COMPUTED BY: TGS DATE: 10/7/22
CHECKED BY: GEB DATE: 10/12/22

PROJECT REFERENCE NO.	SHEET NO.
R-5930A	3B-2

Kimley»Horn ©2023
421 FAYETTEVILLE STREET, SUITE 600
RALEIGH, NC 27601

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 GUARDRAIL END UNIT, TYPE TL-3
NG = NON-GATING GUARDRAIL END UNIT, TYPE TL-3

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 TL-3			TERMINAL SECTIONS	REMOVE EXISTING GUARDRAIL	REMOVE AND RESET EXISTING GUARDRAIL	REMARKS
				STRAIGHT	SHOP CURVED	DOUBLE FACED	APPROACH END	TRAILING END			APPROACH END	TRAILING END	APPROACH END	TRAILING END	GREU TL-3	CAT-1	AT-1	EA	G	NG				
-L-	25+75	30+25	RT	500	50				14'	16'												550		
-L-	42+00	45+00	RT	250	75		42+00	44+50	19.5'	21.5'						1	1							
-L-	55+00	57+50	RT	250			56+00	57+25	19.5'	21.5'	50		1		1	1								
-L-	66+50	71+75	RT	525			67+50	70+00	19.5'	21.5'	50		1		1	1								
-L-	67+50	71+00	LT	350			70+00	68+00	19.5'	21.5'	50		1		1	1								
-L-	85+00	86+00	LT	50	50		85+00	85+00	19.5'	21.5'					1		1							
			SUBTOTAL	1925	175										4	4	2					550		
	LESS ANCHOR DEDUCTIONS																							
	GREU TL-3	4 @ 50'	=	200																				
	CAT-1	4 @ 6.25'	=	25																				
	AT-1	2 @ 6.25'	=	12.5																				
			TOTAL	1688	175										4	4	2					550		
			SAY	1700	175										4	4	2					550		

ADDITIONAL GUARDRAIL POSTS = 5 EA

REVISIONS

K:\RAL_Roadway\0110036532 - R-5930 North CPW\Roadway\Proj\R-5930A_rdy_psh_sum.dgn

6/9/2023