5/26/20

STATE OF NORTH CAROLINA, DIVISION OF HIGHWAYS

SUMMARY OF EARTHWORK
IN CUBIC YARDS

LINE	STATION	STATION	UNCLASS. EXCAV.	EMBANK. +%	BORROW	WASTE
-L-	12+30.00	31+70.00	2,179	2,084		95
-Y2-	10+18.03	12+38.00	84	20		64
PROJECT TOTALS			2,263	2,104		159
GRAND TOTALS			2,263	2,104		159
SAY			**2,300**			**170**

NOTES:

ALL EARTHWORK QUANTITIES WERE DERIVED FROM ORD QUANTITIES BY NAMED BOUNDARY REPORTS AS DESCRIBED IN THE ORD TRAINING. THESE EARTHWORK QUANTITIES WERE COMPUTED BY WOOD E&IS AND ARE BASED IN PART ON SUBSURFACE DATA PROVIDED BY THE GEOTECHNICAL ENGINEERING UNIT.

APPROXIMATE QUANTITIES ONLY. CLEARING AND GRUBBING, UNCLASSIFIED EXCAVATION, SHOULDER BORROW, & FINE GRADING WILL BE PAID FOR AT THE LUMP SUM PRICE FOR "GRADING".

PAVEMENT STRUCTURE VOLUME = 2,232 CY
SHOULDER BORROW = 201 CUBIC YARDS

PER GEOTECHNICAL RECOMMENDATIONS DATED AUGUST 19, 2021:

EST. SHALLOW UNDERCUT = 100 CUBIC YARDS
CLASS IV SUBGRADE STABILIZATION = 190 CUBIC YARDS
PER GEOTECH RECOMMENDATION, ESTIMATED 500 CUBIC YARDS OF UNDERCUT TO BE USED IN THE DISCRETION OF THE RESIDENT ENGINEER. NO SIGNIFICANT LOSS OF UNCLASSIFIED EXCAVATION IS NO SIGNIFICANT LOSS OF UNCLASSIFIED EXCAVATION IS ANTICIPATED DUE TO CLEARING AND GRUBBING.

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

STATE OF NORTH CAROLINA

ROADWAY DESIGN UNIT

PREPARED BY

wood.
4021 STIRRUP CREEK DRIVE
DURHAM, NC 27703
NC ENG F-1253