

Earthwork Balance Sheet

Volumes in Cubic Yards

PROJECT: B-5808

COUNTY: Cabarrus

DATE: 16-Feb

COMPILED BY: MKA

SHEET ___ OF ___ SHEETS

STATION	STATION	EXCAVATION					EMBANKMENT				BORROW	WASTE				
		TOTAL UNCLASS.	ROCK	UNDERCUT	UNSUIT. UNCLASS.	SUITABLE UNCLASS.	TOTAL	ROCK	EARTH	EMBANK. +20%		ROCK	SUITABLE	UNSUIT.	TOTAL	
PHASE-1																
-XSB- 18+30.00	-XSB- 19+50.00	219				219	381		381	457	238					
-XSB- 22+50.00	-XSB- 24+50.00	242				242	187		187	224			18			18
SUBTOTAL		461				461	568		568	681	238			17		17
PHASE-1																
-L- 16+55.00 LT	-L- 19+69.35 LT	32				32	83		83	100	68					
-L- 21+59.35 LT	-L- 25+94.00 LT	73				73	1,146		1,146	1,375	1,302					
SUBTOTAL		105				105	1,229		1,229	1,474	1,369					
PHASE-3																
-L- 16+55.00 RT	-L- 19+69.35 RT	61				61	459		459	551	490					
-L- 21+59.35 RT	-L- 25+94.00 RT	237				237	754		754	905	668					
SUBTOTAL		298				298	1,213		1,213	1,455	1,157					
SUBTOTAL																
TOTAL		864				864	3,010		3,010	3,610	2,764			17		17
MATERIAL FOR SHOULDER CONSTRUCTION																
LOSS DUE TO CLEARING & GRUBBING																
ADDITIONAL UNDERCUT																
ROCK WASTE TO REPLACE BORROW																
ADJUST FOR ROCK WASTE																
WASTE IN LIEU OF BORROW											-17			-17		-17
PROJECT TOTAL		864				864	3,010		3,010	3,610	2,747					
EST. 5% TO REPLACE TOP SOIL ON BORROW PIT											137					
GRAND TOTAL		864				864	3,010		3,010	3,610	2,884					
SAY		900									3,000					

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.