

Earthwork Balance Sheet

PROJECT: BP12.R002

COUNTY: Cleveland

Volumes in Cubic Yards
DATE: 2/17/2025

COMPILED BY: FSN/BJJ

CHAIN	STATION	STATION	EXCAVATION					EMBANKMENT				BORROW	WASTE			
			TOTAL UNCLASS.	ROCK	UNDERCUT	UNSUIT. UNCLASS.	SUITABLE UNCLASS.	TOTAL	ROCK	EARTH	EMBANK. +15%		ROCK	SUITABLE	UNSUIT.	TOTAL
Phase 1 - Detour																
-DET-	12+26.93	17+55.00	572				572	3,480		3,480	4,002	3,430				
-DET-	18+95.00	24+71.48	8				8	13,790		13,790	15,859	15,851				
SUBTOTAL			580				580	17,270		17,270	19,861	19,281				
Phase 2 - Mainline																
-L-	11+18.00	17+24.74	82				82	3,088		3,088	3,551	3,469				
-L-	18+84.74	25+70.00	17				17	4,016		4,016	4,618	4,601				
SUBTOTAL			99				99	7,104		7,104	8,169	8,070				
Phase 3 - Det Removal and Grade L Ditch in Final Phase																
-L-	12+26.93	17+55.00	3,482				3,482	561		561	645			2,837		2,837
-L-	18+95.00	24+71.48	13,755				13,755	2		2	2			13,753		13,753
SUBTOTAL			17,237				17,237	563		563	647			16,590		16,590
TOTAL			17,916				17,916	24,937		24,937	28,677	27,351		16,590		16,590
MATERIAL FOR SHOULDER CONSTRUCTION								232		232	267	267				
LOSS DUE TO CLEARING & GRUBBING			-800				-800					800				
ADDITIONAL UNDERCUT CONTINGENCY					450			450		450	518	518			450	450
WASTE IN LIEU OF BORROW																
PROJECT TOTAL			17,116		450		17,116	25,619		25,619	29,461	28,935		16,590	450	17,040
EST. 5% TO REPLACE TOP SOIL ON BORROW PIT												1,447				
GRAND TOTAL			17,116		450		17,116	25,619		25,619	29,461	30,382		16,590	450	17,040
SAY			18,000									31,000				

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.