Earthwork Balance Sheet

Volumes in Cubic Yards

DATE: 10/8/2024 COMPILED BY: LM

STATION	STATION	EXCAVATION					EMBANKMENT					WASTE			
		TOTAL	ROCK	UNDERCUT	UNSUIT.	SUITABLE	TOTAL	ROCK	EARTH	EMBANK.	BORROW	ROCK	SUITABLE	UNSUIT.	TOTAL
		UNCLASS.			UNCLASS.	UNCLASS.				+15%					
PHASE 1															
12+75.00 -L-	17+56.87 -L-	107				107	890		890	1,024	917				
23+20.87 -L-	28+75.00 -L-	120				120	4,641		4,641	5,337	5,217				
STAIR 10+14.13	STAIR 12+31.67	394				394	4		4	5			389		389
	SUBTOTAL	621		+		621	5,535		5,535	6,365	6.134		389		389
	SUBTOTAL	021				021			3,333	0,303	0,134		389		389
PHASE II															
11+75.00 -L-	17+56.87 -L-	236				236	154		154	177			59		59
23+20.87 -L-	28+75.00 -L-	23				23	23		23	26	3				
10+25.00 -Y-	11+80.00 -Y-	8				8	41		41	47	39				
	SUBTOTAL	267				267	218		218	251	42		59		59
	SUBTOTAL														
	SUBTOTAL							***************************************							
TOTAL		888				888	5,753		5,753	6.61.6	6,176		448		448
MATERIAL FOR SHOULDE	CONSTRUCTION	888				888	3,733		3,/33	6,616 49	49		448		448
LOSS DUE TO CLEARING &		-75				-75	43		43	47	75				
VASTE IN LIEU OF BORROW		- 15				,,,					-431		-431		-431
PROJECT TOTAL		813				813	5,796		5,796	6,665	5,869	Ì	17		17
EST. 5% TO REPLACE TOP	SOIL ON BORROW PIT										293				
GRAND TOTAL		813				813	5.796		5,796	6,665	6,163		17		17
GRAND TOTAL		013				013	3,770		3,770	0,000	0,103		17		17
SAY		850				850					6,200				

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

DDE = 110 CY
CONTINGENCY:
EST. UNDERCUT EXCAVATION = 450 CY
EST. SELECT GRANULAR MATERIAL = 400 CY
EST. GEOTEXTILE FOR SOIL STABILIZATION = 500 SY

PROJECT: B-5895 COUNTY: Madison

SHEET 1 OF 1 SHEETS