

Earthwork Balance Sheet

Volumes in Cubic Yards

PROJECT: HN-0040

COUNTY: Johnston

DATE: 4/10/2026

COMPILED BY: Dane Fredde

SHEET__ OF __ SHEETS

STATION	STATION	EXCAVATION					EMBANKMENT				BORROW	WASTE			
		TOTAL UNCLASS.	ROCK	UNDERCUT	UNSUIT. UNCLASS.	SUITABLE UNCLASS.	TOTAL	ROCK	EARTH	EMBANK. +25%		ROCK	SUITABLE	UNSUIT.	TOTAL
-L1- 10+50.00	-L1- 18+00.00	1,014				1,014	319		319	399			615		615
-L1- 20+00.00	-L1- 26+50.00	1,073				1,073	659		659	824			249		249
	SUBTOTAL	2,087				2,087	978		978	1,222			865		865
-Y1- 10+50.00	-Y1- 14+53.68	867				867	202		202	253			615		615
	SUBTOTAL	867				867	202		202	252			615		615
-Y2- 10+30.00	-Y2- 16+00.00	344				344	328		328	410	66				
	SUBTOTAL	344				344	328		328	410	66				
-RABT- 10+00.00	-RABT- 13+58.14	244				244	1,668		1,668	2,085	1,841				
	SUBTOTAL	244				244	1,668		1,668	2,085	1,841				
	TOTAL	3,542				3,542	3,176		3,176	3,969	1,907		1,479		1,479
MATERIAL FOR SHOULDER CONSTRUCTION							620		620	775	775				
LOSS DUE TO CLEARING & GRUBBING															
ADDITIONAL UNDERCUT															
ROCK WASTE TO REPLACE BORROW															
ADJUST FOR ROCK WASTE															
WASTE IN LIEU OF BORROW											-1,479		-1,479		-1,479
	PROJECT TOTAL	3,542				3,542	3,796		3,796	4,744	1,203				
EST. 5% TO REPLACE TOP SOIL ON BORROW PIT											60				
	GRAND TOTAL	3,542				3,542	3,796		3,796	4,744	1,263				
	SAY	3,719									1,326				

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.