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STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

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PROJECT REFERENCE NO.	SHEET NO.
B-3157	3-G
HYDRAULICS ENGINEER	ROADWAY DESIGN ENGINEER

REVISIONS

SUMMARY OF PAVEMENT REMOVAL

IN SQUARE YARDS

LOCATION	ASPHALT REMOVAL	ASPHALT BREAK-UP	CONCRETE REMOVAL	CONCRETE BREAK-UP
-L- 23+50 TO 28+05 RT		1,314		
-L- 29+95 TO 34+00 RT		1,170		
-L- 24+00 TO 28+08 LT		1,360		
-L- 29+95 TO 34+00 LT		1,260		
LOOP C 1+72 LT TO -Y6- 15+78 LT	844			
RAMP C 0+00 TO 4+45 RT		1,120		
RAMP C 4+45 TO 6+40 RT	455			
-Y6- 18+48 TO 20+90 LT	376			
-Y1- 14+81 RT TO -Y3- 15+17 LT	546			
-Y3- 15+30 RT TO -Y1- 19+17 RT	319			
-Y1- 18+98 LT TO -Y2- 12+80 RT	1,019			
-Y4- 10+35 TO 14+14 LT	642			
RAMP C DETOUR 10+29.4 TO 13+90.1	1,064			
-Y1- DETOUR 14+75 TO 20+00	2,900			
SBL X-OVER #1 11+79.87 TO 16+19.38	1,057			
SBL X-OVER #2 10+80 TO 13+91.33	770			
-L- 23+17 TO 25+22 MEDIAN	356			
TOTAL	10,348	6,224		
SAY	10,500	6,400		

SUMMARY OF EARTHWORK

IN CUBIC YARDS

SURVEY LINE	STATION	STATION	UNCLASSIFIED EXCAVATION	UNDERCUT	EMBANKMENT + %	BORROW	WASTE
-L- (LEFT) W/ -Y3-	17+00.00	28+49.65	2,649	0	10,394	7,745	0
BRIDGE							
SUBTOTAL			2,649	0	10,394	7,745	0
BRIDGE							
-L- (LEFT) W/ DRIVE #1	29+87.18	39+07	918	0	8,272	7,354	0
-Y2-	10+18.00	14+50.00	454	0	1,890	1,436	0
DRIVE #1	10+13.36	11+50.00	399	0	53	0	346
SUBTOTAL			1,771		10,215	8,790	346
-L- (MEDIAN)	16+00.00	28+50	643	0	2,858	2,215	0
BRIDGE							
SUBTOTAL			643		2,858	2,215	0
BRIDGE							
-L- (MEDIAN)	29+89	38+90.00	318	0	1,147	829	0
SUBTOTAL			318		1,147	829	0
BRIDGE							
-L- (RIGHT) W/ LP. 'C' & RP. 'C'	13+35.00	28+49.29	2,452	0	23,152	20,700	0
RP. 'C' W/ LP. 'C'	6+00.00	7+50.00	587	0	1,516	929	0
-Y6-	12+44.81	23+75.00	242	0	22,583	22,341	0
BRIDGE							
SUBTOTAL			3,281		47,251	43,970	0
BRIDGE							
-L- W/ -Y4-	29+87.96	38+90.00	717	0	4,517	3,800	0
SUBTOTAL			717		4,517	3,800	0
-Y1-	14+00.00	27+30.00	972	0	13,457	12,485	0
SUBTOTAL			972		13,457	12,485	0
PROJECT SUBTOTALS			10,351		89,839	79,834	346
EST. LOSS DUE TO CLEARING AND GRUBBING			(500)			500	
EARTH WASTE TO REPLACE BORROW						(346)	(346)
EST. SHOULDER MATERIAL					2,940	2,940	
CONSTRUCT DETOURS			164		4,193	4,029	
REMOVE DETOURS			4,193				4,193
EARTH MATERIAL FOR CONCRETE COVER					13	13	
PROJECT TOTALS			14,208		96,972	86,957	4,193
EST. 5% FOR REPLACING TOP SOIL ON BORROW PITS						4,348	
GRAND TOTAL			14,208			91,305	
SAY			15,000			96,000	

DRAINAGE DITCH EXCAVATION = 25,500 CY
UNDERCUT EXCAVATION (CONTIGENCY) = 1,500 CY

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