

Earthwork Balance Sheet

Volumes in Cubic Yards

PROJECT: R-5808

COUNTY: Gates

DATE: 10/1/2024

COMPILED BY: BWG

SHEET 1 OF 1 SHEETS

STATION	STATION	EXCAVATION					EMBANKMENT				BORROW	WASTE			
		TOTAL UNCLASS.	ROCK	UNDERCUT	UNSUIT. UNCLASS.	SUITABLE UNCLASS.	TOTAL	ROCK	EARTH	EMBANK. +30%		ROCK	SUITABLE	UNSUIT.	TOTAL
-L-	41+00	753		1229		753	4,066		4066	5,286	4,533			1,229	1,229
41+00	71+00	1,086		7721		1086	14,855		14855	19,312	18,226			7,721	7,721
71+00	101+00	240		8177		240	18,117		18117	23,552	23,312			8,177	8,177
101+00	131+00	154		7435		154	18,063		18063	23,482	23,328			7,435	7,435
131+00	161+00	202		8997		202	19,588		19588	25,464	25,262			8,997	8,997
161+00	191+00	151		10391		151	23,776		23776	30,909	30,758			10,391	10,391
191+00	221+00	127		10662		127	20,378		20378	26,491	26,364			10,662	10,662
221+00	234+37.39	409		2792		409	5,413		5,413	7,037	6,628			2,792	2,792
	SUBTOTAL	3,122		57,404		3,122	124,256		124,256	161,532	158,410			57,404	57,404
EMPORARY (MOT) 17+59.0 DETOUR REMOVAL	33+00	151				151	866		866	1,125	974				
		866				866							866		866
	SUBTOTAL	1,017				1,017	866		866	1,125	974		866		866
TOTAL		4,139		57,404		4,139	125,122		125,122	162,657	159,384		866	57,404	58,270
MATERIAL FOR SHOULDER CONSTRUCTION UNSUITABLE WASTE MATERIAL		550			550		8,350		8,350	10,855	10,855				
ADDITIONAL UNDERCUT EXCAVATION				10,500			10,500		10,500	13,650	13,650			550	550
SELECT GRANULAR IN LIEU OF BORROW							-78,000		-78,000	-78,000	-78,000			10,500	10,500
SURCHARGE							25,600		25,600	33,280	33,280				
SURCHARGE REMOVAL		25,600				25,600							25,600		25,600
PROJECT TOTAL		30,289		67,904	550	29,739	91,572		91,572	142,442	139,169		26,466	68,454	94,920
EST. 5% TO REPLACE TOP SOIL ON BORROW PIT											6,958				
GRAND TOTAL		30,289		67,904	550	29,739	91,572		91,572	142,442	146,127		26,466	68,454	94,920
SAY		30,500		68,000							146,200				

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