

COMPUTED BY: CCJ DATE: 10/29/18  
 CHECKED BY: CRG DATE: 10/29/18

PROJECT REFERENCE NO. R-5021 SHEET NO. 3B-2

DIVISION OF HIGHWAYS  
STATE OF NORTH CAROLINA

**TEMPORARY 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 SHOULDER WIDTH	FLARE LENGTH		W		TEMP. ANCHORS					IMPACT ATTENUATOR - MASH, TL-3		SINGLE FACED CONCRETE BARRIER (LF)	REMOVE EXISTING GUARDRAIL (LF)	REMOVE & RESET EXISTING GUARDRAIL (LF)	REMARKS	
				TEMP. STRAIGHT	TEMP. SHOP CURVED	APPROACH END	TRAILING END			APPROACH END	TRAILING END	APPROACH END	TRAILING END	GREU, TL-3	GREU, TL-2	CAT-1	AT-1	B-77	G	NG					
L	59+94.14	64+04.78	LT	343.8'		2+75.00		2.0'																PHASE 2	
L	65+00.00		RT	25.0'	73.0'	+6.25		4.0'																PHASE 1A	
-YE-		12+58.83				+0.00																			
L	64+97.23		LT	25.0'	73.0'	+6.25		2.5'																PHASE 2	
-YE-		11+95.94				+0.00																			
L	12+47.18		LT	25.0'	73.0'	+25.00		6.0'																PHASE 1A	
L		66+38.27				-+18.75																			
-YB-	22+89.38		LT	25.0'	75.0'	+25.00		6.0'																PHASE 2	
L		83+56.38				-+18.75																			
L	82+85.70	85+50.47	LT	268.8'		2+00.00		2.0'																PHASE 2	
L	87+00.00	87+91.36	LT	75.0'	42.0'	+56.25		8.0'																PHASE 2	
L	128+50.00	134+47.43	LT	600.0'		5+00.00		2.0'																PHASE 1A	
L	183+03.30	192+00.00	LT	900.0'		8+00.00		2.0'																PHASE 2	
L	217+38.73	220+12.17	RT	275.0'		2+25.00		3.0'																PHASE 1A	
L	217+29.71	217+79.71	LT	50.0'		+0.00		8.0'																PHASE 2	
L	224+67	225+17.64	LT	50.0'		+0.00		8.0'																PHASE 1A	
L	224+73.00	227+37.76	LT	268.8'		1+68.75		2.0'																PHASE 1A	
L	275+57.00	276+07.00	LT	50.0'		+0.00		6.0'																PHASE 1A	
L	313+28.77		RT	143.8'	109.0'	1+43.75		8.0'	11.0'	12.0'		4.00'												PHASE 1	
-Y11-		10+90.39	LT			+0.00		8.0'	11.0'																
-Y11-	10+79.16		RT	287.5'	42.0'	2+87.50		8.0'	11.0'	14.4'		4.00'	4.00'											PHASE 1	
-L-		319+29.89	RT			-+50.00		8.0'	11.0'															STRONG POST GUARDRAIL	
-L-	315+93.14		LT	200.0'	69.0'	2+00.00		8.0'	9.4'															PHASE 1	
-Y12-		12+70.64	RT			+0.00		8.0'		14.1'		4.00'													
L	315+75.03	316+25.03	LT	50.0'		+0.00		8.0'																	
L	318+80.00	319+30.00	RT	50.0'		+0.00		8.0'																PHASE 1A	
L	329+47.83	330+39.08	RT	75.0'	62.0'	+56.25		8.0'																PHASE 2	
L	366+50	369+17	RT	268.8'		2+18.75		2.0'																PHASE 1A	
L	372+90.60	369+18	LT	50.0'		+0.00		8.0'																PHASE 1A	
L	387+40.97	388+45.40	LT	106.3'		+56.25		4.0'																PHASE 1A	
L	392+74.19	393+24.19	LT	50.0'		+0.00		3.0'																PHASE 1A	
L	366+43.97	366+93.97	LT	50.0'		+0.00		8.0'																PHASE 1A	
SUBTOTAL					4,312.50'	618.00'																			
LESS ANCHOR DEDUCTIONS																									
TEMP. GREU, TL				20 @ 50.00'	=	1000.00'																			
GREU, TL-2				0 @ 25.00'	=	0.00'																			
CAT-1				0 @ 6.25'	=	0.00'																			
AT-1				10 @ 6.25'	=	62.50'																			
B-77				8 @ 22.875'	=	183.00'																			
TOTAL					3,067.00'	618.00'									20	0	0	10	8	0	0				
SAY					3,150.00'	637.50'																			
ADDITIONAL GUARDRAIL POSTS =					25																				

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