

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- 57+00.00	69+00.00	813				813	433		433	498			315		315
	SUBTOTAL	813				813	433		433	498			315		315
TOTAL		813				813	433		433	498			315		315
MATERIAL FOR SHOULDER CONSTRUCTION															
LOSS DUE TO CLEARING & GRUBBING		-50				-50							-50		-50
WASTE IN LIEU OF BORROW															
PROJECT TOTAL		763				763	433		433	498			265		265
EST. 5% TO REPLACE TOP SOIL ON BORROW PIT															
GRAND TOTAL		763					433		433	498			265		265
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 ENGINEERING.

SHOULDER BORROW	140 CY	
CLASS IV SUBGRADE STABILIZATION	200 TONS	(CONTINGENCY)
EST. SELECT GRANULAR MATERIAL	200 CY	(CONTINGENCY)
EST. ROCK EMBANKMENT	2500 TONS	(BY STATION)
EST. ROCK EMBANKMENT	300 TONS	(CONTINGENCY)
EST. RIP RAP CLASS A	400 TONS	(BY STATION)
EST. RIP RAP CLASS A	50 TONS	(CONTINGENCY)
EST. RIP RAP CLASS B (DOES NOT INCLUDE HYDRAULCS CLASS B)	25 TONS	(BY STATION)
EST. RIP RAP CLASS B (DOES NOT INCLUDE HYDRAULCS CLASS B)	25 TONS	(CONTINGENCY)
EST. #57 STONE	25 TONS	(BY STATION)
EST. #57 STONE	25 TONS	(CONTINGENCY)
EST. ABC STONE	25 TONS	(BY STATION)
EST. ABC STONE	25 TONS	(CONTINGENCY)
EST. GROUT FOR ROCK FILL	400 CY	(BY STATION)
EST. GROUT FOR ROCK FILL	50 CY	(CONTINGENCY)
PAVEMENT STRUCTURE VOL	140 CY	
PER GEOTECH RECOMMENDATION, ESTIMATED 425 CY OF UNDERCUT TO BE USED IN THE DISCRETION OF THE RESIDENT ENGINEER.		