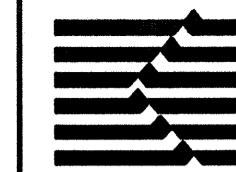


COMPUTED BY: GRS DATE: 6/29/04  
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STATE OF NORTH CAROLINA  
 DIVISION OF HIGHWAYS



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PROJECT REFERENCE NO. R-2562C  
 SHEET NO. 3-M

**SUMMARY OF EARTHWORK**  
 IN CUBIC METERS

LOCATION	UNCL. EXCAVATION	UNDERCUT	EMBT + %	BORROW	WASTE
<b>SUMMARY 1</b>					
-L- LINE (LT)					
STA. 96+62.220 TO STA. 97+34.000	112		114	2	
-L- REV LINE (LT)					
STA. 97+39.400 TO STA. 100+93.730	163		615	452	
STA. 101+04.620 TO STA. 107+40.000	735		1014	279	
STA. 107+40.000 TO STA. 118+00.000	5946		9188	3242	
STA. 118+00.000 TO STA. 128+00.000	1909		14,485	12,576	
STA. 128+00.000 TO STA. 138+00.000	1699		6410	4711	
STA. 138+00.000 TO STA. 148+00.000	3296		12,283	8987	
STA. 148+00.000 TO STA. 158+00.000	4710		13,104	8394	
STA. 158+00.000 TO STA. 168+00.000	6548		11,135	4587	
STA. 168+00.000 TO STA. 178+47.500 (BRIDGE)	870		3018	2148	
STA. 179+11.500 (BRIDGE) TO STA. 190+00.000	2768		686		2082
-Y4-					
STA. 10+14.500 TO STA. 10+80.000	252		158		94
-Y5-					
STA. 10+14.200 TO STA. 10+75.456	601		231		370
<b>SUBTOTAL SUMMARY 1</b>	<b>29,609</b>		<b>72,441</b>	<b>45,378</b>	<b>2546</b>
<b>SUMMARY 2</b>					
-L- LINE (RT)					
STA. 96+62.220 TO STA. 97+34.000	83		181	98	
-L- REV LINE (RT)					
STA. 97+39.400 TO STA. 100+94.090	1093		4523	3430	
STA. 101+04.620 TO STA. 107+40.000	3116		2799		317
STA. 107+40.000 TO STA. 118+00.000	4234		7056	2822	
STA. 118+00.000 TO STA. 128+00.000	3888		2479		1409
STA. 128+00.000 TO STA. 138+00.000	2110		2101		9
STA. 138+00.000 TO STA. 148+00.000	2217		1244		973
STA. 148+00.000 TO STA. 158+00.000	2214		2278	64	
STA. 158+00.000 TO STA. 168+00.000	1186		2250	1064	
STA. 168+00.000 TO STA. 178+47.500 (BRIDGE)	1501		278		1223
STA. 179+11.500 (BRIDGE) TO STA. 190+00.000	1276		176		1100
-Y2-					
STA. 10+14.000 TO STA. 10+75.000	1192		5		1187
-Y3-					
STA. 10+14.400 TO STA. 10+71.190	417		21		396
-Y6-					
STA. 10+14.600 TO STA. 10+70.000	55		0		55
-Y7-					
STA. 10+09.200 TO STA. 10+55.452	38		0		38
<b>SUBTOTAL SUMMARY 2</b>	<b>24,620</b>		<b>25,391</b>	<b>7478</b>	<b>6707</b>

LOCATION	UNCL. EXCAVATION	UNDERCUT	EMBT + %	BORROW	WASTE
<b>PROJECT SUBTOTAL</b>	<b>54,229</b>		<b>97,832</b>	<b>52,856</b>	<b>9253</b>
WASTE TO BE USED IN LIEU OF BORROW				-9253	-9253
LOSS DUE TO CLEARING & GRUBBING	-300			300	
ESTIMATE FOR SHOULDER MATERIAL			41,053	-41,053	
ADDITIONAL UNDERCUT		3600	4500	4500	3600
<b>PROJECT TOTAL</b>	<b>53,929</b>	<b>3600</b>	<b>143,385</b>	<b>89,456</b>	<b>3600</b>
EST. FOR REPL. TOPSOIL ON BORROW PITS				4473	
<b>GRAND TOTAL</b>	<b>53,929</b>			<b>93,929</b>	<b>3600</b>
<b>SAY</b>	<b>54,000</b>			<b>94,000</b>	

-L- PAVEMENT STRUCTURE VOLUME = 9500 M3  
 DDE = 1400 M3

**SUMMARY OF PAVEMENT REMOVAL**

LOCATION	M2
<b>-L- REV LINE (MEDIAN)</b>	
STA. 111+17.000 TO STA. 111+89.500	261
STA. 111+89.500 TO STA. 112+56.000	479
STA. 112+56.000 TO STA. 113+55.000	356
<b>-L- REV LINE, RT. (MEDIAN)</b>	
STA. 183+42.000 TO STA. 185+85.000	535
PER GEOTECHNICAL RECOMMENDATIONS	2940
<b>TEMPORARY PAVEMENT REMOVAL</b>	
STA. 97+48.000 TO STA. 98+80.000 -L-REV	432
STA. 141+97.000 TO STA. 143+32.000 -L-REV	246
STA. 172+42.000 TO STA. 174+80.000 -L-REV	504
STA. 180+38.000 TO STA. 186+14.000 -L-REV	1731
<b>TOTAL</b>	<b>7484</b>
<b>SAY</b>	<b>7500</b>