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COMPUTED BY: ADS DATE: 1/24/2022

PROJECT NUMBER	SHEET NUMBER
B-5898	3B-2

RD:

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

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

SUMMARY OF EARTHWORK

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)-	46+00.00	56+50.00	348		7,890	7,542	
SUBTOTAL			**348**		**7,890**	**7,542**	
SUMMARY 2							
-L (DET01_EB)-	46+11.55	56+23.28	465		57,997	57,532	
-L (DET01_EB-Y1RT)-	56+23.28	66+69.92	395		15,485	15,090	
-L (DET01_WB)-	46+11.55	61+48.17	3,019		1,766		1,253
-L (DET01_Y1RT)-	49+41.83	55+54.86	1,507		5		1,502
-L (L_RT)-	61+48.14	67+71.14	797		649		148
-L (DET01_EB_EXT)-	66+69.92	67+42.04	43		251	208	
SUBTOTAL			**6,226**		**76,152**	**72,829**	**2,903**
SUMMARY 3							
-L (DET01_EB)-	69+45.10	76+69.75	816		5		811
-L (DET01_WB)-	71+28.99	76+69.75	537		39		498
SUBTOTAL			**1,353**		**44**		**1,309**
SUMMARY 4							
-L (Y1LTXRP)-	63+01.54	67+49.55	292		5		287
SUBTOTAL			**292**		**5**		**287**
SUMMARY 5							
-L (L_LT)-	46+11.55	67+93.53	28,597		4,787		23,810
-L (L_LT-Y1LT)-	49+00.00	52+65.26	6,086		219		5,868
SUBTOTAL			**34,683**		**5,006**		**29,677**
SUMMARY 6							
-L (L_LT)-	69+52.65	80+69.89	3,073		1,442		1,631
SUBTOTAL			**3,073**		**1,442**		**1,631**
SUMMARY 7							
-Y1RT-	13+20.00	17+00.00	362		21		341
-Y1RT (Y1LT)-	13+19.56	17+00.00	632		25		607
SUBTOTAL			**994**		**46**		**948**
SUMMARY 8							
-Y1RT-	17+00.00	26+00.46	104		38,057	37,953	
-Y1RT (Y1LT)-	17+00.00	26+00.46	995		9,216	8,221	
SUBTOTAL			**1,099**		**47,273**	**46,174**	
SUMMARY 9							
-L (L_RT-Y1RT)-	52+43.00	56+23.28	8,866		2,108		6,758
-L (L_RT-Y1RT)-	56+23.28	61+13.87	913		48		865
SUBTOTAL			**9,779**		**2,156**		**7,623**
SUMMARY 10							
-L (Y1RTXRP)-	55+22.36	62+05.36	91		1,563	1,472	
-L (Y1RTXRP-L_LT)-	62+05.36	67+75.97	83		383	300	
SUBTOTAL			**174**		**1,946**	**1,772**	
SUMMARY 11							
-L (L_RT)-	46+11.55	61+48.14	36,113		12,128		23,985
-L (L_RT)-	61+48.14	67+83.05	344				344
SUBTOTAL			**36,457**		**12,128**		**24,329**

CHAIN	BEGINNING STATION	ENDING STATION	UNCL. EXCA. C.Y.	UNDERCUT C.Y.	EMBANK. +% C.Y.	BORROW C.Y.	WASTE C.Y.
SUMMARY 12							
-L (DET02_WB_X2)-	72+04.86	80+56.61	726		170		556
-L (L_RT)-	69+57.30	81+35.95	2,074		206		1,868
SUBTOTAL			**2,800**		**376**		**2,424**
SHEET TOTALS			**97,278**		**154,463**	**128,317**	**71,132**
LOSS DUE TO CLEARING AND GRUBBING			**-5,100**			**5,100**	
MATERIAL FOR SHOULDER CONSTRUCTION					**3,007**	**3,007**	
UNSUITABLE WASTE (PER GEOTECH)					**575**	**575**	**500**
EARTH WASTE IN LIEU OF BORROW						**-59,330**	**-59,330**
PROJECT TOTAL			**92,178**		**158,046**	**77,670**	**12,302**
EST. 5% TO REPLACE TOP SOIL ON BORROW PIT						**3,883**	
GRAND TOTAL			**92,178**			**81,553**	
SAY			**92,200**			**81,600**	
DRAINAGE DITCH EXCAVATION			**1,700**	**CY**			
SHALLOW UNDERCUT CONTINGENCY			**10,233**	**CY**			
GEOTEXTILE FOR SOIL STABILIZATION (RDY)			**61,100**	**SY**			
GEOTEXTILE FOR SOIL STABILIZATION (EC)			**100**	**SY**			
CLASS IV SUBGRADE STABILIZATION			**43,163**	**TONS**			