

8/17/99

COMPUTED BY: RGG	DATE: 1/9/25 REV 5/6/25
CHECKED BY: HLC	DATE: 1/9/25

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

PROJECT REFERENCE NO.	SHEET NO.
17BP.2.C13	3B

NOTE: Invert Elevations are for Bid Purposes only and shall not be used for project construction stakeout.
See "Standard Specifications For Roads and Structures, Section 300-5".

LIST OF PIPES, ENDWALLS, ETC.

STATION	LOCATION (LT, RT, OR CL)	STRUCTURE NO.		TOP ELEVATION	INVERT ELEVATION	INVERT ELEVATION	SLOPE CRITICAL	R.C. PIPE (CLASS III)							PIPE REMOVAL LIN.FT.		ALUMINUM BOX CULVERT
								15"	18"	24"	30"	36"	42"	48"			
-EL- 11+87.57	CL	1			0.00'	0.00'											40' 6"
TOTALS																	40' 6"

SUMMARY OF EARTHWORK
IN CUBIC YARDS

LOCATION	UNCLASSIFIED EXCAVATION		UNDERCUT	EMBT + %	BORROW	WASTE
-EL- 11+56.27 - 12+19.12	414		0	27	5	0
PROJECT TOTAL	414		0	27	5	392
GRAND TOTAL	414		0	27	5	392
SAY	420				10	

PAVEMENT REMOVAL SUMMARY
IN SQUARE YARDS

LINE	STATION - STATION	LOCATION	REMOVAL (SY)
-EL-	11+56.27 - 12+19.12	CL	153.63
TOTAL			153.63
SAY			160

NOTE:

APPROXIMATE QUANTITIES ONLY. CLEARING AND GRUBBING, UNCLASSIFIED EXCAVATION, BORROW EXCAVATION, FINE GRADING AND REMOVAL OF EXISTING PAVEMENT WILL BE PAID FOR AT THE CONTRACT LUMP SUM PRICE FOR "GRADING."

GUARDRAIL SUMMARY

SURVEY LINE	BEG. STA.	END STA.	LOCATION	LENGTH			WARRANT POINT		"N" DIST. FROM E.O.L.	TOTAL SHOULDER WIDTH	FLARE LENGTH		W		ANCHORS										IMPACT ATTENUATOR TYPE 350			25'-0" CLEAR SPAN GUARDRAIL SECTION (EACH)	GUARDRAIL REMOVAL (LF)	ADDITIONAL GUARDRAIL POSTS (EACH)	REMARKS																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
				STRAIGHT	SHOP CURVED	DOUBLE FACED	APPROACH END	TRAILING END			APPROACH END	TRAILING END	APPROACH END	TRAILING END	CAT-1	TL-2																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												

"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

REVISIONS

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