

Earthwork Balance Sheet

PROJECT: NC-9		COUNTY: Henderson		DATE: 7/16/2025		COMPILED BY: STANTEC		SHEET__ OF __ SHEETS							
STATION	STATION	EXCAVATION					EMBANKMENT				BORROW	WASTE			
		TOTAL UNCLASS.	ROCK	UNDERCUT	UNSUIT. UNCLASS.	SUITABLE UNCLASS.	TOTAL	ROCK	EARTH	EMBANK. +15%		ROCK	SUITABLE	UNSUIT.	TOTAL
-L- 69+00.00	74+00.00	755				755	75		75	87			668		668
GEOTECHNICAL EARTHEN CATCHMENT AREA		84				84	112		112	129	45				
	SUBTOTAL	840				840	187		187	216	45		668		668
TOTAL		840				840	187		187	216	45		668		668
MATERIAL FOR SHOULDER CONSTRUCTION															
LOSS DUE TO CLEARING & GRUBBING		-50				-50							-50		-50
WASTE IN LIEU OF BORROW											-45		-45		-45
PROJECT TOTAL		790				790	187		187	216			573		573
EST. 5% TO REPLACE TOP SOIL ON BORROW PIT															
GRAND TOTAL		790					187		187	216			573		573
SAY		900													

NOTE: EARTHWORK QUANTITIES ARE CALCULATED BY THE ROADWAY DESIGN UNIT. THESE EARTHWORK QUANTITIES ARE BASED IN PART ON SUBSURFACE DATA PROVIDED BY S & ME ENGINEEERING.

EST. DDE550 CY

SHOULDER BORROW95 CY

CLASS IV SUBGRADE STABILIZATION200 TONS (CONTINGENCY)

EST. SELECT GRANULAR MATERIAL200 CY (CONTINGENCY)

PAVEMENT STRUCTURE VOL160 CY

PER GEOTECH RECOMMENDATION, ESTIMATED 425 CY OF UNDERCUT TO BE USED IN THE DISCRETION OF THE RESIDENT ENGINEER.