

Earthwork Balance Sheet																
PROJECT: U-5711			COUNTY: Randolph				Volumes in Cubic Yards DATE: 10/22/2025				COMPILED BY: PJJ			SHEET _ OF _ SHEETS		
LINE	STATION	STATION	EXCAVATION					EMBANKMENT				BORROW	WASTE			
			TOTAL UNCLASS.	ROCK	UNDERCUT	UNSUIT. UNCLASS.	SUITABLE UNCLASS.	TOTAL	ROCK	EARTH	EMBANK. +20%		ROCK	SUITABLE	UNSUIT.	TOTAL
-L-	14+00.00	23+00.00	966			893	73	419		419	503	430			893	893
-L-	25+00.00	43+88.00	1,376		700	1,258	118	1,358		1,358	1,630	1,512			1,958	1,958
-L-	44+22.00	55+81.06	1,750			72	1,678	550		550	660			1,018	72	1,090
-Y2-	11+50.00	12+31.64	46				46	38		38	46					
-Y2-	12+65.64	13+50.00	14				14	9		9	11			3		3
-Y3-	10+17.03	11+50.00	59				59	46		46	55			4		4
		SUBTOTAL	4,211		700	2,223	1,988	2,420		2,420	2,905	1,942		1,025	2,923	3,948
-L-	23+00.00	24+45.98	397			20	377	1		1	1			376	20	396
-L-	24+56.06	25+00.00	8			7	1	18		18	22	21			7	7
		SUBTOTAL	405			27	378	19		19	23	21		376	27	403
-L-	43+88.00	44+22.00						45		45	54	54				
		SUBTOTAL						45		45	54	54				
		SUBTOTAL														
TOTAL			4,616		700	2,250	2,366	2,484		2,484	2,982	2,017		1,401	2,950	4,351
MATERIAL FOR SHOULDER CONSTRUCTION								870		870	1,044	1,044				
LOSS DUE TO CLEARING & GRUBBING			-1,120				-1,120					1,120				
ADDITIONAL UNDERCUT					400										400	400
WASTE IN LIEU OF BORROW												-1,401		-1,401		-1,401
PROJECT TOTAL			3,496		1,100	2,250	1,246	3,354		3,354	4,026	2,780			3,350	3,350
EST. 5% TO REPLACE TOP SOIL ON BORROW PIT												139				
GRAND TOTAL			3,496		1,100	2,250	1,246	3,354		3,354	4,026	2,919			3,350	3,350
SAY			3,700									3,100				

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.

*NOTE: A QUANTITY OF 3,340 CY OF UNCLASSIFIED EXCAVATION - ACCEPTABLE, BUT NOT TO BE USED IN TOP 3 FT OF EMBANKMENT OR BACKFILL:

270 CY FROM -L- STA. 23+25 - 24+25 (LT & RT); 30 CY FROM -L- STA. 36+50 - 37+50 (LT & RT); 440 CY FROM -L- STA. 40+00 - 42+35 (LT & RT); 1600 CY FROM -L- STA. 45+75 - 55+50 (LT & RT); 1000 CY OF CONTINGENCY

EST. DDE = 1,348 CUBIC YARDS