

COMPUTED BY: EAD DATE: 01-06-05
 CHECKED BY: DWG DATE: 01-12-05

STATE OF NORTH CAROLINA
 DIVISION OF HIGHWAYS

PROJECT REFERENCE NO. R-4404
 SHEET NO. 3-C

"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						CONCRETE BARRIER			WIRE ROPE SAFETY FENCE	REMOVE AND RESET EXISTING GRAU-350	REMOVE EXISTING CABLE GUIDERAIL	REMOVE EXISTING GUARDRAIL	REMARKS
				STRAIGHT	SHOP CURVED	CABLE GUIDERAIL	APPROACH END	TRAILING END			APPROACH END	TRAILING END	APPR END	TRAIL END	GRAU 350	CAT-1	AT-1	M-350	TYPE B-77	TYPE BP III	CABLE ANCHOR (WRSF)	T-XI	M-XII					
SEGMENT F																												
US 64	NEW HOPE RD	ROGERS LANE	LT	250'																							250'	
US 64	ROGERS LANE	NEUSE RIVER	LT	325'																							262.5'	
US 64	ROGERS LANE	NEUSE RIVER	MED RT	56.25'																								
US 64	ROGERS LANE	NEUSE RIVER	MED LT	187.5'																							187.5'	
US 64	ROGERS LANE	NEUSE RIVER	RT	1325'																							1325'	
			SEGMENT F SUB-TOTAL	2143.75'																							2025'	
			LESS DEDUCTIONS FOR ANCHOR UNITS																									
			GRAU-350 3 @ 50' =	-150'																								
			CAT-1 3 @ 6.25' =	-18.75'																								
			M-350 2 @ 37.5' =	-75'																								
			TYPE BP III 4 @ 30' =	-120'																								
			TOTAL SEGMENT F	1780'																							2025'	
			TOTAL SEGMENT A	52,760'																							16325'	
			TOTAL SEGMENT B	317.5'	43.75'																							
			TOTAL SEGMENT C	735'																								
			TOTAL SEGMENT D	5825'	43.75'																						6450'	
			TOTAL SEGMENT E	3123.75'	87.5'																						3437.5'	
			TOTAL SEGMENT F	1780'																							2025'	
			PROJECT TOTAL	64541.25'	175'																						28237.5'	
			SAY	64,550'	187.5'																						28,250'	
			(ADDITIONAL GUARDRAIL POSTS = 40 EA.)																									
			SHOULDER BORROW = 1200 CY (PER FIELD INSPECTION LETTER DATED MARCH 4, 2005)																									

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