COMPUTED BY: _	JLB	DATE:_	04.14.03
CHECKED BY:	SER	DATE:	04.15.03
REVISED BY:	AMP	DATE:_	06.21.04

DIVISION OF HIGHWAYS STATE OF NORTH CAROLINA

SUMMARY OF EARTHWORK

IN CUBIC YARDS

LOCATION	UNCLASSIFIED EXCAVATION	UNDERCUT	EMBT+%	BORROW	WASTE
SUMMARY #1					
-L— Sta. 11+00.00 (Beg. Const.) TO 19+36.60 (Beg. Bridge)	49,467		3,794		45,673
-L— Sta. 22 + 50.00 (End Bridge) TO 30 + 50.00 (End Const.)	2,188		8,917	6,729	
			10.711	4.700	45 (70
SUMMARY SUBTOTAL	51,655		12,711	6,729	45,673
EST. LOSS DUE TO CLEARING & GRUBBING	-3,000				-3,000
ROCK WASTE TO REPLACE BORROW				-4,681	-4,681
DEDUCTION FOR ROCK SWELL			–1,170	–1,170	
DEDUCTION FOR EARTH SHRINKAGE			-878	- 878	
PROJECT SUBTOTAL	48,655		10,663	0	37,992
PROJECT GRAND TOTAL	48,655			0	37,992
SAY	50,000				38,000

ESTIMATED UNDERCUT = 300 CY.

SELECT MATERIAL CLASS II OR III = 300 CY FOR UNDERCUT BACKFILL.

SELECT MATERIAL CLASS II OR III = 1,000 CY CONTINGENCY.

CLASS IV SUBGRADE STABILIZATION MATERIAL = 500 TONS CONTINGENCY.

THESE EARTHWORK COMPUTATIONS ASSUME MATERIAL CAN BE HAULED OVER BRIDGE.

APPROXIMATE QUANTITIES ONLY. UNCLASSIFIED EXCAVATION, BORROW EXCAVATION, FINE GRADING CLEARING AND GRUBBING, BREAKING OF EXISTING PAVEMENT, AND REMOVAL OF EXISTING PAVEMENT WILL BE PAID FOR AT THE CONTRACT LUMP SUM PRICE FOR "GRADING".

PAVEMENT REMOVAL IN SQUARE YARDS

IN SQUARE YARDS							
LINE	LT/RT	STATION TO STATION	SQ. YDS				
-L- -L-	-LT- -LT-	12+20 - 19+30 22+30 - 28+80	659.6 1231.2				
		PROJECT TOTAL SAY	1,890.8 1,900 SY				

BREAKING OF EXISTING PAVEMENT IN SOUARE YARDS

IN SQUARE TARDS								
LINE	LT/RT	STATION TO STATION	SQ. YDS					
	LT-	14+00 - 19+30	685					
		PROJECT TOTAL	685					
		SAY	700					

SUMMARY OF SHOULDER BERM GUTTER

3-B

LINE	LT/RT	STATION TO STATION	FT.
L	RT	11 + 62.1 TO 19 + 12.1 (CAD)	750.0
-L-	LT	22 + 75.1 TO 23 + 06.0	30.9
L	RT	22+87.5 TO 24+00.0	124.9
		PROJECT TOTAL	905.8
		SAY	950 LF

RIGHT OF WAY AREA DATA

PARCEL NO.	PROPERTY OWNERS NAMES	TOTAL ACREAGE	AREA TAKEN	AREA REMAINING RT.	AREA REMAINING LT.	CONST. EASE.	PERM. DRAIN. EASE.	TEMP. DRAIN. EASE.	AREA IN EXIST. R/W	TEMP. UTILITY EASE.
1	ROBERT G. JONES	41,930 SQ. FT.	937 SQ. FT.	40,993 SQ. FT.			220 SQ. FT.		375 SQ. FT.	an same, haden an animal month to the large of the second or the second of the second
2	GARY C. PRANGE	21.82 AC	.64 AC	7.72 AC	12.91 AC	.67 AC	.20 AC		.66 AC	dia Autori i companio (2.2.1.470, monto companio e con participante de la C.A. establista
3	GARY C. PRANGE	6.69 AC			6.27 AC	.30 AC	2,173 SQ. FT.		.42 AC	2,084 SQ. FT.
4	DAVID W. GRANTHAM	9.40 AC	.48 AC	8.92 AC		.56 AC			.00 AC	
5	EVAZELLA PARSONS	18.86 AC	.95 AC	17.91 AC		.26 AC	.11 AC		.39 AC	
6	RUFUS G. SOUTH	2.97 AC	.25 AC	2.72 AC		1,739 SQ. FT.	345 SQ. FT.		.00 AC	
7	JOHNNY D. BROWN	3.04 AC	.07 AC	2.97 AC		1,188 SQ. FT.			.00 AC	