

Earthwork Balance Sheet

Volumes in Cubic Yards

PROJECT: B-5985A

COUNTY: Robeson

DATE: 1/17/2023

COMPILED BY: GSP

SHEET OF SHEETS

STATION	STATION	EXCAVATION					EMBANKMENT				BORROW	WASTE					
		TOTAL UNCLASS.	ROCK	UNDERCUT	UNSUIT. UNCLASS.	SUITABLE UNCLASS.	TOTAL	ROCK	EARTH	EMBANK. +25%		ROCK	SUITABLE	UNSUIT.	TOTAL		
-L1- 15+70.00	BEG. BRIDGE 22+08.50	233				233	672		672	840	607						
	SUBTOTAL	233				233	672		672	840	607						
-L1- 25+03.50 END BRIDGE	26+59.36	67				67	112		112	140	73						
	SUBTOTAL	67				67	112		112	140	73						
	TOTAL	300				300	784		784	980	680						
	PROJECT TOTAL	300				300	784		784	980	680						
											34						
	GRAND TOTAL	300				300	784		784	980	714						
	SAY	350									750						

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

PER GEOTECH RECOMMENDATIONS
 UNDERCUT EXCAVATION = 200 CY
 SELECT GRANULAR MATERIAL = 200 CY
 GEOTEXTILE FOR SOIL STABILIZATION = 350 SY

SHALLOW UNDERCUT = 50 CY
 CLASS IV SUBGRADE STABILIZATION = 100 TONS