



BILL OF MATERIALS FOR TWO ABUTMENTS:

LOCATION	BAR	QTY	SIZE	LENGTH	SHAPE	WEIGHT
CURTAIN W	U ₁ (E)	60	#5	8'-10"	—	552.6
ABUT & CURT	P(E)	36	#7	28'-9"	—	2115.6
ABUTMENT	S ₁ (E)	60	#4	10'-9"	□	430.8
ABUTMENT	U(E)	16	#6	11'-2 3/4"	—	269.8
ABUT & WING	H(E)	40	#4	5'-0"	—	133.6
ABUT & WING	H ₁ (E)	8	#4	5'-3"	—	28.0
WINGS	V(E)	16	#4	2'-8"	—	28.4
WINGS	V ₁ (E)	16	#4	3'-8"	—	39.2
BACK WALL	U ₂ (E)	60	#4	6'-8"	—	267.4
BACK WALL	H ₂ (E)	12	#4	28'-9"	—	230.5
WEAR SFCE	L(E)	29	#4	34'-6"	—	668.3
WEAR SFCE	A(E)	36	#4	28'-9"	—	691.4
EXT BEAMS	B(E)	28	#4	3'-1"	see detail	57.7**
REINFORCEMENT BARS				5455.6 LBS.		
CONCRETE STRUCTURES				27.8 CU. YD.		

** WEIGHT NOT INCLUDED IN TOTAL

ABUTMENT DETAILS & REINFORCEMENT

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0195	11-00314-00-BR	LEE	15	6
LEE COUNTY HW DEP'T.		CONTRACT NO. 85583		
ILLINOIS FED. AID PROJECT BRS-0195(106)				