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COMPUTED BY: ADS DATE: 1/24/2022

PROJECT NUMBER	SHEET NUMBER
B-3186	3B-1

RD:

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

SUMMARY OF EARTHWORK

Note: Detour cross sections were run on original ground. L Line cross sections were re-cut with the detours in place.

CHAIN	BEGINNING STATION	ENDING STATION	UNCL. EXCA. C.Y.	UNDERCUT C.Y.	EMBANK. +% C.Y.	BORROW C.Y.	WASTE C.Y.
SUMMARY 1							
-L (DET01_PH1_RUN)-	43+58.33	46+11.55	119				119
SUBTOTAL			**119**				**119**
SUMMARY 2							
-L (DET01_WB)-	15+43.45	22+98.76	651		5		646
-L (DET01_EB)-	18+60.79	40+56.07	4,956		33,488	28,532	
-L (TMP WID)-	31+17.93	38+99.17	187				187
SUBTOTAL			**5,794**		**33,493**	**28,532**	**833**
SUMMARY 3							
-L (DET01_WB)-	44+06.83	46+11.55	118		6		112
-L (DET01_EB)-	43+55.89	46+11.55			11,362	11,362	
SUBTOTAL			**118**		**11,368**	**11,362**	**112**
SUMMARY 4							
-L (L_LT)-	15+00.00	41+55.00	13,100		14,449	1,349	
-L (DET02_EB_X1)-	14+09.95	22+23.81	248		61		187
SUBTOTAL			**13,348**		**14,510**	**1,349**	**187**
SUMMARY 5							
-L (L_LT)-	43+87.25	46+11.55	200		2,360	2,160	
SUBTOTAL			**200**		**2,360**	**2,160**	
SUMMARY 6							
-L (L_RT)-	15+00.00	41+55.00	14,926		10,601		4,325
SUBTOTAL			**14,926**		**10,601**		**4,325**
SUMMARY 7							
-L (L_RT)-	43+87.25	46+11.55	6,475		3,809		2,666
SUBTOTAL			**6,475**		**3,809**		**2,666**
SHEET TOTALS			**40,980**		**76,139**	**43,402**	**8,243**
LOSS DUE TO CLEARING AND GRUBBING			**-2,700**			**2,700**	
MATERIAL FOR SHOULDER CONSTRUCTION					**1,271**	**1,271**	
UNSUITABLE WASTE (PER GEOTECH)					**575**	**575**	**500**
EARTH WASTE IN LIEU OF BORROW						**-3,350**	**-3,350**
PROJECT TOTAL			**38,280**		**77,985**	**44,598**	**5,393**
EST. 5% TO REPLACE TOP SOIL ON BORROW PIT						**2,230**	
GRAND TOTAL			**38,280**			**46,828**	
SAY			**38,300**			**46,900**	
DRAINAGE DITCH EXCAVATION			**1,200**	**CY**			
SHALLOW UNDERCUT CONTINGENCY			**5,967**	**CY**			
GEOTEXTILE FOR SOIL STABILIZATION (RDY)			**37,600**	**SY**			
GEOTEXTILE FOR SOIL STABILIZATION (EC)			**200**	**SY**			
CLASS IV SUBGRADE STABILIZATION			**48,237**	**TONS**			

CHAIN	BEGINNING STATION	ENDING STATION	UNCL. EXCA. C.Y.	UNDERCUT C.Y.	EMBANK. +% C.Y.	BORROW C.Y.	WASTE C.Y.