

Earthwork Balance Sheet

PROJECT: NC-9

COUNTY: Henderson

DATE: 7/16/2025

COMPILED BY: STANTEC

SHEET\_\_ OF \_\_ SHEETS

Volumes in CY

STATION	STATION	EXCAVATION					EMBANKMENT				BORROW	WASTE			
		TOTAL UNCLASS.	ROCK	UNDERCUT	UNSUIT. UNCLASS.	SUITABLE UNCLASS.	TOTAL	ROCK	EARTH	EMBANK. +15%		ROCK	SUITABLE	UNSUIT.	TOTAL
-L- 91+00.00	113+50.00	2,551				2,551	201		201	232			2,319		2,319
	SUBTOTAL	2,551				2,551	201		201	232			2,319		2,319
TOTAL		2,551				2,551	201		201	232			2,319		2,319
MATERIAL FOR SHOULDER CONSTRUCTION															
LOSS DUE TO CLEARING & GRUBBING		-50				-50							-50		-50
WASTE IN LIEU OF BORROW															
PROJECT SUBTOTAL		2,501				2,501	201		201	232			2,269		2,269
EST. 5% TO REPLACE TOP SOIL ON BORROW PIT															
PROJECT TOTAL		2,501					201		201	232			2,269		2,269
SAY		2,600													

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	455 CY	
CLASS IV SUBGRADE STABILIZATION	200 TONS	(CONTINGENCY)
EST. SELECT GRANULAR MATERIAL	200 CY	(CONTINGENCY)
EST. ROCK EMBANKMENT	1100 TONS	(BY STATION)
EST. ROCK EMBANKMENT	100 TONS	(CONTINGENCY)
EST. RIP RAP CLASS A	200 TONS	(BY STATION)
EST. RIP RAP CLASS A	25 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	(CONTINGENCY)
EST. ABC STONE	25 TONS	(CONTINGENCY)
PAVEMENT STRUCTURE VOL	1240 CY	
PER GEOTECH RECOMMENDATION, ESTIMATED 425 CY OF UNDERCUT TO BE USED IN THE DISCRETION OF THE RESIDENT ENGINEER.		