COMPUTED BY: J. JOHNSON DATE: 10/2004
CHECKED BY: M. HUSSEY DATE: 12/0604

PROJECT REFERENCE NO.	SHEET NO.
R-4408	3-C

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

"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	M.P.	M.P.	LOCATION	LENGTH			WARRANT POINT		"N" DIST. FROM E.O.L.	TOTAL SHOULDER WIDTH	FLARE LENGTH		W		ANCHORS									IMPACT ATTENUATOR TYPE 350				SHOULDER BERM GUTTER	REMOVE EXISTING GUARDRAIL	REMARKS
				STRAIGHT	SHOP CURVED	DOUBLE FACED	APPROACH END	TRAILING END			APPROACH END	TRAILING END	APPROACH END	TRAILING END	TYPE GRAU-350	TYPE III	TYPE CAT-1	TYPE B-77						NO.	PERMITTED G	PERMITTED NG				
-L-	19.86 +/-	19.81 +/-	RT.																										250.00	REMOVE EXISTING GUARDRAIL & ANCHOR
-L-	19.86 +/-	19.81 +/-	RT.	250.00											1		1													
-L-	19.91 +/-	19.70 +/-	RT.																										140.00	REMOVE EXISTING GUARDRAIL & ANCHOR
-L-	19.74 +/-	19.70 +/-	RT.	320.00											1		1													
-L-	19.56 +/-	19.49 +/-	RT.																										330.00	REMOVE EXISTING GUARDRAIL & ANCHOR
-L-	19.56 +/-	19.39 +/-	RT.	610.00											1		1													
		SUBTOTAL		16,514.50											21	13	15	4										87.75	14,252	
		TOTAL		38,423.30																										
TYPE GRAU-350 (34) @ 50' EACH				-1700.00																										
TYPE III (25) @ 18.75' EACH				-468.75																										
TYPE CAT-1 (28) @ 6.25' EACH				-175.00																										
TYPE B-77 (8) @ 25.00' EACH				-200.00																										
		TOTAL		35,879.55											34	27	29	8										175.5	33,072	
		SAY		35,900.00																								178.00	33,570	

10-JAN-2005 14:16
R:\Roadway\Proj\r4408_rdy_sum.dgn
MRHussey AT OJ

RD195134 Monday January 10 2005 r4408_rdy_sum.m MRHussey rd-04oce34