

STATE OF NORTH CAROLINA DIVISION OF HIGHWAYS

SUMMARY OF EARTHWORK (IN CUBIC YARDS)

STATION	STATION	UNCL. EXCAV.	EMBANK. +%	BORROW	WASTE
SUMMARY 1					
-DET1- 24+00.00	-DET1- 31+00.00	388	35		353
	SUBTOTALS:	388	35		353
SUMMARY 2					
-DET2- 17+40.00	-DET2- 23+75.00	334	246		88
	SUBTOTALS:	334	246		88
SUMMARY 3					
-L- LT (SB) 10+50.00	-L- LT (SB) 23+55.94 (BRIDGE)	2,390	6,934	4,544	
	SUBTOTALS:	2,390	6,934	4,544	
SUMMARY 4					
-L- LT (SB) 26+28.84 (BRIDGE)	-L- LT (SB) 37+24.12	186	15,461	15,275	
	SUBTOTALS:	186	15,461	15,275	
SUMMARY 5					
-L- RT (NB) 10+50.00	-L- RT (NB) 23+05.71 (BRIDGE)	2,094	4,010	1,916	
	SUBTOTALS:	2,094	4,010	1,916	
SUMMARY 6					
-L- RT (NB) 25+78.61 (BRIDGE)	-L- RT (NB) 36+85.17	361	20,243	19,882	
	SUBTOTALS:	361	20,243	19,882	
SUMMARY 7					
-L- LT 12+00.00	-L- LT 23+31.55 (BRIDGE)	4,687	333		4,355
	SUBTOTALS:	4,687	333		4,355
SUMMARY 8					
-L- LT 26+04.45 (BRIDGE)	-L- LT 34+35.00	1,309	10		1,299
	SUBTOTALS:	1,309	10		1,299
SUMMARY 9					
-L- RT 12+00.00	-L- RT 23+31.55 (BRIDGE)	3,686	59		3,627
	SUBTOTALS:	3,686	59		3,627
SUMMARY 10					
-L- RT 26+04.45 (BRIDGE)	-L- RT 32+80.00	1,685	41		1,644
	SUBTOTALS:	1,685	41		1,644
	TOTALS:	17,120	47,372	41,617	11,366
	EST. SHOULDER MATERIAL:		3,975	3,975	
	PROJECT TOTALS:	17,120	51,347	45,592	11,366
	EST. 5% TO REPLACE TOP SOIL ON BORROW PIT:			2,280	
	GRAND TOTALS:	17,120		47,872	
	SAY:	17,200		48,000	

EST. UNDERCUT CONTINGENCY = 1,000 CY	PER GEOTECH. RECOMMENDATIONS DATED: JULY 12, 2013 & FEBRUARY 12, 2015
SHALLOW UNDERCUT CONTINGENCY = 1,500 CY	
SELECT GRANULAR MATERIAL = 1,000 CY	

DDE = 382 CY
PAVEMENT STRUCTURE VOLUME = 11,250 CY

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.