

COMPUTED BY: DTK DATE:9/28/21
 CHECKED BY: DATE:

PROJECT NO.	SHEET NO.
R-5021	3B-5

SUMMARY OF EARTHWORK

Quantities are approximate only. The Resident Engineer will re-cross-section the work accurately when the project is staked out. These cross-section notes will be used in computing the final quantities for which the

Station	Station	Uncl. Excav.	Undercut	Embank. +%	Borrow	Waste
SUMMARY #12						
-L- STA 370+12 RT	-L- STA 388+56.54 RT	2,049	19	5,166	3,117	19
-Y18A- STA 10+39	-Y18A- STA 10+89	2		97	95	
SUMMARY #12 SUBTOTAL		2,051	19	5,263	3,212	19
SUMMARY #13						
-L- STA 391+65.97 LT	-L- 422+00.00 LT	195	250	15,668	15,473	250
-Y21- STA 10+00	-Y21- STA 11+00	12		103	91	
SUMMARY #13 SUBTOTAL		207	250	15,771	15,564	250
SUMMARY #13						
-L- STA 391+65.97 RT	-L- 422+00.00 RT	1,892	351	6,675	4,783	351
-Y20- STA 10+75	-Y20- STA 12+25	15		133	118	
-Y21- STA 12+00	-Y21- STA 13+00	6		26	20	
SUMMARY #13 SUBTOTAL		1,913	351	6,834	4,921	351
SUMMARY #14						
-L- STA 422+00.00 LT	-L- STA 431+00.00 LT	464		341		123
-Y22- STA 14+00	-Y22- STA 34+50	4,590		8,398	3,808	
-Y22A- STA 10+00	-Y22A- STA 12+00	66		40		26
-Y23- STA 11+00	-Y23- STA 13+50	7		272	265	
-Y24- STA 11+00	-Y24- STA 13+00	164		556	392	
SUMMARY #14 SUBTOTAL		5,291	0	9,607	4,465	149
SUMMARY #14						
-L- STA 422+00.00 RT	-L- STA 431+00.00 RT	259		273	14	0
-Y22- STA 36+00	-Y22- STA 42+50	193		506	313	
-YREVTCP1- STA 10+00	-YREVTCP1- STA 18+00	2,610		201	0	2,409
SUMMARY #14 SUBTOTAL		3,062	0	980	327	2,409
SHEET TOTAL						
		12,524	620	38,455	28,489	3,178

Station	Station	Uncl. Excav.	Undercut	Embank. +%	Borrow	Waste
TOTAL FROM SHEET 1						
		29,059	12,434	474,638	446,616	13,471
TOTAL FROM SHEET 2						
		5,206	18,238	317,787	310,918	18,575
TOTAL FROM SHEET 3						
		5,701	9,943	195,457.00	190,067	10,254
TOTAL FROM SHEET 4						
		15,806	3,231	206,052.00	192,341	5,326
TOTAL FROM SHEET 5						
		12,524	620	38,455.00	28,489	3,178
TOTAL		68,296	44,466	1,232,389	1,168,431	50,804
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LOSS DUE TO CLEARING & GRUBBING		-3,100			3,100	
UNSUITABLE MATERIAL		23,400				23,400
ADDITIONAL UNDERCUT			7,000	8,750	8,750	7,000
EST. SHOULDER MATERIAL				20,113	20,113	
SELECT GRANULAR MATERIAL IN LIEU OF BORROW				-67,750	-67,750	
WASTE IN LIEU OF BORROW					-6,338	-6,338
PROJECT TOTAL		88,596	51,466	1,193,502	1,126,306	74,866
EST. 5% TO REPLACE TOP SOIL ON BORROW PIT					56,316	
GRAND TOTAL		88,596	51,466	1,193,502	1,182,622	74,866
SAY		90,000	55,000		1,200,000	

-L- PAVEMENT STRUCTURE VOLUME = 8,718 CY
 -YREV- PAVEMENT STRUCTURE VOLUME = 1,082 CY
 -Y22- PAVEMENT STRUCTURE VOLUME = 702 CY

TOTAL UNCLASSIFIED EXCAVATION - ACCEPTABLE BUT NOT AS EMBANKMENT OR BACKFILL (NOT TO BE USED IN THE TOP 3' OF EMBANKMENT): 500 CY
 -L- STA. 69+25 TO STA. 71+25
 -L- STA. 72+75 TO STA. 74+70

TOTAL DDE: 74,900 CY