

Earthwork Balance Sheet

Volumes in Cubic Yards

PROJECT: R-5858 COUNTY: Carteret DATE: 4/7/2026 COMPILED BY: WAP SHEET_1 OF 1 SHEETS

LINE	STATION	STATION	EXCAVATION				EMBANKMENT				BORROW	WASTE			
			TOTAL UNCLASS.	ROCK	UNDERCUT	UNSUIT. UNCLASS.	SUITABLE UNCLASS.	TOTAL	ROCK	EARTH		EMBANK. +30%	ROCK	SUITABLE	UNSUIT.
PHASE I															
SUMMARY NO. 1 (LT)															
-L-	10+00.00	43+00.00	709				709	2,222		2,222	2,889	2,180			
-RPB-	13+04.73	17+37.74	2,065				2,065	247		247	321		1,744	1,744	
-Y1-	8+25.00	15+96.30	302				302	299		299	389	87			
TOTAL SUMMARY NO. 1			3,076				3,076	2,768		2,768	3,599	2,267		1,744	
SUMMARY NO. 2 (LT.)															
-L-	43+00.00	56+45.00	109				109	40		40	52		57	57	
TOTAL SUMMARY NO. 2			109				109	40		40	52		57	57	
PHASE II															
SUMMARY NO. 3 (RT.)															
-L-	10+00.00	43+00.00	567				567	1,651		1,651	2,146	1,579			
TOTAL SUMMARY NO. 3			567				567	1,651		1,651	2,146	1,579			
SUMMARY NO. 4 (RT.)															
-L-	43+00.00	56+45.00	315				315	756		756	983	668			
-RPD-	13+43.56	17+25.21	400				400	350		350	455	55			
-Y2-	10+49.47	13+20.00	370				370	102		102	133		237	237	
TOTAL SUMMARY NO. 4			1,085				1,085	1,208		1,208	1,571	723		237	
SUMMARY TOTALS			4,837				4,837	5,667		5,667	7,368	4,569		2,038	
WASTE IN LIEU OF BORROW												-1,538		-1,538	
MATERIAL FOR SHOULDER CONSTRUCTION								1,700		1,700	2,210	2,210			
LOSS DUE TO CLEARING & GRUBBING			-500				-500						-500	-500	
PROJECT TOTALS			4,337				4,337	7,367		7,367	9,578	5,241			
EST. 5% TO REPLACE TOPSOIL ON BORROW PIT												262			
GRAND TOTALS			4,337				4,337	7,367		7,367	9,578	5,503			
SAY			4,400									5,600			

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.

- UNDERCUT EXCAVATION = 1,100 CY
- SELECT GRANULAR MATERIAL = 1,100 CY
- GEOTEXTILE FOR SOIL STABILIZATION = 1,100 SY
- SHALLOW UNDERCUT = 500 CY
- CLASS IV SUBGRADE STABILIZATION = 950 TONS
- GEOTEXTILE FOR SUBGRADE STABILIZATION = 1,500 SY
- DDE = 11,905 CY

BALANCE EARTHWORK CHECK			
TOTAL UNCL. EXC:	4,337	EMB + %:	9,578
UNDERCUT EXC:		TOTAL WASTE:	
BORROW EXC:	5,241		
TOTAL:	9,578	TOTAL:	9,578