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COMPUTED BY: CALYX E+C DATE: 11-21-2017
CHECKED BY: _____ DATE: _____

PROJECT NO.	SHEET NO.
R-5014	3B-1

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

SUMMARY OF EARTHWORK

Station	Station	Uncl. Ecav.	Undercut	Embank. +%	Borrow	Waste
-L- 10+92.00	-L- 29+30.00	5230	1000	1264		4966
-Y1- 10+12.01	-Y1 11+71.00	23		115	92	
SUBTOTALS:		**5253**	**1000**	**1379**	**92**	**4966**
SUBTOTALS:						
MATERIAL FOR SHOULDER CONSTRUCTION				94	94	
WASTE IN LIEU OF BORROW					-186	-186
PROJECT TOTALS:		**5253**	**1000**	**1473**	**0**	**4780**
PROJECT TOTALS:		**5253**	**1000**	**1473**	**0**	**4780**
GRAND TOTALS:		5253	1000	1473	0	4780
SAY:		**5300**				

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.

CONTINGENCY UNDERCUT = 1,000 CY
SELECT GRANULAR MATERIAL FOR BACK FILLING SUBGRADE UNDERCUT + CONTINGENCY = 1,600 CY +500 CY = 2,100 CY TOTAL
CONTINGENCY GEOTEXTILE FOR SOIL STABILIZATION = 2,900 CY
CONTINGENCY SHALLOW UNDERCUT = 100 CY
CONTINGENCY CLASS IV SUBGRADE STABILIZATION = 190 TONS
CONTINGENCY BORROW = 500 CY

Note: Approximate quantities only. Unclassified Excavation, Borrow Excavation, Shoulder Borrow, 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 SUMMARY

IN SQUARE YARDS

SURVEY LINE	Station	Station	LOCATION LT/RT/CL	ASPHALT REMOVAL
-L-	16+24.00	24+60.00	LT	1582.09
		TOTAL:		1,582.09
		SAY:		**1,600**