COMPUTED BY: DDC DATE: 10/14/2014
CHECKED BY: GSD DATE: 2-15-2015

PROJECT NO.	SHEET NO.
44161	3-B

D8CAD221432

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

SUMMARY OF EARTHWORK

Station	Station	Uncl. Excav.	Embank. +%	Borrow	Waste
-L- 16+55	-L-39+60	1091	1737	646	
-L- 39+60	-L- 41+20		5.5	5.5	
(EST. SHOULDER BORROW)					
SUBTOTALS:		1091	1743	652	0
Waste to replace Borrow				0	0
SUBTOTAL				652	
EST. 5% from Borrow Pit				33	
PROJECT TOTALS:		1091		684	
GRAND TOTALS:		1091		684	
SAY:		1100		685	

Approximate quantities only. Unclassified excavation, borrow excavation, shoulder borrow, (Shoulder Reconstruction) fine grading, clearing and grubbing,
breaking of existing pavement and removal of existing pavement

SUMMARY OF EXISTING CONCRETE PAVEMENT REMOVAL

LINE	Station	Station	LOC LT/RT/CL	SF
-L-	23+55	32+15	CL	4780.58
-L-	32+75	32+83	CL	83.91
			TOTAL:	4864.49
			SAY:	4870

"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

LINE	BEG. STA.	END STA.	LOC.	LENGTH			WARRANT POINT		"N" DIST FROM E.O.L.	TOTAL SHLDR WIDTH	FLAIR LENGTH		W		ANCHORS							IMP. ATTEN. TYPE 350			REMOVE EXISTING GRDRAIL		REMARKS
				STRAIGHT	SHOP CURVED	DOUBLE FACED	APPR. END	TRAIL. END			APPR. END	TRAIL. END	APPR. END	TRAIL. END	XI MOD	XI	GRAU 350	M-350	BP-37	CAT-1	VI MOD	EA	G	NG			
-L-	16+55	23+45	LT	690					7	10							1		1						663		
		SUBTOTAL		690																							
DEDUCTIONS		GRAU 350 @ 50' x 1		-50																							
		BP-37 @ 18.75' x 1		-37.5																							
	PROJECT TOTAL			602.5																							
	SAY			612.5													1		1						663		