8/17/99

COMPUTED BY: DG DATE: 11-2015
CHECKED BY: TG DATE: 11-2015

PLANS PREPARED BY :
PARSONS
RALEIGH, NORTH CAROLINA, (919) 854-1345
NC LICENSE NO. F-0246
FOR NORTH CAROLINA DEPT. OF TRANSPORTATION

PROJECT REFERENCE NO.	SHEET NO.
U-2524D	3B-1
R/W SHEET NO.	

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

GUARDRAIL SUMMARY

"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

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 CONCRETE BARRIER	REMOVE EXISTING GUARDRAIL	REMOVE & STOCKPILE EXISTING GUARDRAIL	REMARKS
				STRAIGHT	SHOP CURVED	DOUBLE FACED	APPROACH END	TRAILING END			APPROACH END	TRAILING END	APPROACH END	TRAILING END	XI MOD	XI	GRAU 350	M-350	XIII	CAT-1	VI MOD	B-77	III	G	NG				
-L-	421+39.21	426+89.21	RT MED	550.00					12	12										1		1							
-L-	421+48.74	446+73.74	LT MED	2525.00					12	12		142.5		8								2							
-L-	426+98.42	446+67.17	RT MED	1968.75					12	12	142.5			8			1					1							
-L-	446+73.42	447+59.42	RT MED						20	20																86			
-L-	446+73.74	447+59.74	LT MED						20	20																86			
-L-/-LREV-	447+54.14	494+04.14	RT MED	4650					12	12		142.5		8								2							
-L-/-LREV-	447+57.50	479+76.25	LT MED	3218.75					12	12	142.5	37.5	8	1				1				1							
-L-/-LREV-	479+93.00	494+05.50	LT MED	1412.5					12	12										1		1							
-LREV-	496+32.70	501+01.45	RT MED	468.75					12	12												1							
-LREV-	496+32.70	501+01.45	LT MED	468.75					12	12												1							
-RPDY4-	5+95.39	0+57.89	LT	537.50					7	17										1		1							
-RPDY4-	5+74.93	5+37.43	RT	37.50					4	12										1		1							
-L-	421+12.26	421+49.76	RT	37.50					14	17										1		1							
-L-	421+73.82	423+05.07	LT	131.25					14	17	112.5		4.75									1							
-RPAY4-	4+53.98	3+22.73	LT	131.25					6	12	112.5		4.75									1			1				
-RPAY4-/-L-	4+39.90	426+73.13	RT/LT						14.5	14.5																499			
-L-	426+73.13	429+66.88	LT	293.75			426+73.23		14	17	50		1				1					1							
-L-	434+58.03	446+83.38	LT	450.00				446+91.01	14	17												2				780			
-L-/-RPBY8-	446+83.80	8+03.52	LT	518.75			5+29.93		14	17	50		1				1					3				3728			
-L-	440+39.64	447+30.89	RT	456.25			443+50.00		14	17	50		1				1					1				238			
-L-	449+50.96	469+28.29	RT	387.50			452+34.65		14	17		50		1			1					3				1614			
-LREV-	489+43.40	494+00.00	RT	156.25			491+00.00		14	17	50		1				1					1				267			
-LREV-	496+32.70	502+56.25	LT	156.25			501+00.00		14	17							1					1				476			
-LREV-	496+32.70	499+50.00	RT	150				498+00.00	13.5	13.5										1		1				164			
-SPCY8-	1+06.76	2+13.01	RT	106.25			1+70.14		4	17	50		1				1			1									
-SPAY8-	0+00.00	0+58.75	RT	50.00				0+08.75	14	17										1		1							
-Y6-	20+05.00	23+86.25	LT	381.25				23+86.27				50		1			1						1						
-Y6-	22+02.72	24+33.97	RT	231.25			24+33.97				50		1				1						1						
-Y6-	26+05.77	28+49.52	LT	243.75			26+05.77				50		1				1						1						
-Y6-	26+53.47	27+47.22	RT	93.75				26+53.47				50		1			1					1							
-LREV-	491+00.00	494+09.20	LT					491+00.00	13.5	13.5																314			
TOTAL				19812.50																									
	LESS ANCHOR	DEDUCTIONS																											
	GRAU-350	12 @ 50.00'	=	600																									
	M-350	1 @ 37.50'	=	37.5																									
	CAT-1	8 @ 6.25'	=	50																									
	B-77	30 @ 18.75'	=	562.5																									
	III	3 @ 18.75'	=	56.25																									
		TOTAL DEDUCTIONS		1306.25																									
TOTAL				18506.25																									
			SAY	**18525**				**Additional Guardrail Posts: 20 EA**									**12**	**1**		**8**		**30**	**3**		**1**	**8252**			
																										8260			
TEMPORARY GUARDRAIL																													
-Y8 DET-	15+25.50	18+78.55	RT	331.25			16+65.41		4	8	50						1			1									
	LESS ANCHOR	DEDUCTIONS																											
	GRAU-350	1 @ 50.00'	=	50																									
	CAT-1	1 @ 6.25'	=	6.25																									
			SAY	**275**													**1**			**1**									

$$$$USERNAME$$$$
10-JUN-2016 (40')
J:\U-2524D_Roadway\Proj\U2524D_RDY_SUM_03B-1.dgn