

STATE OF NORTH CAROLINA  
 DIVISION OF HIGHWAYS



**SUMMARY OF EARTHWORK**

LOCATION	UNCLASSIFIED EXCAVATION	EMBANKMENT +%	BORROW	WASTE
SUMMARY (PHASE 1)				
-PP-RR- 11+33.00 TO 25+35.13	971	883	0	88
-L- (LT) 13+50.00 TO 26+74.73	206	1173	967	0
-L- 26+74.73 TO 43+58.09	1524	15731	14027	0
-L- (LT) 43+58.09 TO 58+00.00	653	1696	1043	0
-Y2- (LT) 10+29.00 TO 29+30.67	988	3515	2527	0
-Y2- (RT) 28+60.00 TO 34+99.91	0	106	106	0
-Y2- 28+91.00 TO 51+28.00	262	3973	3711	0
-Y2- 34+99.91 TO 51+28.00	4320	4868	548	0
-Y3- 10+32.00 TO 15+18.71	121	205	84	0
-Y3- 15+18.71 TO 25+92.00	211	1696	1485	0
-Y5- 10+90.00 TO 14+58.00	49	56	7	0
SUMMARY (PHASE 1)	9305	33902	24685	88
SUMMARY (PHASE 2)				
-L- (RT) 13+50.00 TO 26+74.73	1190	154	0	1036
-L- (RT) 43+58.09 TO 58+00.00	417	1249	832	0
-Y1- (LT) 18+63.46 TO 22+45.00	239	18	0	221
-Y1- (RT) 24+61.00 TO 25+28.00	8	15	7	0
-Y1- (RT) 27+36.00 TO 28+21.00	23	0	0	23
-Y2- (RT) 10+29.00 TO 28+60.00	2477	3236	759	0
-Y2- (LT) 28+36.00 TO 28+91.00	0	165	165	0
-Y2- 51+28.00 TO 56+08.25	279	1003	724	0
SUMMARY (PHASE 2)	4633	5840	2487	1280
SUMMARY (PHASE 1 AND PHASE 2)	13938	39742	27172	1368
MATERIAL FOR SHOULDER CONSTRUCTION	0	638	638	0
LOSS DUE TO CLEARING AND GRUBBING	-6000	0	6000	0
UNCLASSIFIED EXCAVATION - UNSUITABLE WASTE	0	0	700	700
WASTE IN LIEU OF BORROW	0	0	-1368	-1368
PROJECT TOTALS:	7938	40380	33142	700
EST 5% FOR REPLACING TOPSOIL ON BORROW PITS	0	0	1658	0
GRAND TOTALS:	7938		34800	
SAY:	8000		35000	
EST. UNDERCUT		14600 CY		
EST. SELECT GRANULAR MATERIAL		15200 CY		
EST. GEOTEXTILE FOR SOIL STABILIZATION		20450 SY		
EST. ROCK PLATTING		200 SY		
EST. SHALLOW UNDERCUT		1350 CY		
EST. CLASS IV SUBGRADE STABILIZATION		4200 TON		

Earthwork quantities are calculated by Kimley-Horn. These earthwork quantities are based in part on subsurface data provided by Falcon Engineering.

NOTE: APPROXIMATE QUANTITIES ONLY. CLEARING AND GRUBBING, UNCLASSIFIED EXCAVATION, BORROW EXCAVATION, FINE GRADING, AND REMOVAL OF ASPHALT PAVEMENT WILL BE PAID FOR AT THE CONTRACT LUMP SUM PRICE FOR "GRADING".

REVISIONS

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10/3/2022