COMPUTED BY: SEC	DATE: 7/8/15	
CHECKED BY: DK	DATE: 5/26/2016	

 PROJECT NO.
 SHEET NO.

 B-5380
 3B-1

STATE OF NORTH CAROLINA

"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

SURVEY	RVEY	END OTA			LENGTH		WARRANT POINT		"N" DIST.	TOTAL FLARE LENGTH W							ANCHO	RS			IMPACT ATTENUATOR TYPE 350		SINGLE FACED	REMOVE	REMOVE & STOCKPILE				
SURVEY BEG. S	BEG. STA.	STA. END STA.	END STA.	LOCATION	LOCATION	LOCATION	STRAIGHT	SHOP CURVED	DOUBLE FACED	APPROACH END	TRAILING END	FROM E.O.L.	SHOUL	APPROACH END	TRAILING END	APPROACH END	TRAILING END	XI MOD	GRAU 350 TL2	TYPE III XIII	CAT-1	VI MOD BIC	:	G	NG	CONCRETE BARRIER	EXISTING GUARDRAIL	EXISTING GUARDRAIL	REMARKS
-L-	11+37.54	11+87.54	RT	50				BRIDGE								1	1												
-L-	12+77.81	13+33.61	RT	50			BRIDGE									1	1												
			TOTAL:	100												2	2												
	LES	S ANCHOR UNITS	5																										
	2	2 GRAU 35	0 TL2 @ 25'	50		5	ADDITIONAL GUAF	RDRAIL POSTS																					
	2	2 TYPE II	I @ 18.75'	37.5																									
			GRAND TOTAL:	12.5																									
			SAY:	25																									

SUMMARY OF EARTHWORK

CUBIC YARDS

Station	Station	Uncl. Excav.	Embank. +%	Borrow	Waste	
-L-	-L-					
-L- 11+00.00	-L- 12+04.62	665	2		663	
-L- 12+57.98	-L- 13+65.00	26	26			
SUBTOTALS:		691	29		663	
LOSS DUE TO CLEARING	G AND GRUBBING	-50			-50	
APPLY ROCK SWEL					86	
APPLY EARTH SHE					77	
SUBTOTALS:		641	29		776	
OJECT TOTALS:		641	29		776	
						Note: Approximate quantities only. Unclassified Excavation, Fine Grading, a Clearing and Grubbing will be paid for at the contract lump sum price for gr
PROJECT T	OTALS:	641	29		776	
GRAND TO	TALS:	641	29		776	Note: Earthwork quantities are calculated by the Roadway Design Uni
SAY		700			<u> </u>	earthwork quantities are based in part on subsurface data provided b