

12/06/07

COMPUTED BY: RMK DATE: 11/01/17
 CHECKED BY: DWG DATE: 10/14/21

STATE OF NORTH CAROLINA
 DIVISION OF HIGHWAYS
SUMMARY OF EARTHWORK
 IN CUBIC YARDS



PROJECT REFERENCE NO. SHEET NO.
 U-5738 3B-1

STATION	STATION	UNCL. EXCAV.	UNDERCUT	EMBANK. +%	BORROW	WASTE
PHASE I						
SUMMARY NO. 1 (LT.)						
-L- STA. 13+08.74	-L- STA. 26+09.34 (BB)	60		103	43	
-RPA- STA. 10+00.00	-RPA- STA. 14+70.45	472				472
TOTAL SUMMARY NO. 1		532		103	43	472
SUMMARY NO. 2 (LT.)						
-L- STA. 28+67.44 (EB)	-L- STA. 32+50.00	20		5		15
TOTAL SUMMARY NO. 2		20		5		15
SUMMARY NO. 3 (LT.)						
-L- STA. 32+50.00	-L- STA. 70+15.00 (BB)	10,596	675	32,225	21,629	675
-Y2- STA. 10+80.00	-Y2- STA. 12+01.01	5		402	397	
-Y3- STA. 10+75.00	-Y3- STA. 11+43.10	24		22		2
TOTAL SUMMARY NO. 3		10,625	675	32,649	22,026	677
SUMMARY NO. 4 (LT.)						
-L- STA. 71+30.00 (EB)	-L- STA. 79+42.87	398		4,276	3,878	
-Y5- STA. 10+65.00	-Y5- STA. 11+97.74	35		358	323	
-Y8- STA. 10+43.00	-Y8- STA. 12+65.55	453		61		392
TOTAL SUMMARY NO. 4		886		4,695	4,201	392
PHASE II						
SUMMARY NO. 5 (RT.)						
-L- STA. 32+50.00	-L- STA. 70+15.00 (BB)	547		6,930	6,383	
-Y2- STA. 12+83.78	-Y2- STA. 13+70.00	18		78	60	
-Y4- STA. 10+41.22	-Y4- STA. 11+25.00	14		47	33	
TOTAL SUMMARY NO. 5		579		7,055	6,476	
SUMMARY NO. 6 (RT.)						
-L- STA. 71+30.00 (EB)	-L- STA. 79+16.20	74		1,034	1,230	
TOTAL SUMMARY NO. 6		74		1,034	1,230	
SUMMARY TOTALS		12,716	675	45,811	33,976	1,556
WASTE IN LIEU OF BORROW					-881	-881
GRADE POINT UNDERCUT			100	120	120	100
UNDERCUT CONTINGENCY			200	240	240	200
SHOULDER MATERIAL				180	180	
PROJECT TOTALS		12,716	975	46,351	33,635	975
EST. 5% TO REPLACE TOP SOIL ON BORROW PIT					1,682	
GRAND TOTALS		12,716	975	46,351	35,317	975
SAY		13,000			36,000	

DDE = 2,356 CY
 SHALLOW UNDERCUT = 390 CY
 -L- PAVEMENT STRUCTURE VOLUME = 1,821 CY

Earthwork quantities are calculated by the SEPI Engineering. These earthwork quantities are based in part on subsurface data provided by HDR Engineering.

Note: Approximate quantities only. Unclassified Excavation, Borrow Excavation, Fine Grading, Clearing and Grubbing, and Removal of Existing Pavement will be paid for at the contract lump sum price for "Grading."

I:\7\2022\Proj\U-5738_Rdy.sum_3B-1.dgn