

STATE OF NORTH CAROLINA
 DIVISION OF HIGHWAYS

SUMMARY OF EARTHWORK

IN CUBIC YARDS

LOCATION	UNCL. EXCAVATION	UNDERCUT	EMBT + %	BORROW	WASTE
<u>EASTBOUND LANES</u>					
-L2- STA 210+93.47 TO 225+00.00	2,187		12,992	10,805	
-L-RT STA 225+00.00 TO 230+87.26 (BRIDGE)			32,463	32,463	
-Y15- STA 10+47.00 TO 15+31.42	66		15,753	15,687	
-L-RT STA 232+57.01 (BRIDGE) TO 260+00.00	15,024		42,371	27,346	
-Y2rev- STA 10+47.00 TO 17+50.00	2,290		18,901	16,611	
-Y3rev- STA 11+00.00 TO 12+82.20	34		266	232	
-L-RT STA 260+00.00 TO 290+00.00	43,359	2,735	31,611		16,484
-L-RT STA 290+00.00 TO 303+02.00 (BRIDGE)	10,942		24,423	13,482	
-L-RT STA 305+42.00 (BRIDGE) TO 335+00.00	8,467		18,086	9,620	
-L-RT STA 335+00.00 TO 365+00.00	57,219		10,440		46,779
-Y5- STA 10+47.00 TO 15+45.75	7,274		11		7,264
-Y5DET- STA 9+83.74 TO 15+21.02	558		56		501
-L-RT STA 365+00.00 TO 371+45.89	344		1,498	1,154	
TEMPORARY WIDENING FOR -L-			174	174	
SUBTOTAL *1	149,763	2,735	209,044	127,574	71,027
<u>WESTBOUND LANES</u>					
-U- STA 210+93.74 TO 225+00.00	2,165		419		1,746
-L-LT STA 225+00.00 TO 229+78.74 (BRIDGE)	4		8,275	8,272	
-L-LT STA 231+48.49 (BRIDGE) TO 260+00.00	8,261		13,085	4,824	
-Y1rev- STA 11+00.00 TO 16+66.56	1,003		1,752	749	
-L-LT STA 260+00.00 TO 290+00.00	18,670		1,195		17,476
-Y9- STA 14+83.74 TO 19+24.30	516		175		341
-L-LT STA 290+00.00 TO 303+02.00 (BRIDGE)	3,108		2,725		383
-Y4- STA 10+00.00 TO 14+69.22	3,073		62		3,011
-L-LT STA 305+42.00 (BRIDGE) TO 335+00.00	3,027		8,041	5,014	
-L-LT STA 335+00.00 TO 365+00.00	20,568		5,310		15,257
-L-LT STA 365+00.00 TO 371+45.89	293		270		23
SUBTOTAL *2	60,688		41,310	18,859	36,237
PROJECT TOTAL *1	210,451	2,735	250,354	146,432	109,264
LOSS DUE TO CLEARING AND GRUBBING (5%)	-10,523			10,523	
ESTIMATED UNDERCUT EXCAVATION		2,465	2,958	2,958	
SHOULDER MATERIAL			24,238	24,238	
WASTE IN LIEU OF BORROW				-87,151	-87,151
EST. 5% TO REPLACE TOPSOIL IN BORROW PITS				4,850	
PROJECT TOTAL *2	199,928	5,200	277,550	101,850	22,113
GRAND TOTALS	200,000	5,200		101,900	22,113

DRAINAGE DITCH EXCAVATION = 450 CY
 SELECT GRANULAR MATERIAL = 3,500 CY
 PAVEMENT STRUCTURE VOLUME = 25,800 CY