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ROUTE NO.	SECTION	COU	NTY	SHEETS	NO.	SHEET NO. 2
F.A.P. RTE. 774	107BY	EFFINGHAM		344	317	29 SHEETS
FED. ROAD D	IST. NO. 7	ILLINOIS	FED. AID	PROJECT-		

ND, 25

CONTRACT NO. 94827

Bar	No.	Size	Length	Shape
h <sub>IO</sub> (E)	36	#5	5′-8″	
hn (E)	180	#5	6'-2"	transmission .
h <sub>12</sub> (E)	12	#5	4'-11"	
h <sub>13</sub> (E)	60	#5	5′-3″	******
h <sub>14</sub> (E)	120	#5	3'-7"	
h15 (E)	6	#5	8'-5"	
h <sub>16</sub> (E)	12	#5	29'-6"	
h <sub>17</sub> (E)	12	#5	19'-1"	
h <sub>18</sub> (Е)	6	#5	6′-9″	
р <sub>10</sub> (Е)	28	#7	19′-0″	
<i>р</i> <sub>Ш</sub> (Е)	24	#7	29'-2"	
<i>р</i> јг (Е)	8	#7	7'-4"	
s <sub>10</sub> (E)	84	#4	10'-7"	3
s <sub>11</sub> (E)	32	#4	7′-5″	Ц
s <sub>12</sub> (E)	48	#5	6′-2"	
s13 (E)	212	#4	6′-9″	Ц
s14 (E)	84	#4	10′-11″	
sp	8	#4	24'-8"	~~~~
sp <sub>1</sub> (E)	8	#4	16'-2"	~~~~
u <sub>10</sub> (E)	14	#6	15′-1″	
V11	64	#9	24'-8"	
V12 (E)	64	#9	9'-2"	
V13 (E)	64	#9	18'-4"	
v <sub>14</sub> (E)	104	#5	4′-11″	
V15 (E)	104	#5	18'-2"	
Underwater Structure Excavation Protection Locations 3 & 4			Each	2
Drilled 36''	Shaft i	n Soil	Foot	119
Drilled Shaft in Rock 30''			Foot	81
Concre	te Stru	ctures	Cu. Yd.	144.7
Reinforcement Bars, Epoxy Coated			Pound	18,160
Reinfor	cement	Bars	Pound	7160
Bar Sp.	licers		Each	378

Minimum lap for spirals =  $1\frac{l_2}{2}$  turns.

\*\*Length is height of spiral.

Bars indicated thus 3 x 2-#7 etc. indicates 3 lines of bars with 2 lengths per line.

ower I shafts.	Work this sheet with sheet 24 of	29.
spacers	SHEET TITLE PIER DETAILS	
he base	PROJECT IL RTE. 32/33 OVER LITTLE WABASH RIVER F.A.P. RTE. 774 SECTION 107BY EFFINGHAM COUNTY STATION 1011+50.17 STRUCTURE NO. 025-0078	PROJECT NO. SCALE DATE ORAWN BY CHECKED BY GJB/MCB
	COOMBE-BLOXDORF P.C. Engineers /Land Surveyors Springfield, Illinois Design Firm License No. 184-002703	DRAWING NO. 25 DF 29 SHTS