

Earthwork Balance Sheet

Volumes in Cubic Yards

PROJECT: R-3430B COUNTY: Burke /Caldwell DATE: 6/5/2025 COMPILED BY: DRMP, Inc. SHEET__ OF __ SHEETS

STATION	STATION	EXCAVATION					EMBANKMENT				BORROW	WASTE			
		TOTAL UNCLASS.	ROCK	UNDERCUT	UNSUIT. UNCLASS.	SUITABLE UNCLASS.	TOTAL	ROCK	EARTH	EMBANK. +15%		ROCK	SUITABLE	UNSUIT.	TOTAL
-DET_DRW1- Sta. 10+00.00	-DET_DRW1- Sta. 14+00.00	76				76	290		290	334	258				
	SUBTOTAL	76				76	290		290	334	258				
-L- Sta. 17+00.00	-L- Sta. 29+14.00 (Begin Bridge)	18,787				18,787	5,877		5,877	6,759			12,029		12,029
-Y1- Sta. 10+17.00	-Y1- Sta. 11+25.00	3				3	23		23	26	23				
	SUBTOTAL	18,790				18,790	5,900		5,900	6,785	23		12,029		12,029
-L- Sta. 39+91.00 (End Bridge)	-L- Sta. 48+00.00	3,226				3,226	7,901		7,901	9,086	5,860				
-DRW1- Sta. 10+17.00	-DRW1- Sta. 13+25.00	13				13	327		327	376	363				
-DRW1A- Sta. 10+12.00	-DRW1A- Sta. 10+90.00	6				6	2		2	2			4		4
-DRW2- Sta. 10+17.00	-DRW2- Sta. 10+92.05	133				133	13		13	15			118		118
	SUBTOTAL	3,379				3,379	8,243		8,243	9,479	6,223		122		122
-DET_DRW1- Removal		258				258							258		258
	SUBTOTAL	258				258							258		258
TOTAL		22,503				22,503	14,433		14,433	16,598	6,504		12,409		12,409
MATERIAL FOR SHOULDER CONSTRUCTION							340		340	391	391				
LOSS DUE TO CLEARING & GRUBBING		-20				-20					20				
WASTE IN LIEU OF BORROW											-6,266		-6,266		-6,266
PROJECT TOTAL		22,483				22,483	14,773		14,773	16,989	649		6,143		6,143
EST. 5% TO REPLACE TOP SOIL ON BORROW PIT											32				
GRAND TOTAL		22,483				22,483	14,773		14,773	16,989	681		6,143		6,143
SAY		22,500									700				
PAVEMENT STRUCTURE VOLUME = 1,800 CY															

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

DDE = 440 CY
UNDERCUT EXCAVATION = 450 CY
SELECT GRANULAR MATERIAL = 400 CY
SHALLOW UNDERCUT = 100 CY
CLASS IV SUBGRADE STABILIZATION = 200 TONS