Earthwork Balance Sheet

Volumes in Cubic Yards

PROJECT: HS-2401P COUNTY: Hertford DATE: 12/16/2025 COMPILED BY: Melissa Petit Jean

CHAIN	STATION	STATION	EXCAVATION					EMBANKMENT				BORROW	WASTE			
			TOTAL UNCLASS.	ROCK	UNDERCUT	UNSUIT. UNCLASS.	SUITABLE UNCLASS.	TOTAL	ROCK	EARTH	EMBANK. (+)25%		ROCK	SUITABLE	UNSUIT.	TOTAL
SUMMARY 1																
-L-	68+50.00	92+50.00	1,449		170		1,449	3,797		3,797	4,746	3,297			170	170
-L-	99+00.00	109+50.00	623				623	1,244		1,244	1,555	932				
-L-	117+00.00	138+00.00	1,061				1,061	2,945		2,945	3,681	2,620				
			3,133		170		3,133	7,986		7,986	9,983	6,850			170	170
SHEET TOTALS			3,133		170		3,133	7,986		7,986	9,983	6,850			170	170

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.

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CUMULATIVE TOTALS	EXCAVATION					EMBANKMENT				BORROW	WASTE			
	TOTAL UNCLASS.	ROCK	UNDERCUT	UNSUIT. UNCLASS.	SUITABLE UNCLASS.	TOTAL	ROCK	EARTH	EMBANK. (+)25%		ROCK	SUITABLE	UNSUIT.	TOTAL
SHEET 1 SUMMARY	3,133		170		3,133	7,986		7,986	9,983	6,850			170	170
SHEET TOTALS	3,133		170		3,133	7,986		7,986	9,983	6,850			170	170
MATERIAL FOR SHOULDER CONSTRUCTION						3,340		3,340	4,175	4,175				
GRADE POINT UNDERCUT CONTINGENCY			100			100		100					100	100
CONTINGENCY UNDERCUT FOR SUBGRADE			100											
ADDITIONAL UNDERCUT CONTINGENCY			100											
PROJECT TOTAL	3,133		470		3,133	11,426		11,426	14,158	11,025			270	270
EST. 5% TO REPLACE TOP SOIL ON BORROW PIT										551				
GRAND TOTAL	3,133									11,576				
SAY	3,150									11,590				

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.

EST. SHALLOW UNDERCUT = 100 CUBIC YARDS
EST. SHALLOW UNDERCUT BY STATIONS = 1,500 CUBIC YARDS
TOTAL SHALLOW UNDERCUT = 1,600 CUBIC YARDS
CLASS IV SUBGRADE STABILIZATION = 3,480 TONS