

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

LOCATION	STATION	STATION	UNCLASSIFIED EXCAVATION	UNDERCUT	EMBT + %	BORROW	WASTE
SUMMARY 1: MAINLAND EARTHWORK							
PHASE I, STEP 2							
-L2-	16+61.78	19+27.06 (BR)	4	0	2,498	2,494	0
PHASE II, STEP 2							
-L1DET-	10+00.00	13+61.47	101	0	300	199	0
-Y2DET-	10+00.00	12+31.18	0	0	456	456	0
-Y1-	10+61.85	17+50.00	15	1,592	7,094	7,079	1,592
-Y1A-	12+90.00	14+87.00	8	0	546	538	0
PHASE III, STEPS 2, 3 & 5							
-L1DET- REMOVAL	11+00.00	13+00.00	16	0	0	0	16
-Y2DET- REMOVAL	10+50.00	12+00.00	156	0	0	0	156
-L1-	13+25.00	15+38.15	152	0	466	314	0
-RA1-	10+00.00	14+08.41	0	0	4,238	4,238	0
-Y2-	10+61.85	12+35.00	9	0	299	290	0
PHASE IV, STEP 1							
-Y1-	20+63.00	21+63.00	29	0	45	16	0
SUBTOTAL							
			490	1,592	15,941	15,623	1,764
WASTE IN LIEU OF BORROW							
ADDITIONAL UNDERCUT							
SELECT MATERIAL USED TO BACKFILL UNDERCUT							
			8	500	625	625	500
					-2,313	-2,313	
MAINLAND TOTAL							
			490	2,092	14,254	13,764	2,092
EST. 5% TO REPL. TOP SOIL ON BORROW PIT							
			490	2,092	14,452	688	2,092
MAINLAND GRAND TOTAL							
			490	2,092	14,452	14,452	2,092
SUMMARY 2: ISLAND EARTHWORK							
PHASE I, STEP 2							
-L2-	57+00.56 (BR)	58+44.52	0	0	1,054	1,054	0
PHASE II, STEP 3							
-RA2-	10+00.00	14+08.41	0	0	4,331	4,331	0
-SL1-	10+05.97	12+06.25	0	0	1,860	1,860	0
-SL2-	10+21.56	12+94.59	3	0	1,743	1,740	0
-Y3-	10+00.00	15+23.02	156	0	698	542	0
PHASE III, STEPS 4, 5 & 6							
-Y1-	31+95.70	48+26.04	4,390	0	2,316	0	2,074
-Y1-	48+72.07	53+75.20	76	0	88	12	0
-Y4-	10+61.85	14+35.00	21	0	508	487	0
SUBTOTAL							
			4,646	0	12,596	10,024	2,074
WASTE IN LIEU OF BORROW							
ADDITIONAL UNDERCUT							
SELECT MATERIAL USED TO BACKFILL UNDERCUT							
				1,000	1,250	1,250	1,000
					-1,250	-1,250	
ISLAND TOTAL							
			4,646	1,000	12,596	7,950	1,000
EST. 5% TO REPL. TOP SOIL ON BORROW PIT							
			4,646	1,000	398	8,348	1,000
ISLAND GRAND TOTAL							
			4,646	1,000	3,092	22,800	3,092
PROJECT TOTAL							
			5,136	3,092		22,800	3,092
SAY							
			5,200	3,100		23,000	

EST. SHALLOW UNDERCUT = 1,000 CY
 TOTAL SHALLOW UNDERCUT = 1,000 CY
 CLASS IV SUBGRADE STABILIZATION = 1,900 TONS

APPROXIMATE QUANTITIES ONLY. UNCLASSIFIED EXCAVATION, FINE GRADING, CLEARING AND GRUBBING AND REMOVAL OF EXISTING PAVEMENT WILL BE PAID FOR AT THE LUMP SUM PRICE FOR "GRADING".

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.

DDE = 12 CY

* INFILTRATION BASIN EARTHWORK SEPARATED INTO INDIVIDUAL LUMP SUM GRADING PAY ITEM.