COMPUTED BY:	JSC	DATE:	8-25-16
CHECKED BY:	BKS	DATE:	11-3-16

DIVISION OF HIGHWAYS
STATE OF NORTH CAROLINA

PROJECT REFERENCE NO.	SHEET NO.
I-5894	3B-1

"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

GUARDRAIL SUMMARY

G = GATING IMPACT ATTENUATOR TYPE 350
NG = NON-GATING IMPACT ATTENUATOR TYPE 350

SURVEY LINE	BEGIN STATION	END STATION	LANE/LOCATION	LENGTH		WARRANT POINT		"N" DIST. FROM E.O.L.	TOTAL SHOUL WIDTH	FLARE LENGTH		W		ANCHORS						6" BRIDGE RAIL TUBES (EA)	IMPACT ATTENUATOR TYPE 350		W-TR TRANSITION SECTIONS	REMOVE EXISTING GUARDRAIL	REMOVE & RESET EXISTING GUARDRAIL	REMARKS
				STRAIGHT	20" TUBULAR CORRUGATED GUARDRAIL	APPROACH END	TRAILING END			APPROACH END	TRAILING END	APPROACH END	TRAILING END	XI MOD	XI	GRAU 350	M-350	B-77	CAT-1	B-83	(INCIDENTAL)	G	NG				
I-85	13+43	15+57	NB SHOULDER	214.00'												1		1							214.00'		
I-85	45+08	46+33	NB SHOULDER	125.00'												1		1							125.00'		
I-85	46+63	48+26	NB SHOULDER	163.00'														2							163.00'		
I-85	57+22	63+17	NB SHOULDER	595.00'												1			1						595.00'		
I-85	77+30	78+67	NB SHOULDER	137.00'												1		1							137.00'		
I-85	101+35	105+63	NB SHOULDER	428.00'												1				1					428.00'		
I-85	114+24	115+78	NB SHOULDER	154.00'															1	1					154.00'		
I-85	123+93	126+73	NB SHOULDER	280.00'												1			1						280.00'		
I-85	133+42	137+96	NB SHOULDER	454.00'												1		1							454.00'		
I-85	141+40	147+18	NB SHOULDER	578.00'												1			1						578.00'		
I-85	150+40	156+14	NB SHOULDER	574.00'												1			1						574.00'		
I-85	159+27	168+83	NB SHOULDER	956.00'												1			1						956.00'		
I-85	182+78	193+32	NB SHOULDER	1054.00'												1			1						1054.00'		
I-85	214+90	216+27	NB SHOULDER	137.00'												1		1							137.00'		
I-85	222+93	229+07	NB SHOULDER	614.00'												1			1						614.00'		
I-85	244+77	248+77	NB SHOULDER	400.00'												1			1						400.00'		
I-85	265+47	266+57	NB SHOULDER	110.00'												1		1							110.00'		
I-85	291+63	299+23	NB SHOULDER	760.00'												1				1					760.00'		
I-85	15+40	17+15	SB SHOULDER	175.00'												1		1							175.00'		
I-85	46+77	48+02	SB SHOULDER	125.00'														2							125.00'		
I-85	48+50	49+94	SB SHOULDER	144.00'												1		1							144.00'		
I-85	55+69	61+62	SB SHOULDER	593.00'												1			1						593.00'		
I-85	78+28	79+74	SB SHOULDER	146.00'												1									146.00'		
I-85	88+10	91+07	SB SHOULDER	297.00'												1			1						297.00'		
I-85	97+80	105+05	SB SHOULDER	725.00'															1	1					725.00'		
I-85	114+26	116+82	SB SHOULDER	256.00'												1		1		1					256.00'		
I-85	126+50	128+28	SB SHOULDER	178.00'												1			1						178.00'		
I-85	139+15	140+59	SB SHOULDER	144.00'												1									144.00'		
I-85	141+95	148+56	SB SHOULDER	661.00'												1			1						661.00'		
I-85	153+20	155+74	SB SHOULDER	254.00'												1			1						254.00'		
I-85	163+15	168+69	SB SHOULDER	554.00'												1			1						554.00'		
I-85	178+63	182+39	SB SHOULDER	376.00'												1			1						376.00'		
I-85	184+66	189+45	SB SHOULDER	479.00'												1		1	1						479.00'		
I-85	190+34	198+18	SB SHOULDER	784.00'												1			1						784.00'		
I-85	217+23	218+70	SB SHOULDER	147.00'												1		1							147.00'		
I-85	223+51	230+96	SB SHOULDER	745.00'												1			1						745.00'		
I-85	233+66	239+43	SB SHOULDER	577.00'												1			1						577.00'		
I-85	267+48	268+52	SB SHOULDER	104.00'												1		1							104.00'		
I-85	294+18	299+23	SB SHOULDER	505.00'															1	1					505.00'		
			TOTAL	15702.00'																							
		Anchor Deductions																									
	GRAU-350	34 @ 50.00'	=	1700.00'																							
	CAT-1	22 @ 6.25'	=	137.50'																							
	B-77	16 @ 18.75'	=	300.00'																							
	B-83	6 @ 25.00'	=	150.00'																							
TOTAL				13,414.50												34		16	22	6					15,702		
SAY				**13,425**												**34**		**16**	**22**	**6**					**15,702**		

Additional Guardrail Posts = 50 EA