COMPUTED BY:	SS	DATE: <u>9/30/2015</u>	
CHECKED BY:		DATE:	

 PROJECT NO.
 SHEET NO.

 B-5171
 3B-1

STATE OF NORTH CAROLINA DIVISION OF HIGHWAYS

*SUMMARY OF EARTHWORK

IN CUBIC YARDS

Station	Station	Uncl. Excav.	Embank. +%	Borrow	Waste	
SUMMARY #1						
-L-BEG						
10+50.00	14+43.13	128	104	0	24	
	(BRIDGE)					
TOTAL SUMMARY #1		128	104	0	24	
SUMMARY #2						
-L- END						
15+80.87	19+50.00	1442	541	0	901	
(BRIDGE)						_
TOTAL SUMMARY #2		1442	541	0	901	
						*Note: Approximate quantities only Fine Creding Cleaning and Crubbin
TOTAL SUMMARY #1 & #	2	1570	645	0	925	*Note: Approximate quantities only. Fine Grading, Clearing and Grubbin will be paid for at the contract lump sum price for grading.
TOTALS		1570	645	0	925	
						Note: Earthwork quantities are calculated by the Roadway Design Unit.
						These earthwork quantities are based in part on subsurface data
GRAND TOTALS		1570		0	925	provided by the Geotechnical Engineering Unit.
		1700		0		

EST. DDE = 22 CY

EST. UNDERCUT = 300 CY SELECT GRANULAR MATERIAL(CONTINGENCY) =300 CY

GEOTEXTILE FOR SOIL STABILIZATION(CONTINGENCY) =300 SY

SHOULDER BERM GUTTER SUMMARY

LINE	Station	Station	LENGTH
-L-	14+19.00	14+24.40	5.4
		TOTAL:	5.4
		SAY:	10

"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 ELAPS EROM REGINNING OF TAPER TO END OF GUARDRAIL

GUARDRAIL SUMMARY

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

END STA. 14+51.16(Bridge) 16+63.90 14+35.10(Bridge) 16+47.84	RT RT LT	STRAIGHT 75 75	SHOP CURVED	DOUBLE FACED	APPROACH END	TRAILING END	"N" DIST. FROM E.O.L.	TOTAL SHOUL AP WIDTH		AF	PPROAC	N			1		ANCHO	RS			ATTENUA	ATOR SIN	NGLE ACED	REMOVE	REMOVE &	
14+51.16(Bridge) 16+63.90 14+35.10(Bridge)	RT RT LT		SHOP CURVED	FACED	END	TRAILING END	FROM	WIDTH			PPROAC									ANCHORS IMPACT ATTENUATO TYPE 350						
16+63.90 14+35.10(Bridge)	RT RT LT	75 75						FROM WIDTH	WIDTH	OM SHOUL APPROAC WIDTH H TRAILIN	END	H END	TRAILING END	MOD	ΧI	GRAU 350	M-350	Ш	CAT-1	VI MOD	BIC		CONCRETE	EXISTING GUARDRAIL	STOCKPILE EXISTING GUARDRAIL	
14+35.10(Bridge)	RT LT	75		1	14+51.16(Bridge)		3.9167	7	50		1				1		1									
	LT					15+88.90(Bridge)	3.9167	7	50			1			1		1									
16,47.94		75				14+35.10(Bridge)	3.9167	7	50			1			1		1									
10+47.64	LT	75			15+72.84(Bridge)		3.9167	7	50		1				1		1									
		300													4		4									
		-200																								
		-75																								
		25																								
		37.5			5 ADDITIONAL GUA	ARDRAII POSTS																				
				25	25	25	25	25	25 S S S S S S S S S S S S S S S S S S S	25	25 S S S S S S S S S S S S S S S S S S S	25	25 S S S S S S S S S S S S S S S S S S S	25	25 25 3 4 5 5 6 6 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	25	25	25	25				25	25 25 3 4 5 5 6 6 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7		