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COMPUTED BY: SGM DATE: 4/9/2018
CHECKED BY: JLT DATE: 4/20/2018

PROJECT NO.	SHEET NO.
U-5776	3B-1

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

SUMMARY OF EARTHWORK

IN CUBIC YARDS

Station	Station	Uncl. Excav.	Embank. +15%	Borrow	Waste
-L- 11+90.00	-L- 15+32.32	525	536	11	
-Y1- 10+45.00	-Y1- 13+16.53	145	346	201	
-Y1- 14+46.53	-Y1- 17+00.00	115	224	109	
SUBTOTAL 1:		785	1,106	321	
-L- 15+32.32	-L- 19+59.33	2,685	577		2,108
SUBTOTAL 2:		2,685	577		2,108
-L- 19+86.37	-L- 23+58.30	345	7,119	6,774	
-Y2- 11+00.00	-Y2- 21+45.00	528	159		369
-DR- 10+27.00	-DR- 10+76.57	26	51	25	
SUBTOTAL 3:		899	7,329	6,799	369
TOTAL:		4,369	9,012	7,120	2,477
LOSS DUE TO CLEARING & GRUBBING		-275		275	
WASTE IN LIEU OF BORROW				-2,477	-2,477
PROJECT TOTALS:		4,094	9,012	4,918	0
EST. 5% TO REPLACE TOP SOIL ON BORROW PIT				246	
GRAND TOTALS:		4,094	9,012	5,164	
SAY:		**4,300**		**5,400**	

EST. DDE: 170 CY
TOTAL SHALLOW UNDERCUT = 500 CUBIC YARDS
CLASS IV SUBGRADE STABILIZATION = 1,000 TONS
PER GEOTECH RECOMMENDATION, ESTIMATED 300 CUBIC YARDS OF
UNDERCUT TO BE USED IN THE DISCRETION OF THE RESIDENT ENGINEER.

Note: 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.

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.

PAVEMENT REMOVAL SUMMARY

IN SQUARE YARDS

SURVEY LINE	Station	Station	LOCATION LT/RT/CL	ASPHALT REMOVAL	ASPHALT BREAKUP	CONCRETE REMOVAL	CONCRETE BREAKUP
-L-	11+90	12+30	LT	3.21			
-L-	11+90	14+11	RT	118.15			
-Y1-	10+63	11+72	LT	11.29			
-Y1-	10+45	13+17	RT	139.64			
-Y1-	12+75		LT	1,242.16			
-Y1-	13+17	14+47	RT	448.59			
-Y1-	14+47	17+00	RT	458.17			
-L-	13+50	14+11	RT		57.48		
-Y1-	12+50	13+22	RT		64.08		
-Y1-	14+26	15+15	RT		82.35		
		TOTAL:		2,421.21	203.91		
		SAY:		**2,430**	**210**		