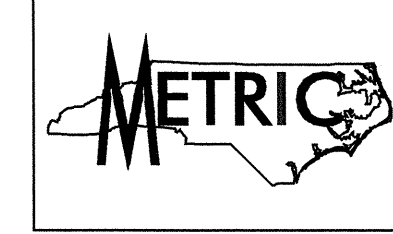


STATE OF NORTH CAROLINA DIVISION OF HIGHWAYS



SUMMARY OF EARTHWORK

NOTE : EMBANKMENT INCLUDES BACKFILL FOR UNDERCUT

LOCATION	UNCL. EXCAVATION	UNDERCUT	EMBT+%	BORROW	WASTE
-L- MED 10+20 TO 11+85	280	0	17	0	263
-L- LT 12+06 TO 17+90.080 (BEG. BRDG.)	3,972	0	72,648	68,676	0
SUBTOTAL	4,252	0	72,665	68,676	263
-L- LT 18+22.156 (END BRDG.) TO 21+20	577	1,519	20,240	19,663	1,519
-L- LT 21+20 TO 24+80	12,257	1,354	9,900	0	3,711
-Y3REV- FULL 11+20 TO 13+24.861	1,417	1,888	4,084	2,667	1,888
SUBTOTAL	13,674	3,242	13,984	2,667	5,599
-L- LT 24+80 TO 27+78.167 (BEG. BRDG.)	1,384	0	56,017	54,633	0
-Y5- LT 10+20 TO 11+15	218	0	14	0	204
-Y5- RT 10+20 TO 11+15	462	0	25	0	437
SUBTOTAL	2,064	0	56,056	54,633	641
-L- LT 28+15.167 (END BRDG.) TO 38+60	14,708	0	53,958	39,250	0
-Y9- FULL 12+40 TO 12+80	130	0	184	54	0
SUBTOTAL	14,838	0	54,142	39,304	0
-L- LT 38+60 TO 46+00	5,393	0	9,001	3,608	0
-Y7- LT 10+20 TO 11+20	456	0	55	0	401
-Y7- RT 10+20 TO 11+20	133	0	0	0	133
SUBTOTAL	5,982	0	9,056	3,608	534
-L- LT 46+00 TO 55+00	10,748	0	14,824	4076	0
-L- LT 55+00 TO 62+40	36,901	0	8,125	0	28,776
-L- LT 62+40 TO 71+20	7,454	0	10,774	3,320	0
-L- LT 71+20 TO 74+40	1,444	0	451	0	993
-RPD- FULL 11+39.267 TO 12+40	1,809	0	327	0	1,482
-RPD- LT 12+40 TO 13+43.281	1,889	0	0	0	1,889
-RPD- RT 12+40 TO 13+43.281	351	0	0	0	351
SUBTOTAL	5,493	0	778	0	4,715
-L- LT 74+40 TO 85+79.544	10,041	0	7,991	0	2,050
-LPD- RT 10+09.152 TO 12+56.898	298	0	551	253	0
-LPD- LT 10+60 TO 11+80	188	0	5	0	183
SUBTOTAL	10,527	0	8,547	253	2,233
-L- RT 12+20 TO 17+40	88	0	10,624	10,536	0
-Y1- RT 10+60 TO 10+80	23	0	66	43	0
SUBTOTAL	111	0	10,690	10,579	0
-L- RT 18+80 TO 21+20	269	0	1,619	1,350	0
-Y3REV- LT 10+40 TO 10+80	170	0	0	0	170
SUBTOTAL	439	0	1,619	1,350	170

LOCATION	UNCL. EXCAVATION	UNDERCUT	EMBT+%	BORROW	WASTE
-L- RT 23+40 TO 26+80	1,131	0	1,669	538	0
-Y4- LT 10+80 TO 11+20	42	0	78	36	0
-Y4- RT 10+80 TO 11+20	184	0	32	0	152
SUBTOTAL	1,357	0	1,779	574	152
-L- RT 28+60 TO 31+60	160	0	1,646	1,486	0
-Y9- FULL 10+00 TO 11+80	1,653	0	91	0	1,562
SUBTOTAL	1,813	0	1,737	1,486	1,562
-L- RT 37+40 TO 38+60	702	0	2,645	1,943	0
-L- RT 41+80 TO 42+40	0	0	145	145	0
-L- RT 43+40 TO 46+00	441	0	0	0	441
SUBTOTAL	1,143	0	2,790	2,088	441
-L- RT 46+00 TO 49+80	853	0	0	0	853
-L- RT 51+60 TO 53+40	0	0	614	614	0
SUBTOTAL	853	0	614	614	853
-L- RT 61+60 TO 62+20	0	0	63	63	0
-L- OUT NBL 41+40 TO 43+96.780	128	0	0	0	128
-L- OUT NBL 50+50.151 TO 71+80	1,061	0	0	0	1,061
-L- OUT NBL 73+16.783 TO 78+47	264	0	0	0	264
-L- OUT NBL 79+20 TO 85+79.544	329	0	0	0	329
SUBTOTAL	1,782	0	0	0	1,782
PROJECT SUB-TOTALS	120,008	4,761	288,483	212,954	49,240
LOSS OF UNCLASS. EXCAV. FOR CLEARING & GRUBBING PER GEOTECH MEMO DATED 8-16-01	- 35,000			35,000	
USE SUITABLE EARTH IN LIEU OF BORROW				-42,697	-42,697
ESTIMATED SHOULDER CONSTRUCTION	0	0	+ 20,240	+ 20,240	0
ESTIMATED UNDERCUT		5,000	5,750	5,750	5,000
PROJECT SUB-TOTALS	85,008	9,761	314,473	231,247	11,543
EST. 5% TO REPLACE TOPSOIL ON BORROW PIT				+ 11,562	
PROJECT SUB-TOTALS	85,008	9,761	314,473	242,809	11,543
GRAND TOTAL	85,008	9,761	314,473	242,809	11,543
SAY	85,100	9,761		243,000	
EST. DDE	3,500				

-L- PAVEMENT STRUCTURE VOLUME = 30,041M³