

Earthwork Balance Sheet

Volumes in Cubic Yards

PROJECT: B-4442

COUNTY: Buncombe

DATE: 5/17/2022

COMPILED BY: Mohammed Fallaha

SHEET 1 OF 1

STATION	STATION	EXCAVATION					EMBANKMENT				BORROW	WASTE					
		TOTAL UNCLASS.	ROCK	UNDERCUT	UNSUIT. UNCLASS.	SUITABLE UNCLASS.	TOTAL	ROCK	EARTH	EMBANK. +15%		ROCK	SUITABLE	UNSUIT.	TOTAL		
PHASE 1																	
297+00.00	313+81.25	44,327				44,327			4,695	5,399						38,928	38,928
316+71.25	332+11.46	2,282				2,282			30,596	35,185	32,903						
	SUBTOTAL	46,609				46,609			35,291	40,584	32,903					38,927	38,927
PHASE 2																	
297+00.00	313+81.25	332				332			7,007	8,058	7,726						
316+71.25	332+11.46	182				182			8,478	9,750	9,568						
	SUBTOTAL	514				514			15,485	17,807	17,293						
PHASE 3																	
297+00.00	313+81.25	1,115				1,115			7,146	8,218	7,103						
316+71.25	332+11.46	5,835				5,835			9,183	10,560	4,725						
	SUBTOTAL	6,950				6,950			16,329	18,778	11,828						
	SUBTOTAL																
	TOTAL	54,073				54,073			67,105	77,169	62,024					38,927	38,927
MATERIAL FOR SHOULDER CONSTRUCTION							2,627		2,627	3,021	3,021						
LOSS DUE TO CLEARING & GRUBBING		-1,600				-1,600					1,600						
ADDITIONAL UNDERCUT																	
ROCK WASTE TO REPLACE BORROW																	
ADJUST FOR ROCK WASTE																	
WASTE IN LIEU OF BORROW											-38,927				-38,927		-38,927
PROJECT TOTAL		52,473				52,473	2,627		69,732	80,190	27,718						
EST. 5% TO REPLACE TOP SOIL ON BORROW PIT												1,386					
GRAND TOTAL		52,473				52,473	2,627		69,732	80,190	29,103						
SAY		52,480									29,110						

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.