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COMPUTED BY: CGM	DATE: 05/08/2018
CHECKED BY: JBS	DATE: 05/09/2018

PROJECT REFERENCE NO.	SHEET NO.
47333	3B-1

DIVISION OF HIGHWAYS
STATE OF NORTH CAROLINA

SUMMARY OF QUANTITIES

SUMMARY OF EARTHWORK

LOCATION	UNCLASSIFIED EXCAVATION	UNDERCUT	EMBT+%	BORROW	WASTE
SUMMARY NO. 1					
–L– STA. 58+00 TO –L– STA. 60+50	172		12		159
SUBTOTAL SUMMARY NO. 1	172		12		159
SUMMARY NO. 2					
–Y– STA. 10+00 TO –Y– STA. 12+00	79		18		59
SUBTOTAL SUMMARY NO. 2	79		18		59
PROJECT SUBTOTAL	251		30		218
PROJECT TOTAL	251		30		218
GRAND TOTAL	251		30		218
SAY	255				

Approximate quantities only. Unclassified excavation, borrow excavation, fine grading, removal of existing asphalt pavement and clearing and grubbing will be paid for at the contract lump sum price for "grading".

Earthwork quantities are calculated by the Roadway Design Unit. These earthwork quantities are based in part on subsurface data provided by the Geotechnical Engineering Unit.

2'–6" CURB & GUTTER SUMMARY

SURVEY LINE	STATION	STATION	LOCATION	GROSS LENGTH	DEDUCTIONS		NET LENGTH
					DRIVES	OTHERS	
–L– /–Y–	–L– 59+09.49	–Y– 10+78.73	RT	166.38			166.38
						TOTAL:	166.38
						SAY:	170

SUMMARY OF EXISTING ASPHALT PAVEMENT REMOVAL

SURVEY LINE	STATION	STATION	LOCATION LT/RT/CL	YD³
–Y–	10+23.83, 94.64' OFF.	11+60.13, 94.44' OFF.	RT	263.11
–Y–	10+21.41, 78.71' OFF.	10+36.98, 77.88' OFF	LT	43.11
			TOTAL:	306.22
			SAY:	310

"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 SHOULDER WIDTH	FLARE LENGTH		W		ANCHORS								IMPACT ATTENUATOR TYPE 350			SINGLE FACED CONCRETE BARRIER	REMOVE EXISTING GUARDRAIL	REMOVE STOCKPILE EXUSTUBG GUARDRAIL	REMARKS
				STRAIGHT	SHOP CURVED	DOUBLE FACED	APPROACH END	TRAILING END			APPROACH END	TRAILING END	APPROACH END	TRAILING END	XI MOD	XI	GREU TL-3	M-350	XIII	CAT-1	AT-1	VI MOD	III	PERMITTED NO.	PERMITTED G	PERMITTED NG				
–L– /–Y–	–L– 59+06.25	–Y– 11+28.58	RT	128.25	88.34		–L– 59+06.25	–Y– 11+28.58	2	5	N/A	N/A					2													
	LESS ANCHOR DEDUCTIONS																													
	GREU TYPE TL-3 2@50' =			–100.00																										
			TOTAL	28.25	88.34												2													
			SAY	37.5	100												2													

ADD 5 GUARDRAIL POSTS

5/9/06
5/9/2018
J:\Asheville\transportation\31732-01, NC 191 at Banner Farm Road, Henderson Co\Roadway\Proj\47333_rdy_psh_3B-1.dgn
jbeaco (mstefa)