ROUTE No.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.P. 827	12Z-3, 12BR	WABASH, IL GIBSON, IN	158	99
STA.		TO STA.		
F.H.W.A. REGION		ILLINOIS	PROJECT	

BRIDGE SHEET S83 OF S114

CONTRACT 94450

PIER 9
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"	
t201(E)	28	#5	14'- 0"	
t203(E)	31	#5	21'- 0"	
u201(E)	10	#5	10'- 6"	
v206(E)	80	#11	34'- 11"	
w201(E)	21	#5	21'- 0"	
w203(E)	21	#5	30'- 0"	

Pay Item	Unit	Total
Concrete Structures	Cu. Yd.	267
Reinf. Bars, Epoxy Coated	Pound	56,790
Concrete Sealer	Sq. Ft.	319
Mechanical Splice	Each	80
Furn. Steel Piles HP 14x117	Foot	2,241
Driving Piles	Foot	2,241
Pile Shoes	Each	24
Cofferdam (Pier 9)	Each	1
Cofferdam Excavation	Cu. Yd.	1,157
Seal Coat Concrete	Cu. Yd.	445
Form Liner Textured Surf.	Sq. Ft.	222

PIER 10
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)	126	#6	14'- 8"	
s204(E)	84	#6	13'- 4"	
s205(E)	84	#6	5'- 4"	
s206(E)	84	#6	16'- 8"	
t201(E)	28	#5	14'- 0"	
t202(E)	31	#11	22'- 0"	
u200(E)	8	#8	13'- 4"	
v205(E)	56	#11	21'- 8"	
w201(E)	21	#5	21'- 0"	
w202(E)	21	#11	29'- 0"	

Pay Item	Unit	Total
Concrete Structures	Cu. Yd.	165
Reinf. Bars, Epoxy Coated	Pound	41,010
Structure Excavation	Cu. Yd.	198
Test Pile Steel HP 14x117	Each	1
Furn. Steel Piles HP 14x117	Foot	1,748
Driving Piles	Foot	1,748
Mechanical Splice	Each	56
Form Liner Textured Surf.	Sq. Ft.	224

PIER 11
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)	100	#6	13'- 4"	
s207(E)	32	#6	11'- 6"	
s208(E)	64	#6	13'- 6"	
s209(E)	120	#6	16'- 6"	
s210(E)	200	#6	19'- 2"	
s211(E)	50	#6	22'- 2"	
t203(E)	30	#5	21'- 0"	
t204(E)	31	#11	32'- 0"	
u201(E)	10	#5	10'- 6"	
v205(E)	68	#11	21'- 8"	
w201(E)	30	#5	21'- 0"	
w204(E)	31	#11	32'- 0"	

Pay Item	Unit	Total
Concrete Structures	Cu. Yd.	266
Reinf. Bars, Epoxy Coated	Pound	48,280
Structure Excavation	Cu. Yd.	280
Test Pile Steel HP 14x117	Each	1
Furn. Steel Piles HP 14x117	Foot	2,528
Driving Piles	Foot	2,528
Mechanical Splice	Each	68
Form Liner Textured Surf.	Sq. Ft.	253

PIER 12
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)	123	#6	14'- 8"	
s204(E)	82	#6	13'- 4"	
s205(E)	82	#6	5'- 4"	
s206(E)	82	#6	16'- 8"	
t201(E)	28	#5	14'- 0"	
t202(E)	31	#11	22'- 0"	
u200(E)	8	#8	13'- 4"	
v205(E)	56	#11	21'- 8"	
w201(E)	21	#5	21'- 0"	
w202(E)	21	#11	29'- 0"	

Pay Item	Unit	Total
Concrete Structures	Cu. Yd.	163
Reinf. Bars, Epoxy Coated	Pound	40,840
Structure Excavation	Cu. Yd.	180
Test Pile Steel HP 14x117	Each	1
Furn. Steel Piles HP 14x117	Foot	1,583
Driving Piles	Foot	1,583
Mechanical Splice	Each	56
Form Liner Textured Surf.	Sq. Ft.	220

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

benesch

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 9, 10, 11 & 12
BILL OF MATERIAL

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

STA. 1036+27
DATE: JUNE 15, 2007

m:\proj3426\stage_2\structures\design\sub\spidt103.dgn
1:01:57 PM
6/26/2007