DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

SUMMARY OF EARTHWORK

Station	Station	Uncl. Excav. (CY)	Embank. +% (CY)	Borrow (CY)	Waste
-L- STA 10+15.00	-L- STA 12+87.41 (Begin Bridge)	96	1300	1204	
-L- STA 13+79.66 (End Bridge)	-L- STA 16+45.00	432	935	503	
PROJE	CT TOTALS:	528	2235	1707	
REPLACE TOP SOI	ON BORROW PIT (5%):			85	
GRAN	D TOTALS:	528	2235	1792	
	SAY:	581		1980	

These earthwork quantities are based in part on subsurface data provided by the Geotechnical Engineering Unit.

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

PAVEMENT REMOVAL SUMMARY

IN SQUARE YARDS

SURVEY LINE	Station	Station	LOCATION LT/RT/CL	ASPHALT REMOVAL	ASPHALT BREAKUP	CONCRETE REMOVAL	CONCRETE BREAKUP
-L-	10+15	13+01	LT/RT	624			
-L-	13+71	16+45	LT/RT	599			
		TOTAL:		1223			
		SAY:		1230			

SHOULDER BERM GUTTER SUMMARY

LINE	Station	Station	LENGTH (LF)			
-L-	12+63.06	12+76.52	13.5			
-L-	13+90.70	14+04.51	13.8			
		TOTAL:	27.3			
		SAY:	28			

 COMPUTED BY:
 AJM
 DATE:
 12/4/19

 CHECKED BY:
 JPM
 DATE:
 12/5/19

DIVISION OF HIGHWAYS STATE OF NORTH CAROLINA

G = GATING IMPACT ATTENUATOR TYPE 350

"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

GUARDRAIL SUMMARY

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

PROJECT REFERENCE NO. SHEET NO.

SURVEY	BEG. STA.	END STA.	LOCATION		LENGTH		WARRANI	POINT	"N" DIST.	TOTAL SHOUL	FLARE L	ENGTH	W					ANCHORS			Additional Guardrail		ATOR 350 FACED	REMOVE EXISTING	REMOVE & STOCKPILE	REMARKS
LINE				STRAIGHT	SHOP CURVED	DOUBLE FACED	APPROACH END	TRAILING END	FROM E.O.L.	'I WIDTH AP	APPROACH END	TRAILING END	APPROACH END	TRAILING END	XI MOD	l I	REU 「L-3	M-350 TYPE III C	VI AT-1 MO	- 1	Posts		GUARDRAIL	EXISTING GUARDRAIL		
-L-	11+37.41	12+87.41	RT	150.00'			11+37.41	Bridge	4.44	7.44	50		1				1	1								
-L-	12+12.41	12+87.41	LT	75.00'			Bridge	12+37.98	4.44	7.44		50		1			1	1								
-L-	13+79.66	14+54.66	RT	75.00'			Bridge	14+88.06	4.44	7.44		50		1			1	1								
-L-	13+79.66	14+54.66	LT	75.00'			14+88.06	Bridge	4.44	7.44	50		1				1	1								
		9	SUBTOTAL:	375.00'													4	4			5					
		Less 4 GREU TL-3	6 @ 50' Each	200.00'																						
		Less 4 Type III @	18.75' Each	75.00'																						
		F	PROJECT TOTALS:	100.00'													4	4			5					

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