

BILL OF MATERIAL								
Bar	No.	Size	Length	Shape				
h(E)	8	#5	31'-2"					
$h_I(E)$	8	#5	26'-3"					
h ₂ (E)	5	#6	31'-2"					
h ₃ (E)	5	#6	26'-3"					
p(E)	17	#9	31'-2"					
р ₁ (Е)	17	#9	26'-3"					
$p_2(E)$	8	#9	31'-2"					
р ₃ (Е)	8	#9	26′-3″					
s(E)	142	#5	12′-3″					
sp(E)	3	#5	79′-3″	M				
u(E)	6	#6	16′-3″					
$u_I(E)$	4	#5	8'-1"					
u ₂ (E)	6	#6	18′-10″	フ				
из(Е)	4	#5	7'-7"					
υ4(E)	40	#5	4′-6″					
v(E)	36	#10	45′-9″					
$v_I(E)$	60	#5	2'-6"					
v ₂ (E)	60	#5	3'-4"					
v3(E)	60	#5	7′-9"					
v4(E)	60	#5	9′-3″					
V5	36	#10	44'-4"					
Concrete Structures			Cu. Yd.					
Reinforcement Bars			Pound	6,870				
Reinforcement Bars, Epoxy Coated			Pound	20,570				
Drilled Shaft in Soil			Cu. Yd.	61.4				
Permanent Casing			Foot	375				
Concrete Sealer			Sq. Ft.	688				
Temporary Mechanically			54. 1 1.	000				
Temporary Mechanically Stabilized Earth			Sq. Ft.	1,464				
Retaining			1, 10 1					
Mechanically Stabilized								
Earth Retaining Wall			Sq. Ft.	2,930				
Removal	and Dis	sposal						
of Unsui	table Ma	Cu. Yd.	298.2					
for Stru								
Aggregate Column			L. Sum	0.23				

EAST ABUTMENT

round Improvement

Notes: Hatched area to be poured after superstructure false work has been removed. Quantity of concrete included with Concrete Superstructure on sheet S14 of S49.

Space reinforcement in cap to miss

anchor bolts. Pour steps monolithically with cap. For details of Bar Splicers, see sheet S43 of S49.

Quantity of embankment fill is included with roadway quantities.

Min. lap for spirals = 2'-6".

Temporary MSE walls required for stage construction shall remain in place. See SN016-1323 plans for remainder of Aggregate Column Ground Improvement quantity.

ign	the
sisi	t a
ibut	ment.

T DETAILS	F.A.P. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
. 016–1322	0383	0303-474HB-R	COOK	368	226
. 010–1322			CONTRACT	NO. 6	0F63
S49 SHEETS	ILLINOIS FED. AID PROJECT				