ROUTE No.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.P. 827	12Z-3, 12BR	WABASH, IL GIBSON, IN	158	100
STA.		TO STA.		
F.H.W.A. REGION		ILLINOIS	PROJECT	

BRIDGE SHEET S84 OF S114

CONTRACT 94450

PIER 13
BILL OF MATERIAL

Bar	No.	Size	Length	Shape
d200(E)	50	#8	4'- 6"	
n201(E)	68	#11	17'- 0"	
p206(E)	16	#8	27'- 7"	
p207(E)	36	#9	48'- 8"	
p208(E)	8	#4	25'- 3"	
p209(E)	4	#4	24'- 0"	
p210(E)	4	#4	20'- 4"	
p211(E)	4	#4	17'- 2"	
p212(E)	2	#4	26'- 0"	
p213(E)	2	#4	19'- 6"	
s204(E)	80	#6	13'- 4"	
s207(E)	32	#6	11'- 6"	
s208(E)	64	#6	13'- 6"	
s209(E)	120	#6	16'- 6"	
s210(E)	160	#6	19'- 2"	
s211(E)	40	#6	22'- 2"	
t201(E)	28	#5	14'- 0"	
t203(E)	31	#5	21'- 0"	
u201(E)	10	#5	10'- 6"	
v202(E)	68	#11	11'- 3"	
w201(E)	21	#5	21'- 0"	
w203(E)	21	#5	30'- 0"	

Pay Item	Unit	Total
Concrete Structures	Cu. Yd.	192
Reinf. Bars, Epoxy Coated	Pound	32,990
Structure Excavation	Cu. Yd.	200
Test Pile Steel HP 14x117	Each	1
Furn. Steel Piles HP 14x117	Foot	2,291
Driving Piles	Foot	2,291
Concrete Sealer	Sq. Ft.	319
Mechanical Splice	Each	68
Form Liner Textured Surf.	Sq. Ft.	114

PIER 14
BILL OF MATERIAL

Bar	No.	Size	Length	Shape
n200(E)	56	#11	15'- 0"	
p200(E)	22	#11	48'- 8"	
p201(E)	2	#11	43'- 3"	
p202(E)	2	#11	37'- 3"	
p203(E)	2	#11	31'- 2"	
p204(E)	8	#11	25'- 0"	
p205(E)	2	#11	19'- 0"	
p206(E)	16	#8	27'- 7"	
s200(E)	32	#6	10'- 8"	
s201(E)	56	#6	12'- 8"	
s202(E)	168	#6	15'- 8"	
s203(E)	96	#6	14'- 8"	
s204(E)	64	#6	13'- 4"	
s205(E)	64	#6	5'- 4"	
s206(E)	64	#6	16'- 8"	
t201(E)	28	#5	14'- 0"	
t202(E)	31	#11	22'- 0"	
u200(E)	8	#8	13'- 4"	
v202(E)	56	#11	11'- 3"	
w201(E)	21	#5	21'- 0"	
w202(E)	21	#11	29'- 0"	

Pay Item	Unit	Total
Concrete Structures	Cu. Yd.	147
Reinf. Bars, Epoxy Coated	Pound	36,190
Structure Excavation	Cu. Yd.	200
Furn. Steel Piles HP 14x117	Foot	2,733
Driving Piles	Foot	2,733
Pile Shoes	Each	24
Mechanical Splice	Each	56
Form Liner Textured Surf.	Sq. Ft.	100

PIER 15
BILL OF MATERIAL

Bar	No.	Size	Length	Shape
n200(E)	56	#11	15'- 0"	
p200(E)	22	#11	48'- 8"	
p201(E)	2	#11	43'- 3"	
p202(E)	2	#11	37'- 3"	
p203(E)	2	#11	31'- 2"	
p204(E)	8	#11	25'- 0"	
p205(E)	2	#11	19'- 0"	
p206(E)	16	#8	27'- 7"	
s200(E)	32	#6	10'- 8"	
s201(E)	56	#6	12'- 8"	
s202(E)	168	#6	15'- 8"	
s203(E)	93	#6	14'- 8"	
s204(E)	62	#6	13'- 4"	
s205(E)	62	#6	5'- 4"	
s206(E)	62	#6	16'- 8"	
t201(E)	28	#5	14'- 0"	
t202(E)	31	#11	22'- 0"	
u200(E)	8	#8	13'- 4"	
v202(E)	56	#11	11'- 3"	
w201(E)	21	#5	21'- 0"	
w202(E)	21	#11	29'- 0"	

Pay Item	Unit	Total
Concrete Structures	Cu. Yd.	145
Reinf. Bars, Epoxy Coated	Pound	36,020
Structure Excavation	Cu. Yd.	194
Test Pile Steel HP 14x117	Each	1
Furn. Steel Piles HP 14x117	Foot	2,551
Driving Piles	Foot	2,551
Pile Shoes	Each	24
Mechanical Splice	Each	56
Form Liner Textured Surf.	Sq. Ft.	95

PIER 16
BILL OF MATERIAL

Bar	No.	Size	Length	Shape
d200(E)	50	#8	4'- 6"	
n201(E)	68	#11	17'- 0"	
p206(E)	16	#8	27'- 7"	
p207(E)	36	#9	48'- 8"	
p208(E)	8	#4	25'- 3"	
p209(E)	4	#4	24'- 0"	
p210(E)	4	#4	20'- 4"	
p211(E)	4	#4	17'- 2"	
p212(E)	2	#4	26'- 0"	
p213(E)	2	#4	19'- 6"	
s204(E)	80	#6	13'- 4"	
s207(E)	32	#6	11'- 6"	
s208(E)	64	#6	13'- 6"	
s209(E)	120	#6	16'- 6"	
s210(E)	160	#6	19'- 2"	
s211(E)	40	#6	22'- 2"	
t203(E)	30	#5	21'- 0"	
t204(E)	31	#11	32'- 0"	
u200(E)	10	#8	13'- 4"	
v202(E)	68	#11	11'- 3"	
w201(E)	30	#5	21'- 0"	
w204(E)	31	#11	32'- 0"	

Pay Item	Unit	Total
Concrete Structures	Cu. Yd.	237
Reinf. Bars, Epoxy Coated	Pound	42,880
Structure Excavation	Cu. Yd.	301
Furn. Steel Piles HP 14x117	Foot	4,157
Driving Piles	Foot	4,157
Pile Shoes	Each	36
Mechanical Splice	Each	68
Form Liner Textured Surf.	Sq. Ft.	109

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

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Job No. 3426

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

PIERS 13, 14, 15 & 16
BILL OF MATERIAL

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

STA. 1036+27
DATE: JUNE 15, 2007

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