DIVISION OF HIGHWAYS
STATE OF NORTH CAROLINA

SUMMARY OF EARTHWORK

IN CUBIC YARDS

LOCATION	UNCLASSIFIED EXCAVATION	UNDERCUT	EMBT+%	BORROW	WASTE
SUMMARY NO.1					
–L– 478+00.00 TO 508+00.00	697,182	–	233,477	0	463,705
–L– 508+00.00 TO 538+00.00	377,901	–	183,320	0	194,581
–L– 538+00.00 TO 555+72.50	430,810	–	16,551	0	414,259
–L– 557+97.50 TO 582+79.43	0	–	1,393,936	1,393,936	0
–L– 585+62.52 TO 616+00.00	0	–	927,290	927,290	0
SUBTOTAL	1,505,893	–	2,754,574	2,321,226	1,072,545
SUMMARY NO.2					
–L– 616+00.00 TO 627+11.49	184	–	365,821	365,637	0
–L– 630+20.74 TO 641+69.46	0	–	1,095,728	1,095,728	0
–L– 643+85.96 TO 667+00.00	144,193	–	265,720	121,527	0
–L– 667+00.00 TO 692+32.98	756,016	–	104,288	0	651,728
SUBTOTAL	900,393	–	1,831,558	1,582,893	651,728
SUMMARY NO.3					
–Y1– LT 10+00.00 TO 16+00.00	468	–	904	436	0
–Y1– LT 47+00.00 TO 54+00.00	1,541	–	52	0	1,489
–Y1– RT 10+00.00 TO 16+00.00	1,713	–	192	0	1,521
–Y1– RT 47+00.00 TO 54+00.00	677	–	1,862	1,185	0
SUBTOTAL	4,399	–	3,010	1,621	3,010
SUMMARY NO.4					
–Y1– 16+00.00 TO 23+10.00	610	–	48,476	47,866	0
–Y1– 23+10.00 TO 32+92.05	7,933	–	86,856	78,923	0
–Y1– 35+25.05 TO 47+00.00	5,034	–	112,112	107,078	0
–Y1DET– 12+00.00 TO 32+00.00	44,635	–	11,538	0	33,097
–Y1DET– 32+00.00 TO 48+00.00	20,658	–	40,621	19,963	0
SUBTOTAL	78,870	–	299,604	253,831	33,097
SUMMARY NO.5					
* –Y1DET– REMOVAL	49,403	–	65,158	15,755	0
–Y1LPA– 13+18.00 TO 18+50.00	93,957	–	176	0	93,781
–Y1LPD– 13+45.00 TO 18+60.00	102,251	–	0	0	102,251
–Y1RPA– 16+94.00 TO 30+50.00	212,231	–	19,396	0	192,835
–Y1RPD– 17+88.00 TO 31+99.00	185,802	–	21,263	0	164,539
SUBTOTAL	643,644	–	105,992	15,755	553,406
SUMMARY NO.6					
–Y2– LT 10+00.00 TO 19+05.71	308	–	1,244	936	0
–Y2– LT 21+34.71 TO 29+75.00	1,086	–	509	0	577
–Y2– RT 10+00.00 TO 19+05.71	2,785	–	306	0	2,479
–Y2– RT 21+34.71 TO 29+75.00	349	–	1,250	901	0
SUBTOTAL	4,528	–	3,310	1,838	3,056
SHEET TOTAL	3,137,727	–	4,998,047	4,177,163	2,316,843

NOTE: 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.

* Quantity includes material used in shoulder construction.

COMPUTED BY: N. BEDENBAUGH DATE: 7-21-14
CHECKED BY: P. ROGERS DATE: 7-30-14

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SHEET NO. 3B-1