

EARTHWORK BALANCE SHEET

Volumes in Cubic Yards

PROJECT TIP # U-5724

COUNTY: Wayne

DATE 9/4/2020

SHEET 1 OF 1

LINE	STATION +/-	STATION +/-	EXCAVATION					EMBANKMENT				BORROW	WASTE			
			TOTAL UNCLASS.	ROCK	UNDERCUT	UNSUIT. UNCLASS.	SUITABLE UNCLASS.	TOTAL EMB.	ROCK EMB.	EARTH EMB.	EMBANK. 25%		ROCK	SUITABLE	UNSUIT.	TOTAL
SUMMARY 1 (PHASE 1)																
-RR_PR-	11+33.00	25+35.13	971	0	0	0	971	706	0	706	883	0		88	0	88
-L- (LT)	13+50.00	26+74.73	206	0	0	0	206	938	0	938	1173	967		0	0	0
-L-	26+74.73	43+58.09	1524	0	0	0	1524	12585	0	12585	15731	14207		0	0	0
-L- (LT)	43+58.09	58+00.00	653	0	0	0	653	1357	0	1357	1696	1043		0	0	0
-Y2- (LT)	10+29.00	28+36.00	988	0	0	0	988	2812	0	2812	3515	2527		0	0	0
-Y2- (RT)	28+60.00	28+91.00	0	0	0	0	0	85	0	85	106	106		0	0	0
-Y2-	28+91.00	34+99.91	262	0	0	0	262	3178	0	3178	3973	3711		0	0	0
-Y2-	34+99.91	51+28.00	4320	0	0	0	4320	3894	0	3894	4868	548		0	0	0
-Y3-	10+32.00	15+18.71	121	0	0	0	121	164	0	164	205	84		0	0	0
-Y3-	15+18.71	25+77.00	211	0	0	0	211	1357	0	1357	1696	1485		0	0	0
-Y5-	10+90.00	14+58.00	49	0	0	0	49	45	0	45	56	7		0	0	0
SUMMARY 1 (PHASE 1)			9305				9305	27121		27121	33902	24685		88	0	88
SUMMARY 1 (PHASE 2)																
-L- (RT)	13+50.00	26+74.73	1190	0	0	0	1190	123	0	123	154	0		1036	0	1036
-L- (RT)	43+58.09	58+00.00	417	0	0	0	417	999	0	999	1249	832		0	0	0
-Y1- (LT)	18+63.46	22+45.00	239	0	0	0	239	14	0	14	18	0		221	0	221
-Y1- (RT)	24+61.00	25+28.00	8	0	0	0	8	12	0	12	15	7		0	0	0
-Y1- (RT)	27+36.00	28+21.00	23	0	0	0	23	0	0	0	0	0		23	0	23
-Y2- (RT)	10+29.00	28+60.00	2477	0	0	0	2477	2589	0	2589	3236	759		0	0	0
-Y2- (LT)	28+36.00	28+91.00	0	0	0	0	0	132	0	132	165	165		0	0	0
-Y2-	51+28.00	56+08.25	279	0	0	0	279	802	0	802	1003	724		0	0	0
SUMMARY 1 (PHASE 2)			4633				4633	4671		4671	5840	2487		1280	0	1280
SUBTOTAL (PHASES 1 AND 2)			13938	0	0	0	13938	31792	0	31792	39742	27172		1368	0	1368
MATERIAL FOR SHOULDER CONSTRUCTION								510		510	638	638				
LOSS DUE TO CLEARING AND GRUBBING			-6000				-6000					6000				
UNCLASSIFIED EXCAVATION - UNSUITABLE WASTE						700	-700					700			700	700
WASTE IN LIEU OF BORROW												-1368		-1368		-1368
PROJECT TOTALS			7938	0	0	700	7238	32302	0	32302	40380	33142		0	700	700
EST 5% FOR REPLACING TOPSOIL ON BORROW PITS												1658				
GRAND TOTALS			7938									34800				
SAY			8000									35000				
ESTIMATED UNDERCUT				14600	CY			(CONTINGENCY, AS DIRECTED BY THE ENGINEER)								
ESTIMATED SELECT GRANULAR MATERIAL				15200	CY			(CONTINGENCY, AS DIRECTED BY THE ENGINEER)								
ESTIMATED GEOTEXTILE FOR SOIL STABILIZATION				20450	SY			(CONTINGENCY, AS DIRECTED BY THE ENGINEER)								
ESTIMATED ROCK PLATING				200	SY			(CONTINGENCY, AS DIRECTED BY THE ENGINEER)								
ESTIMATED SHALLOW UNDERCUT				1350	CY			(CONTINGENCY, AS DIRECTED BY THE ENGINEER)								
ESTIMATED CLASS IV SUBGRADE STABILIZATION				4200	TON			(CONTINGENCY, AS DIRECTED BY THE ENGINEER)								

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

NOTE ABOVE SHOULD APPEAR ON LINE 53