ROUTE No.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.P. 827	12Z-3, 12BR	WABASH, IL GIBSON, IN	158	97
STA.		TO STA.		
F.H.W.A. REGION		ILLINOIS	PROJECT	

BRIDGE SHEET S81 OF S114

CONTRACT 94450

PIER 1
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)	87	#6	14'- 8"	
s204(E)	58	#6	13'- 4"	
s205(E)	58	#6	5'- 4"	
s206(E)	58	#6	16'- 8"	
t201(E)	28	#5	14'- 0"	
t202(E)	31	#11	22'- 0"	
u200(E)	8	#8	13'- 4"	
v201(E)	56	#11	7'- 10"	
w201(E)	21	#5	21'- 0"	
w202(E)	21	#11	29'- 0"	

Pay Item	Unit	Total
Concrete Structures	Cu. Yd.	140
Reinf. Bars, Epoxy Coated	Pound	34,660
Structure Excavation	Cu. Yd.	172
Furn. Steel Piles HP 14x117	Foot	788
Driving Piles	Foot	788
Pile Shoes	Each	24
Mechanical Splice	Each	56
Form Liner Textured Surf.	Sq. Ft.	68

PIER 2
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)	92	#6	13'- 4"	
s207(E)	32	#6	11'- 6"	
s208(E)	64	#6	13'- 6"	
s209(E)	120	#6	16'- 6"	
s210(E)	184	#6	19'- 2"	
s211(E)	46	#6	22'- 2"	
t203(E)	30	#5	21'- 0"	
t204(E)	31	#11	32'- 0"	
u201(E)	10	#5	10'- 6"	
v204(E)	68	#11	18'- 11"	
w201(E)	30	#5	21'- 0"	
w204(E)	31	#11	32'- 0"	

Pay Item	Unit	Total
Concrete Structures	Cu. Yd.	252
Reinf. Bars, Epoxy Coated	Pound	46,540
Structure Excavation	Cu. Yd.	275
Test Pile Steel HP 14x117	Each	1
Furn. Steel Piles HP 14x117	Foot	903
Driving Piles	Foot	903
Pile Shoes	Each	36
Mechanical Splice	Each	68
Form Liner Textured Surf.	Sq. Ft.	160

PIER 3
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)	120	#6	14'- 8"	
s204(E)	80	#6	13'- 4"	
s205(E)	80	#6	5'- 4"	
s206(E)	80	#6	16'- 8"	
t201(E)	28	#5	14'- 0"	
t202(E)	31	#11	22'- 0"	
u200(E)	8	#8	13'- 4"	
v204(E)	56	#11	18'- 11"	
w201(E)	21	#5	21'- 0"	
w202(E)	21	#11	29'- 0"	

Pay Item	Unit	Total
Concrete Structures	Cu. Yd.	160
Reinf. Bars, Epoxy Coated	Pound	39,850
Structure Excavation	Cu. Yd.	198
Furn. Steel Piles HP 14x117	Foot	616
Driving Piles	Foot	616
Pile Shoes	Each	24
Mechanical Splice	Each	56
Form Liner Textured Surf.	Sq. Ft.	171

PIER 4
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)	44	#6	22'- 2"	
s212(E)	88	#6	15'- 4"	
s213(E)	176	#6	21'- 2"	
t209(E)	27	#5	9'- 6"	
t210(E)	30	#11	17'- 6"	
u201(E)	10	#5	10'- 6"	
v204(E)	80	#11	18'- 11"	
w208(E)	17	#5	19'- 6"	
w209(E)	19	#11	27'- 6"	

Pay Item	Unit	Total
Concrete Structures	Cu. Yd.	189
Reinf. Bars, Epoxy Coated	Pound	50,450
Concrete Sealer	Sq. Ft.	319
Mechanical Splice	Each	80
Furn. Steel Piles HP 14x117	Foot	138
Setting Piles in Rock	Each	6
Form Liner Textured Surf.	Sq. Ft.	198
Cofferdam (Pier 4)	Each	1
Cofferdam Excavation (Special)	Cu. Yd.	610
Seal Coat Concrete (Special)	Cu. Yd.	448

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

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alfred benesch & company
Engineers • Surveyors • Planners
205 North Michigan Avenue, Suite 2400
Chicago, Illinois 60601
312-565-0450
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 1, 2, 3 & 4
BILL OF MATERIAL

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

STA. 1036+27
DATE: JUNE 15, 2007

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