

12/06/07

COMPUTED BY: ESP DATE: 09/18/2023
 CHECKED BY: JT DATE: 10/09/2023

STATE OF NORTH CAROLINA
 DIVISION OF HIGHWAYS

PROJECT REFERENCE NO. SHEET NO.
 U-4015A 3B-1

SUMMARY OF EARTHWORK

IN CUBIC YARDS

CHAIN	BEGINNING STATION	ENDING STATION	UNCL. EXCA. C.Y.	UNDERCUT C.Y.	EMBANK. +% C.Y.	BORROW C.Y.	WASTE C.Y.																												
TMP PHASE 1 - STEP 2																																			
-L- LT	10+25.00	35+75.00	635		9,449	8,814																													
-L- RT	10+25.00	17+00.00	14		1,244	1,230																													
-L- RT TEMP.	33+00.00	35+50.00	4		331	327																													
-L- RT	37+00.00	66+00.00	1,198		2,929	2,156	425																												
-L- LT	40+75.00	54+25.00	1,176		962	111	325																												
-DR1-	10+30.00	11+40.00			101	101																													
SUBTOTAL			3,027		15,017	12,740	750																												
TMP PHASE 1 - STEP 3																																			
-L- RT	29+00.00	37+00.00	139		410	271																													
-Y1- LT	10+42.31	11+80.00	111		86		25																												
-Y2-	10+42.11	12+30.00	812	1,200	53		1,959																												
SUBTOTAL			1,062	1,200	550	271	1,984																												
TMP PHASE 1 - STEP 5																																			
-L- LT	35+75.00	40+75.00	63		226	163																													
SUBTOTAL			63		226	163																													
TMP PHASE 2																																			
-L- RT TEMP.	18+37.00	28+63.00			136	136																													
SUBTOTAL					136	136																													
TMP PHASE 3																																			
-L- RT	12+00.00	29+00.00	58		2,284	2,226																													
-L- LT	54+25.00	66+00.00	180		438	358	100																												
-Y1- RT	10+42.31	11+80.00	9		136	127																													
SUBTOTAL			247		2,857	2,710	100																												
SHEET TOTALS			4,399	1,200	18,785	16,020	2,834																												
MATERIAL FOR SHOULDER CONSTRUCTION					36	36																													
ADDITIONAL UNDERCUT				850	1,020	1,020	850																												
EARTH WASTE IN LIEU OF BORROW						-784	-784																												
PROJECT TOTAL			4,399	2,050	19,841	16,292	2,900																												
EST. 5% TO REPLACE TOP SOIL ON BORROW PIT						815																													
GRAND TOTAL			4,399			17,106																													
SAY			4,400			17,110																													
<p>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.</p>																																			
<p>DRAINAGE DITCH EXCAVATION = 550 C.Y. SHALLOW UNDERCUT = 2500 C.Y. SHALLOW UNDERCUT (CONTINGENCY) = 800 C.Y. CLASS IV SUBGRADE STABILIZATION = 6600 C.Y.</p>			<p>Unclassified Excavation - Acceptable Below 3 Feet</p> <table border="1"> <thead> <tr> <th>Line</th> <th>Stations</th> <th>Offset</th> <th>Quantity(CY)</th> </tr> </thead> <tbody> <tr> <td>-L-</td> <td>35+75 - 37+25</td> <td>LT&RT</td> <td>240</td> </tr> <tr> <td>-L-</td> <td>41+75 - 45+75</td> <td>LT&RT</td> <td>550</td> </tr> <tr> <td>-L-</td> <td>47+75 - 52+75</td> <td>LT&RT</td> <td>600</td> </tr> <tr> <td>-L-</td> <td>53+75 - 59+75</td> <td>LT&RT</td> <td>310</td> </tr> <tr> <td>-Y2-</td> <td>10+25 - 12+25</td> <td>LT&RT</td> <td>900</td> </tr> <tr> <td colspan="3">TOTAL</td> <td>2,600</td> </tr> </tbody> </table>					Line	Stations	Offset	Quantity(CY)	-L-	35+75 - 37+25	LT&RT	240	-L-	41+75 - 45+75	LT&RT	550	-L-	47+75 - 52+75	LT&RT	600	-L-	53+75 - 59+75	LT&RT	310	-Y2-	10+25 - 12+25	LT&RT	900	TOTAL			2,600
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<p>Note: Approximate quantities only. Unclassified Excavation, Borrow Excavation, Fine Grading, Clearing and Grubbing, Removal of Existing Asphalt Pavement, and Removal of Existing Concrete Pavement will be paid for at the contract lump sum price for "Grading."</p>																																			

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