

COMPUTED BY: SGM
CHECKED BY: JLT

DATE: 9/10/2025
DATE: 10/1/2025

PROJECT NO.
18314.1075011

SHEET NO.
3B-1

STATE OF NORTH CAROLINA

SUMMARY OF EARTHWORK

IN CUBIC YARDS

Station	Station	Uncl. Excav.	Embank. +%	Borrow	Waste
SITE 501					
-L501- 11+65.00	-L501- 15+00.00	45	2		43
SITE 501 TOTALS:		45	2		43
SAY		60			
SITE 685					
-RR- 10+75.00	-RR- 12+00.00	24			24
SITE 501 TOTALS:		24			24
SAY		30			
SITE EF1					
-RR- 11+75.00	-RR- 13+50.00	19	2		17
SITE 501 TOTALS:		19	2		17
SAY		25			
GRAND TOTALS:		88	4		84
SAY		115			

Note: Approximate quantities only. Unclassified Excavation, Fine Grading, Clearing and Grubbing, and Removal of Existing Pavement will be paid for at the contract lump sum price for grading.

Note: Earthwork quantities are calculated by TGS Engineers.

SELECT GRANULAR MATERIAL = 75 CUBIC YARDS
EST. UNDERCUT = 75 CUBIC YARDS

PAVEMENT REMOVAL SUMMARY

IN SQUARE YARDS

SURVEY LINE	Station	Station	LOCATION LT/RT/CL	ASPHALT REMOVAL	ASPHALT BREAKUP	CONCRETE REMOVAL	CONCRETE BREAKUP
SITE 501							
-L501-	13+35	15+00	CL	413.28			
SITE 501 TOTAL:				413.28			
SAY				420			
SITE 685							
-RR-	10+75	12+00	LT	109.37			
SITE 685 TOTAL:				109.37			
SAY				110			
PROJECT TOTAL:				522.65			
SAY				530			

GUARDRAIL SUMMARY

IN FEET

LINE	BEG. STA.	END STA.	LOC.	LENGTH			WARRANT POINT		"N" DIST. FROM E.O.L.	TOTAL SHLDR WIDTH	FLARE LENGTH		W		ANCHORS				IMP. ATTEN. TYPE 350			EXTRA LENGTH GUARDRAIL POSTS (8' STEEL) EA	REMOVE EXISTING GUARDRAIL	REMARKS	
				STRAIGHT	SHOP CURVED	DOUBLE FACED	APPR. END	TRAIL. END			APPR. END	TRAIL. END	APPR. END	TRAIL. END	TL-2				EA	G	NG				
SITE EF1																									
-RR-	11+75+/-	13+35+/-	RT	160.00							25'		0.5			1						5	150	USE EXTRA LENGTH GR POST: 11+75 TO 12+00 : 25' @ 6.25 = 4, SAY 5 EA	
SUB-TOTALS				160.00												1									
LESS ANCHOR DEDUCTIONS																									
	TYPE TL-2	1 @ 25.00 ft		25.00																					
ANCHOR TOTALS				25.00																					
GRAND-TOTALS				135.00												1						5	150.0		
SAY				137.50												1						5	150		
ADDITIONAL GUARDRAIL POSTS = 5 EA																									