

DATE: NOVEMBER 4, 2022

**DOCUMENT NOT CONSIDERED FINAL
 UNLESS ALL SIGNATURES COMPLETED**

**SUMMARY OF EARTHWORK
 (IN CUBIC YARDS)**

LOCATION	UNCLASSIFIED EXCAVATION	UNDERCUT	EMBT + %	BORROW	WASTE
SUMMARY #1					
-L- STA 8+29 TO STA 27+00	9,430	0	21,751	14,928	0
#1 TOTAL	9,430	0	21,751	14,928	0
SUMMARY #2					
-R1_PR- STA 25+50 TO STA 45+85	4,228	0	13,993	10,822	0
#2 TOTAL	4,228	0	13,993	10,822	0
SUMMARIES 1-2 TOTAL	13,658	0	35,744	25,750	0
LOSS DUE TO CLEARING AND GRUBBING	-400			400	
ADDITIONAL UNDERCUT					
WASTE IN LIEU OF BORROW					
PROJECT TOTAL	13,258	0	35,744	26,150	0
ESTIMATE 5% FOR TOPSOIL ON BORROW PITS				1,308	
GRAND TOTAL	13,258	0		27,458	
SAY	13,300	0		27,500	

THESE EARTHWORK QUANTITIES ARE BASED IN PART ON SUBSURFACE DATA PROVIDED BY THE GEOTECHNICAL ENGINEERING UNIT.
 EST. DDE = 110 CY
 REMOVAL OF CONCRETE SLABS IS CONSIDERED INCIDENTAL TO COMPREHENSIVE GRADING. REMOVAL INCLUDES AN ESTIMATED 1,570 SY OUTSIDE OF THE SLOPE STAKES AS SHOWN ON THE PLAN SHEETS.
 EST. 80 CY CHANNEL IMPROVEMENT EXCAVATION
 APPROXIMATE QUANTITIES ONLY. UNCLASSIFIED EXCAVATION, BORROW EXCAVATION, FINE GRADING, CLEARING AND GRUBBING AND REMOVAL OF EXISTING PAVEMENT WIL BE PAID FOR AT THE LUMP SUM PRICE FOR "GRADING".
 EST. 2,750 CY OF ESTIMATED UNDERCUT PER GEOTECH REPORT

**PAVEMENT REMOVAL SUMMARY
 (IN SQUARE YARDS)**

LOCATION	REMOVAL OF ASPHALT PAVEMENT	BREAKING OF ASPHALT PAVEMENT	REMOVAL OF CONCRETE SLABS	BREAKING OF CONCRETE PAVEMENT
-L- STA. 21+64 TO 26+80 LT/RT			4,937	
-L- STA. 24+33 TO 26+65 LT/RT	1,764			
-R1_PR- STA. 34+19 TO 35+15 RT			242	
-R1_PR- STA. 36+35 TO 37+06 LT	210			
GRAND TOTAL	1,974		5,179	
SAY	1,980		5,180	