

DIVISION OF HIGHWAYS
STATE OF NORTH CAROLINA
SUMMARY OF QUANTITIES

SUMMARY OF EARTHWORK

IN CUBIC YARDS

LOCATION	UNCLASSIFIED EXCAVATION	EMBT + 20%	BORROW	WASTE
STAGE 1 - DETOUR CONSTRUCTION				
-DET- STA 13+00.00 TO STA 19+49.97(BRIDGE)	22	5782	5760	
-DET- STA 20+39.66(BRIDGE) TO STA 27+76.00	322	4426	4104	
END BENT EMBANKMENT (BEGIN & END)		308	308	
STAGE 2 -L- CONSTRUCTION				
-L- STA 15+00.00 TO STA 20+43.00 (BRIDGE)	682	1408	726	
-L- STA 21+43.00 (BRIDGE) TO STA 24+00.00	254	214		40
WASTE IN LIEU OF BORROW			-40	-40
END BENT EMBANKMENT (BEGIN & END)		29	29	
STAGE 3 - DETOUR REMOVAL				
-DET- STA 13+00.00 TO STA 19+49.97(BRIDGE)	4829			4829
-DET- STA 20+39.66(BRIDGE) TO STA 27+76.00	3677	301		3376
END BENT EMBANKMENT REMOVAL (BEGIN&END)	257			257
SUB-TOTAL	10043	12439	10887	8462
SHOULDER MATERIAL (-L- & -DET-)		2449	2449	
SHOULDER MATERIAL REMOVAL (-DET-)	1027	0	0	1027
PROJECT TOTAL	11070	14917	13336	9489
EST 5% TO REPLACE BORROW PIT			667	
TOTAL	11070		14003	9489
SAY	11300		14300	9680

SUBGRADE UNDERCUT EXCAVATION = 500 CUBIC YARDS
 UNDERCUT EXCAVATION TO BE WASTED = 100 CUBIC YARDS
 DRAINAGE DITCH EXCAVATION = 850 CUBIC YARDS

SUMMARY OF ASPHALT PAVEMENT REMOVAL

IN SQUARE YARDS

LOCATION	AVG WIDTH	AREA SY
-L-		
STA 15+00 - STA 20+73	22.3	1420
STA 21+13 - STA 24+00	22.1	705
DETOUR		
STA 13+00 - STA 19+49.97	20.6	1487
STA 20+39.66 - STA 27+76	17.8	1458
TOTAL		5070
SAY		5100

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