Furn. Steel Piles HP 14x117	Foot	126
Setting Piles in Rock	Each	6
Form Liner Textured Surf.	Sq. Ft.	503
Cofferdam (Pier 5)	Each	1
Cofferdam Excavation (Special)	Cu. Yd.	579
Seal Coat Concrete (Special)	Cu. Yd.	414

PIER 6
BILL OF MATERIAL

Bar	No.	Size	Length	Shape
n201(E)	80	#11	17'- 0"	
p200(E)	30	#11	48'- 8"	
p214(E)	2	#11	37'- 0"	
p215(E)	2	#11	31'- 7"	
p216(E)	18	#11	25'- 9"	
p217(E)	2	#11	19'- 6"	
p218(E)	16	#8	27'- 7"	
p219(E)	2	#11	43'- 3"	
s207(E)	48	#6	11'- 6"	
s208(E)	80	#6	13'- 6"	
s209(E)	184	#6	16'- 6"	
s211(E)	69	#6	22'- 2"	
s212(E)	138	#6	15'- 4"	
s213(E)	276	#6	21'- 2"	
t206(E)	41	#5	19'- 6"	
t207(E)	41	#11	31'- 6"	
u201(E)	10	#5	10'- 6"	
v207(E)	80	#11	39'- 0"	
w205(E)	29	#5	31'- 6"	
w206(E)	32	#11	43'- 6"	

Pay Item	Unit	Total
Concrete Structures	Cu. Yd.	381
Reinf. Bars, Epoxy Coated	Pound	74,020
Mechanical Splice	Each	80
Test Pile Steel HP 14x117	Each	1
Furn. Steel Piles HP 14x117	Foot	3,169
Driving Piles	Foot	3,169
Pile Shoes	Each	40
Cofferdam (Pier 6)	Each	1
Cofferdam Excavation	Cu. Yd.	1,259
Seal Coat Concrete	Cu. Yd.	889
Form Liner Textured Surf.	Sq. Ft.	516

PIER 7
BILL OF MATERIAL

Bar	No.	Size	Length	Shape
n201(E)	80	#11	17'- 0"	
p200(E)	30	#11	48'- 8"	
p214(E)	2	#11	37'- 0"	
p215(E)	2	#11	31'- 7"	
p216(E)	18	#11	25'- 9"	
p217(E)	2	#11	19'- 6"	
p218(E)	16	#8	27'- 7"	
p219(E)	2	#11	43'- 3"	
s207(E)	48	#6	11'- 6"	
s208(E)	80	#6	13'- 6"	
s209(E)	184	#6	16'- 6"	
s211(E)	65	#6	22'- 2"	
s212(E)	130	#6	15'- 4"	
s213(E)	260	#6	21'- 2"	
t206(E)	41	#5	19'- 6"	
t207(E)	41	#11	31'- 6"	
u201(E)	10	#5	10'- 6"	
v206(E)	80	#11	34'- 11"	
w205(E)	29	#5	31'- 6"	
w206(E)	32	#11	43'- 6"	

Pay Item	Unit	Total
Concrete Structures	Cu. Yd.	372
Reinf. Bars, Epoxy Coated	Pound	71,450
Mechanical Splice	Each	80
Furn. Steel Piles HP 14x117	Foot	3,412
Driving Piles	Foot	3,412
Pile Shoes	Each	40
Cofferdam (Pier 7)	Each	1
Cofferdam Excavation	Cu. Yd.	1,259
Seal Coat Concrete	Cu. Yd.	889
Form Liner Textured Surf.	Sq. Ft.	494

PIER 8
BILL OF MATERIAL

Bar	No.	Size	Length	Shape
n201(E)	80	#11	17'- 0"	
p200(E)	30	#11	48'- 8"	
p214(E)	2	#11	37'- 0"	
p215(E)	2	#11	31'- 7"	
p216(E)	18	#11	25'- 9"	
p217(E)	2	#11	19'- 6"	
p218(E)	16	#8	27'- 7"	
p219(E)	2	#11	43'- 3"	
s207(E)	48	#6	11'- 6"	
s208(E)	80	#6	13'- 6"	
s209(E)	184	#6	16'- 6"	
s211(E)	61	#6	22'- 2"	
s212(E)	122	#6	15'- 4"	
s213(E)	244	#6	21'- 2"	
t206(E)	41	#5	19'- 6"	
t208(E)	41	#11	30'- 6"	
u201(E)	10	#5	10'- 6"	
v206(E)	80	#11	34'- 11"	
w205(E)	29	#5	31'- 6"	
w207(E)	32	#11	42'- 6"	

Pay Item	Unit	Total
Concrete Structures	Cu. Yd.	352
Reinf. Bars, Epoxy Coated	Pound	70,240
Mechanical Splice	Each	80
Test Pile Steel HP 14x117	Each	1
Furn. Steel Piles HP 14x117	Foot	3,690
Driving Piles	Foot	3,690
Pile Shoes	Each	40
Cofferdam (Pier 8)	Each	1
Cofferdam Excavation	Cu. Yd.	1,185
Seal Coat Concrete	Cu. Yd.	839
Form Liner Textured Surf.	Sq. Ft.	456

DESIGNED	CDF/RMG
CHECKED	HMA/VH
DRAWN	CDF
CHECKED	HMA/VH

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ILLINOIS DEPARTMENT OF TRANSPORTATION
IL ROUTE 15/IN ROUTE 64
OVER WABASH RIVER PUBLIC WATERS
FAP 827 SECT 12Z-3, 12BR

PIERS 5, 6, 7 & 8
BILL OF MATERIAL

SN: 093-0021 (IL)/9502700 (IN)
WABASH CO., IL.

STA. 1036+27
DATE: JUNE 15, 2007

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