

\*\* The MSE wall supplier shall design the

## EAST ABUTMENT BILL OF MATERIAL

Bar	No.	Size	Length	Shape	
h(E)	8	#5	31'-2"		
h <sub>1</sub> (E)	8	#5	26'-3"		
h <sub>2</sub> (E)	5	#6	31'-2"		
h3(E)	5	#6	26'-3"		
p(E)	17	#9	31'-2"		
p <sub>1</sub> (E)	17	#9	26′-3"		
p <sub>2</sub> (E)	8	#9	31'-2"		
p3(E)	8	#9	26'-3"		
s(E)	142	#5	12'-3"		
sp(E)	3	#5	79′- 3"		
u(E)	6	#6	16'-3"		
$u_I(E)$	4	#5	8'-1"		
u <sub>2</sub> (E)	6	#6	18′-10"		
из(E)	4	#5	7′-7"	フ	
U4(E)	40	#5	4'-6"	<u> </u>	
v(E)	36	#10	45′-9"		
v <sub>1</sub> (E)	60	#5	2'-6"		
v <sub>2</sub> (E)	60	#5	3′-4"		
ν <sub>3</sub> (Ε)	60	#5	7′-9"		
v4(E)	60	#5	9′-3"		
V <sub>5</sub>	36	#10	44'-4"		
Concrete	Structi	ures	Cu. Yd.	66.0	
Reinforc			Pound	6,870	
Reinford		Bars,	Pound	20,570	
Ероху С					
Drilled S	haft in	Soil	Cu. Yd.	61.4	
Permane		ng	Foot	375	
Concrete			Sq. Ft.	688	
Tempora					
Stabilize			Sq. Ft.	1,464	
Retaining	y Wall				
Mechanically Stabilized			Sq. Ft.	2,930	
Earth Retaining Wall			- 4	_,,,,,,	
Removal and Disposal					
of Unsuitable Material			Cu. Yd.	298.2	
for Stru					
Aggrega			L. Sum	0.23	
Ground .	mprove	ment			

BAR u4(E)

2'-6"

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 SNO16-1323 plans for remainder of Aggregate Column Ground Improvement quantity.

abutment soil reinforcement to resist a horizontal force of 3.8 k/ft of abutment.

COLLINS 323 N. BOCKER Dr. SUITE 900 ENGINEERS 1816. 1312 706-530 ENGINEERS 2816. 1312 706-5300 LLIMOIS PROFESSIONAL DESIGN FIRM LICENSE NO. 184-80899;
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	USER NAME =	DESIGNED	-	MAH	REVISED
		CHECKED	-	LDB	REVISED
0	PLOT SCALE =	DRAWN	-	DR	REVISED
93	PLOT DATE =	CHECKED	-	JMH	REVISED

SECTION B-B

STATE OF ILLINOIS **DEPARTMENT OF TRANSPORTATION** 

Removal of unsuitable material.

EAST ABUTMENT DETAILS STRUCTURE NO. 016–1322								

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEE NO.
0383	0303-474HB-R	соок	368	226
		CONTRACT	NO. 6	OF 63
	ILLINOIS FED.	AID PROJECT		