

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS
SUMMARY OF QUANTITIES



SUMMARY OF EARTHWORK (CUBIC METERS)

STATION TO STATION	UNCLASSIFIED EXCAVATION	UNDERCUT	EMBANKMENT PLUS %	BORROW	WASTE
SUMMARY ONE					
-DET- 10+00.00 TO 12+17.50	1,436		984		452
-DET- 12+43.00 TO 14+28.89	6,979		748		6,231
-DRIVE1- 10+00.00 TO 10+35.00	24		241	219	2
SUBTOTAL SUMMARY ONE	8,439		1,973	219	6,686
WASTE IN LIEU OF BORROW				-219	-219
TOTAL SUMMARY ONE	8,439		1,973	0	6,467
SUMMARY TWO					
-L- 10+60.00 TO 12+45.00 LT	197		205	28	20
-L- 10+60.00 TO 12+45.00 RT	534		76		458
-L- 12+45.00 TO 12+74.00 LT & RT	35		263	231	4
SUBTOTAL SUMMARY TWO	766		544	259	482
WASTE IN LIEU OF BORROW				-259	-259
TOTAL SUMMARY TWO	766		544	0	223
SUMMARY THREE					
-L- 13+06.00 TO 13+60.00 LT & RT	493		665	221	49
-L- 13+60.00 TO 14+20.00 RT	67		2		65
-L- 13+60.00 TO 14+80.00 LT	272		50		221
-DRIVE2- 10+06.00 TO 10+50.00	85		1		85
SUBTOTAL SUMMARY THREE	917		718	221	420
WASTE IN LIEU OF BORROW				-221	-221
TOTAL SUMMARY THREE	917		718	0	199
PROJECT SUBTOTAL	10,122		3,235	0	6,889
DETOUR REMOVAL					
-DET- 10+14.91 TO 12+17.50	960		810		150
-DET- 12+43.00 TO 14+28.89	544		7,402	6,858	
TOTAL DETOUR REMOVAL	1,504		8,212	6,858	150
WASTE IN LIEU OF BORROW				-150	-150
LOSS DUE TO CLEAR. AND GRUB.	-150			150	
EST. SHOULDER CONST.			780	780	
PROJECT TOTAL	11,476		12,227	7,638	6,889
EST. 5% TO REPLACE TOPSOIL ON BORROW PIT				382	
GRAND TOTAL	11,476			8,020	
SAY	11,500			8,020	6,889
DDE = 145 CM					
EST. UNDERCUT = 200 CM			PAVEMENT STRUCTURE VOLUME = 790 CM		

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

SUMMARY OF BREAKING AND REMOVAL OF EXISTING ASPHALT PAVEMENT (SQUARE METERS)

STATION TO STATION	LOCATION	BREAKING AREA	REMOVAL AREA
-L- 12+40.000 TO 12+74.000	LT & RT	244.800 SM	
-L- 13+06.000 TO 13+60.000	LT & RT	388.800 SM	
-DET- 10+70.000 TO 10+96.000	LT & RT	140.400 SM	
-DET- 12+80.000 TO 13+80.000	LT & RT	682.272 SM	
-DET- 10+31.260 TO 10+70.000	LT & RT		209.196 SM
-DET- 10+96.000 TO 12+17.500	LT & RT		874.800 SM
-DET- 12+43.000 TO 12+80.000	LT & RT		266.400 SM
-DET- 13+80.000 TO 13+98.800	LT & RT		135.360 SM
	TOTAL	1456.272 SM	1485.756 SM
	SAY	1460.000 SM	1490.000 SM

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