



WEST ABUIMENT								
Ľ	BILL	<u>ATERIAL</u>						
Bar	No.	Size	Length	Shape				
h ₁₁₀ (Ε)	8	#5	24'-3"					
h _{III} (E)	8	#5	26′-5″					
h ₁₁₂ (Ε)	5	#6	24'-3"					
h ₁₁₃ (Ε)	5	#6	26′-5″					
<i>р₁₁₀ (Е)</i>	16	#9	24'-3"					
р <u>по(Е)</u> р ₁₁₁ (Е)	16	#9	26'-5"					
$p_{II2}(E)$	8	#9	24'-3"					
P113(E)	8	#9 #9	26'-5"					
P113(L)	0	#9	20-5					
s ₁₁₀ (E)	116	#5	12′-3″					
sp ₁₁₀ (E)	3	#5	81′-0″	~~~				
00010(2)			01 0	,,,,,				
и <u>110</u> (Е)	6	#6	15′-7″					
u _{III} (E)	4	#5	7'-6"					
u ₁₁₂ (E)	6	#6	17′-10″					
u ₁₁₃ (E)	4	#5	7'-7"	7				
U ₁₁₄ (E)	40	#5	4'-6"					
- 11 1								
v ₁₁₀ (E)	36	#10	45′-9″					
v _{III} (E)	55	#5	2′-6″					
v ₁₁₂ (E)	55	#5	3′-4″					
v ₁₁₃ (E)	55	#5	7′-9"					
v ₁₁₄ (E)	55	#5	9′-3″					
	36	#10	47'-0"					
V ₁₁₅ 36 #10 Concrete Structures Reinforcement Bars		Cu. Yd.	47.8					
			Pound	7,290				
Reinforcement Bars, Epoxy Coated		Pound	19,510					
Drilled Shaft in Soil		Cu. Yd.	62.8					
Permanent Casing		Foot	375					
Concrete			Sq. Ft.	557				
Temporary Mechanically Stabilized Earth Retaining Wall			Sq. Ft.	2,191				
Mechanically Stabilized Earth Retaining Wall			Sq. Ft.	4,821				
Removal of Unsui for Stru	and Dis table Mo	posal	Cu. Yd.	598.9				
	5.0,00							

Notes:

Aggregate Column

round Improvement

Hatched area to be poured after superstructure false work has been removed. Quantity of concrete included with Concrete Superstructure on sheet SR11 of SR41.

L. Sum

0.45

Space reinforcement in cap to miss anchor bolts.

Pour steps monolithically with cap. For details of Bar Splicers, see

sheet SR38 of SR41.

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 SR30 of SR41 and SN016-1322 plans for remainder of Aggregate Column Ground Improvement quantity.

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IT DETAILS		SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
. 016–1323	0383	0303-474HB-R	COOK	368	274
. 010-1323			CONTRACT NO. 60F63		
SR41 SHEETS	ILLINOIS FED. AID PROJECT				