

STATE OF NORTH CAROLINA
 DIVISION OF HIGHWAYS



SUMMARY OF EARTHWORK
 IN CUBIC YARDS

STATION	STATION	UNCL. EXCAV.	EMBANK. +%	BORROW	WASTE
PHASE I					
SUMMARY NO. 1 (LT.)					
-L- STA. 29+00.00	-L- STA. 55+50.00	2,085	3,078	1,190	197
-Y1- STA. 11+25.00	-Y1- STA. 12+18.81	39	10		29
-Y3- STA. 10+20.00	-Y3- STA. 11+35.42	12	131	119	
-Y4- STA. 12+30.00	-Y4- STA. 14+87.95	327	540	213	
TOTAL SUMMARY NO. 1		2,463	3,759	1,522	226
SUMMARY NO. 2 (LT.)					
-L- STA. 55+50.00	-L- STA. 82+96.02	1,173	5,254	5,082	1,001
-Y7- STA. 11+00.00	-Y7- STA. 14+10.53	198	463	448	183
TOTAL SUMMARY NO. 2		1,371	5,717	5,530	1,184
PHASE II					
SUMMARY NO. 3 (RT.)					
-L- STA. 25+78.37	-L- STA. 55+50.00	468	3,410	2,985	43
-Y2- STA. 10+37.54	-Y2- STA. 11+25.00	8	86	78	
TOTAL SUMMARY NO. 3		476	3,496	3,063	43
SUMMARY NO. 4 (RT.)					
-L- STA. 55+50.00	-L- STA. 85+18.00	2,063	4,204	3,518	1,377
-Y5- STA. 10+37.55	-Y5- STA. 11+75.00	246	38	37	245
-Y6- STA. 10+49.67	-Y6- STA. 13+00.00	212	375	263	100
-Y8- STA. 10+37.51	-Y8- STA. 11+20.00	39	73	34	
-Y9- STA. 10+34.00	-Y9- STA. 11+25.00	1	213	212	
TOTAL SUMMARY NO. 4		2,561	4,903	4,064	1,722
SUMMARY TOTALS		6,871	17,875	14,179	3,175
WASTE IN LIEU OF BORROW				-29	-29
LOSS DUE TO CLEARING & GRUBBING:		-300		300	
PROJECT TOTALS		6,571	17,875	14,450	3,146
EST. 5% TO REPLACE TOP SOIL ON BORROW PIT				723	
GRAND TOTALS		6,571	17,875	15,173	3,146
SAY		6,700		15,200	

DDE = 56 CY
 SELECT GRANULAR MATERIAL = 860 CY
 CLASS IV SUBGRADE STABILIZATION = 9470 TONS
 CLASS IV AGGREGATE STABILIZATION (CONTINGENCY) = 250 TONS
 UNDERCUT = 2000 CY
 SHALLOW UNDERCUT = 4250 CY
 PAVEMENT STRUCTURE VOLUME = 3700 CY

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.

ASPHALT PAVEMENT REMOVAL SUMMARY

SURVEY LINE	STATION	STATION	LOCATION LT/RT/CL	SQUARE YARDS
-L-	34+62.35	36+63.01	LT	322.00
-L-	42+37.41	42+75.87	LT	301.70
-L-	55+68.13	65+00.00	LT/RT	1652.50
-L-	65+00.00	72+11.29	LT/RT	894.54
-L-	72+71.14	74+35.29	LT	598.72
-L-	72+92.34	74+75.25	RT	564.65
-L-	74+75.25	77+50.00	LT/RT	363.70
-L-	77+50.00	80+00.00	LT/RT	1055.22
-L-	80+00.00	82+00.00	LT/RT	344.23
TOTALS				6097.25
SAY				6400

48" CHAIN LINK FENCE

STATION TO STATION	LOC. LT/RT	48" FABRIC LF	LINE POSTS	TERMINAL POSTS
-L- 43+74.35 TO -L- 46+06.97	RT	252.00	21	4
TOTALS		252.00	21	4
SAY		260.00	21	4