

SUMMARY OF EARTHWORK

IN CUBIC YARDS

LOCATION	UNCLASSIFIED EXCAVATION	UNDERCUT	EMBT+%	BORROW	WASTE
PHASE III					
-L- MED 9+00.00 TO 18+50.00	144		442	298	
-L- MED 18+50.00 TO 30+00.00	124		1,385	1,261	
SUBTOTAL	268		1,827	1,559	
-L- MED 30+00.00 TO 60+00.00	358		1,912	1,554	
SUBTOTAL	358		1,912	1,554	
-L- MED 60+00.00 TO 90+00.00	434		598	164	
SUBTOTAL	434		598	164	
-L- MED 90+00.00 TO 99+00.00	457		0		457
-L- MED 99+00.00 TO 131+40.00	855		850		5
SUBTOTAL	1,312		850		462
-L- MED 131+40.00 TO 160+00.00	521		571	50	
-L- MED 160+00.00 TO 165+00.00	178		130		48
-L- MED 165+00.00 TO 168+00.00	54		0		54
SUBTOTAL	753		701	50	102
-L- MED 168+00.00 TO 169+50.00	54		0		54
-L- MED 169+50.00 TO 194+75.00	395		2,563	2,168	
SUBTOTAL	449		2,563	2,168	54
-L- MED 206+50.00 TO 207+65.00	45		0		45
-L- MED 207+65.00 TO 234+00.00	558		83		475
SUBTOTAL	603		83		520
-L- MED 234+00.00 TO 235+15.00	27		4		23
-L- MED 235+15.00 TO 241+50.00	254		0		254
-L- MED 241+50.00 TO 242+65.00	50		0		50
-L- MED 242+65.00 TO 262+75.00	183		24		159
SUBTOTAL	514		28		486
PHASE III TOTAL					
	4,691		8,562	5,495	1,624
PHASE I TOTAL					
	74,216		209,831	181,976	46,361
PHASE II TOTAL					
	24,634		25,572	8,833	7,895
GRAND SUBTOTAL					
	103,541		243,965	196,304	55,880
LOSS DUE TO CLEARING AND GRUBBING	-13,500			13,500	
MATERIAL FOR SHOULDER CONSTRUCTION			11,712	11,712	
WASTE TO REPLACE BORROW PHASE I				-46,361	-46,361
WASTE TO REPLACE BORROW PHASE II				-7,895	-7,895
WASTE TO REPLACE BORROW PHASE III				-1,624	-1,624
EST. 5% TO REPLACE TOPSOIL ON BORROW PITS				8,282	
GRAND TOTAL					
	90,041		255,677	173,918	0
SAY					
	91,000			174,000	

EST. DDE = 1,520 CY
 EST. UNDERCUT EXCAVATION = 3,950 CY
 EST. PAVEMENT STRUCTURE VOLUME = 68,250 CY

NOTE: Earthwork quantities are calculated by the Roadway Design Unit. These earthwork quantities are based in part on subsurface data provided by the Geotechnical Engineering Unit.

5/9/2024