Earthwork Balance Sheet

Volumes in Cubic Yards

PROJECT: Davis Mtn Rd Site 642 COUNTY: Henderson DATE: 12/11/2025 COMPILED BY: ELP

STATION	STATION	EXCAVATION					EMBANKMENT				BORROW	WASTE			
		TOTAL UNCLASS.	ROCK	UNDERCUT	UNSUIT. UNCLASS.	SUITABLE UNCLASS.	TOTAL	ROCK	EARTH	EMBANK. +15%		ROCK	SUITABLE	UNSUIT.	TOTAL
L3 10+00.00	L3 17+00.00	3,211	482			2,729	425	340		340		142	2,729		2,871
	SUBTOTAL	3,211	482			2,729	425	340		340		142	2,729		2,871
	SUBTOTAL														
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	SUBTOTAL														
TOTAL		3,211	482			2,729	425	340		340		142	2,729		2,871
SELECT MATERIAL IN LIEU OF BORROW															
LOSS DUE TO CLEARING & GRUBBING		-50				-50							-50		-50
ADDITIONAL CONTINGENCY UNDERCUT				400										400	400
WASTE IN LIEU OF BORROW															
PROJECT TOTAL		3,161	482	400		2,679	425	340		340		142	2,679	400	3,221
APPLY ROCK SWELL AND EARTH SHRINKAGE FACTORS TO PERMANENTLY WASTED HARD ROCK												62			62
GRAND TOTAL		3,161	482	400		2,679	425	340		340		204	2,679	400	3,283
SAY		**3,165**		400											

NOTE: EARTHWORK QUANTITIES ARE CALCULATED BY THE ROADWAY DESIGN ENGINEER. THESE EARTHWORK QUANTITIES ARE BASED IN PART ON SUBSURFACE DATA PROVIDED BY THE GEOTECHNICAL ENGINEERING UNIT.