COMPUTED BY: JDD DATE: 1-30-15
CHECKED BY: WCC DATE: 1-30-15

PROJECT REFERENCE NO.	SHEET NO.
17BP.14.R.142	3B-1

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

PAVEMENT REMOVAL SUMMARY

IN SQUARE YARDS					
LINE	LOCATION	ASPHALT REMOVAL	ASPHALT BREAK-UP	CONCRETE REMOVAL	CONCRETE REMOVAL
-L-	11+25 TO 13+36	430			
-L-	13+62 TO 15+00	174			
-L-	TEMPORARY PAVEMENT	121			
	TOTAL	725			
	SAY	725			

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".

SUMMARY OF EARTHWORK

IN CUBIC YARDS

LOCATION	UNCLASSIFIED EXCAVATION	UNDERCUT	EMBT+%	BORROW	WASTE
SUMMARY NO.1					
LT -L- STA. 10+15.00 TO STA. 16+00.00	22		289	267	
SUBTOTAL SUMMARY NO.1	22		289	267	
SUMMARY NO.2					
RT -L- STA. 10+15.00 TO STA. 16+00.00	0		214	214	
SUBTOTAL SUMMARY NO.2	0		214	214	
SUMMARY NO.3					
-DETOUR- STA. 10+00.00 TO STA. 12+75.00	3		115	112	
SUBTOTAL SUMMARY NO.3	3		115	112	
PROJECT SUBTOTAL	25		618	593	
EST. 5% TO REPLACE TOP SOIL ON BORROW PIT				30	
GRAND TOTAL	22			623	
SAY	25			630	

CONTINGENCY ITEMS:
INCIDENTAL STONE = 70 TONS
UNDERCUT EXCAVATION = 50 CY
SELECT GRANULAR MATERIAL = 50 CY
CLASS IV SUBGRADE STABILIZATION = 50 TONS
GEOTEXTILE FOR SOIL STABILIZATION = 50 SY

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".

"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

GUARDRAIL SUMMARY

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 GUARDRAIL	REMOVE EXISTING GUARDRAIL	REMOVE AND 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 TL-2	M-350	TEMP TYPE 350 TL-2	TYPE III SHOP CURVED	B-77	BIC	AT-1	EA	G	NG				
-L-	12+89.20	14+14.20	LT	125'					4'	7'							2													
-L-	12+79.60	14+04.60	RT	125'					4'	7'							2													
			SUBTOTAL	250'													4													
		LESS DEDUCTIONS FOR ANCHORS																												
		GRAU-350 TL-2 4 @ 25'=		-100'																										
			PROJECT TOTALS:	150'													4													
			SAY	150'																										
		ADDITIONAL GUARDRAIL POSTS=5 EA.																												

TEMPORARY GUARDRAIL SUMMARY

-L-	12+85.00	14+15.00	LT	130'													2													
		LESS DEDUCTIONS FOR ANCHORS																												
		GRAU 350 TL-2 2 @ 25'=		-50'																										
			TOTAL:	80'													2													
			SAY	81.25'																										

6/21/00
3/28/2017
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USERNAME=