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12/06/07

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STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

BRIDGE #630091

PROJECT REFERENCE NO.	SHEET NO.
B-5947	3B-2

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

WETHERILL ENGINEERING
1223 Jones Franklin Rd.
Raleigh, N.C. 27606
License No. F-0377
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TRANSPORTATION PLANNING/DESIGN - BRIDGE/STRUCTURE DESIGN
CIVIL/SITE DESIGN - GIS/GPS - CONSTRUCTION OBSERVATION

"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

TEMPORARY 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	TEMP. B-77	GREU TL-3	TEMP. AT-1	TEMP. CAT-1	CAT-1	VI MOD	BIC	AT-1	EA	G	NG				
-LREV-	17+98.00	20+25.00	RT.	211.00'	37.5'				VAR.									1	1											SEE TMP-04
-LREV-	20+51.00	22+13.00	RT.	142.00'	37.5'				VAR.							1		1												SEE TMP-04
-LREV-	25+37.00	28+29.00	RT.	292.00'					VAR.							1	1													SEE TMP-05
-LREV-	20+09.00	20+71.00	RT.	62.00'					VAR.																					SEE TMP-04
			PROJECT SUBTOTAL	787.00'	75.0'											2	1	2	1											
		LESS ANCHOR DEDUCTIONS		(-)114.50'																										
			GR PROJECT TOTAL	592.50'	75.0'													GUARDRAIL ANCHOR DEDUCTIONS												
			TEMPORARY GR SAY	600.00'	75.0'													GUARDRAIL ANCHOR DEDUCTIONS												
																		TEMP. TYPE B-77 = 2 @ 22.875' = 45.75'												
																		TEMP. GREU TL-3 = 1 @ 50' = 50'												
																		TEMP. AT-1 = 2 @ 6.25' = 12.50'												
																		TEMP. CAT-1 = 1 @ 6.25' = 6.25'												
																		TOTAL DEDUCTIONS = 114.50'												

5/5/2022
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jlsFlagler13