09/08/99

TIP PROJECT: HS-2414J

CONTRACT: DN01102

"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

SWAIN COUNTY
US–19

STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	DN01102	11	22

STATE PROJ. NO.	F. A. PROJ. NO.	DESCRIPTION
50986.3.11	5098610	CONSTRUCTION

GUARDRAIL SUMMARY

ROUTE	STATION NUMBER/ MILE MARKER	EXISTING UNIT	PROPOSED UNIT	LENGTH			LENGTH		DIRECTION	MILE MARKER	FLARE LENGTH		W		TYPE OF END–UNIT									IMPACT ATTENUATOR TYPE 350			EXTRA LENGTH GUARDRAIL POSTS (8')	REMOVE RAIL	REMARKS
				END–UNIT	RAIL ONLY	SHOP CURVED	HEIGHT ADJUST	TRANSITION PL			APPROACH END	TRAILING END	APPROACH END	TRAILING END	MFLEAT: TL–3	MSKT: TL–3	B–83	B–77	AT–1	BIC	·	·	·	NO.	PERMITTED G	PERMITTED NG			
US–19	0+37	STUB	MFLEAT TL–3	39.70	50.00	0	0	0	EASTBOUND	0.37					1													50.00	
US–19	2+41	STUB	MFLEAT TL–3	39.70	50.00	0	0	0	WESTBOUND	2.41					1													50.00	
US–19	7+35	STUB	MFLEAT TL–3	39.70	50.00	0	0	0	WESTBOUND	7.35					1													50.00	
US–19	10+11	STUB	MFLEAT TL–3	39.70	50.00	0	0	0	WESTBOUND	10.11					1													50.00	
US–19	10+32	STUB	MFLEAT TL–3	39.70	50.00	0	0	0	WESTBOUND	10.32					1													50.00	
US–19	10+59	STUB	MFLEAT TL–3	39.70	50.00	0	0	0	WESTBOUND	10.59					1													50.00	
US–19	22+44	STUB	MFLEAT TL–3	39.70	50.00	0	0	0	WESTBOUND	22.44					1													50.00	
US–19	22+53	STUB	MFLEAT TL–3	39.70	50.00	0	0	0	WESTBOUND	22.53					1													50.00	
US–19	22+53	STUB	MFLEAT TL–3	39.70	50.00	0	0	0	EASTBOUND	22.53					1													50.00	
US–19	27+40	STUB	MFLEAT TL–3	39.70	50.00	0	0	0	WESTBOUND	27.40					1													50.00	
US–19	28+87	STUB	MFLEAT TL–3	39.70	50.00	0	0	0	EASTBOUND	28.87					1													50.00	
TOTALS			11		550.00	0									11												25.00	550.00	EXTRA GUARDRAIL POSTS ARE INCLUDED FOR CONTINGENCY