

SUMMARY OF EARTHWORK  
(IN CUBIC YARDS)

Station	Station	Uncl. Excav.	Embank. +%	Borrow	Waste
-L3- STA. 11+75.00	-L3- STA. 13+50.00	318	66	66	318
PROJECT TOTALS:					
PROJECT TOTALS:		318	66	66	318
Waste in Lieu of Borrow					
Replace Topsoil on Borrow Pit (5%)					
GRAND TOTALS:		318	66	66	318
SAY:		320		70	

PAVEMENT REMOVAL SUMMARY  
IN SQUARE YARDS

SURVEY LINE	Station	Station	LOCATION LT/RT/CL	ASPHALT REMOVAL	ASPHALT BREAKUP	CONCRETE REMOVAL	CONCRETE BREAKUP
-L3-	11+75.00	13+50.00	CL	390			
		TOTAL:		390			
		SAY:		390			

NOTES:

APPROXIMATE QUANTITIES ONLY. UNCLASSIFIED EXCAVATION, BORROW EXCAVATION, FINE GRADING, CLEARING AND GRUBBING, AND REMOVAL OF EXISTING PAVEMENT WILL BE PAID FOR BY THE CONTRACT LUMP SUM PRICE FOR "GRADING".

ALL EARTHWORK QUANTITIES WERE DERIVED FROM ORD QUANTITIES BY NAMED BOUNDARY REPORT(S) AS DESCRIBED IN THE ORD QUICKSTART TRAINING.

COMPUTED BY:	AJM	DATE:	05/2025
CHECKED BY:	JPM	DATE:	05/2025

DIVISION OF HIGHWAYS  
STATE OF NORTH CAROLINA

GUARDRAIL SUMMARY

"N" = DISTANCE FROM EDGE OF LANE TO FACE OF GUARDRAIL  
TOTAL SHOULDER WIDTH = DISTANCE FROM EDGE OF TRAVEL LANE TO SHOULDER BREAK POINT.  
FLARE LENGTH = DISTANCE FROM LAST SECTION OF PARALLEL GUARDRAIL TO END OF GUARDRAIL  
W = TOTAL WIDTH OF FLARE FROM BEGINNING OF TAPER TO END OF GUARDRAIL

G = GATING IMPACT ATTENUATOR TYPE 350  
NG = NON-GATING IMPACT ATTENUATOR TYPE 350

SURVEY LINE	BEG. STA.	END STA.	LOCATION	LENGTH			WARRANT POINT		"N" DIST. FROM E.O.L.	TOTAL SHOUL WIDTH	FLARE LENGTH		W		ANCHORS										IMPACT ATTENUATOR TYPE 350		SINGLE FACED CONCRETE BARRIER	REMOVE EXISTING GUARDRAIL	REMOVE & STOCKPILE EXISTING GUARDRAIL	REMARKS
				STRAIGHT	SHOP CURVED	DOUBLE FACED	APPROACH END	TRAILING END			APPROACH END	TRAILING END	APPROACH END	TRAILING END	XI MOD	XI	GRAU 350	M-350	XIII	CAT-1	VI MOD	BIC	GREU TL-2	G	NG					
-L3-	10+99.95	14+14.95	LT	315'			12+00.00	13+15.00	2'	6'	25'	25'	0.50'	0.50'									2							
			SUBTOTALS:	315.00'																		2								
	LESS ANCHOR DEDUCTIONS:																													
		GREU TL-2	2 @ 25.00'	50.00'																										
	ANCHOR TOTALS:			50.00'																										
	GUARDRAIL TOTALS:			265.00'																										
		SAY:		275'																	2									
	ADDITIONAL GUARDRAIL POSTS			5																										