

STATE OF NORTH CAROLINA
 DIVISION OF HIGHWAYS

SUMMARY OF GUARDRAIL

"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 TL-3 OR TL-2
 NG = NON-GATING IMPACT ATTENUATOR TL-3 OR TL-2

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		SINGLE FACED CONCRETE BARRIER	REMOVE EXISTING GUARDRAIL	REMOVE AND STOCKPILE EXISTING GUARDRAIL	REMARKS											
				STRAIGHT	SHOP CURVED	DOUBLE FACED	APPROACH END	TRAILING END			APPROACH END	TRAILING END	APPROACH END	TRAILING END	TYPE III	B-77	GREU, TL-3	GREU, TL-2	CAT-1	AT-1	TYPE III SC	B-77 SC	G	NG															
-L-	43+60.00	44+41.25	LT	81.25			43+60.00		12.5'	14.5'	50																												
-L-	71+52.75	73+46.00	RT	193.25			73+46.00		7'	11'	50																												
-L-	71+64.75	73+46.00	LT	181.25				73+46.00	12.5'	14.5'	50																												
-L-	74+56.00	76+99.75	LT	243.75			74+56.00		12.5'	14.5'	50																												
-L-	74+56.00	77+24.75	RT	268.75				74+56.00	7'	11'	50																												
-L-	80+70.00	92+95.00	RT	1225.00			81+70.00		2.5'	5'	50	50	1	1																									
-L-	89+73.00	92+91.75	LT	318.75				91+90.00	14.5'	16.5'	50																												
-L-	40+89.29	41+04.57	RT																																				
-L-	94+14.32	94+14.67	LVRT																																				
SUBTOTAL				2512.00																																			
LESS ANCHOR DEDUCTIONS																																							
			GREU TL-2	8 @ 50'	=	400.00																																	
			TYPE B-77	1 @ 18.75'	=	18.75																																	
			TYPE III	4 @ 18.75'	=	75.00																																	
			CAT-1	1 @ 6.25'	=	6.25'																																	
TOTAL				2012.00																																			
SAY				2050																																			

ADDITIONAL GUARDRAIL POSTS = 10 EA

SUMMARY OF ASPHALT PAVEMENT REMOVAL

SURVEY LINE	STATION	STATION	LOCATION LT/RT/CL	YD ²
L	27+65	40+96	LVRT	3737.55
LI	14+50	20+11	LVRT	2376.71
Y6-TMP PH. 4	17+20	18+47	LVRT	661.32
Y6-TMP PH. 5	7+73	9+14	LVRT	241.06
TOTAL:				7016.64
SAY:				7020

SUMMARY OF CONCRETE PAVEMENT REMOVAL

SURVEY LINE	STATION	STATION	LOCATION LT/RT/CL	YD ²
GW-L	10+46	16+44	LVRT	621.42
TOTAL:				621.42
SAY:				630

SUMMARY OF SHOULDER BERM GUTTER

SURVEY LINE	STATION	STATION	LOCATION LT/RT/CL	LENGTH LF
L	72+02.25	73+21.83	RT	119.6
L	73+00	73+21.83	LT	21.8
TOTAL (IN LF):				141.4
SAY (IN TONS):				142

RELOCATE WOOD POST FENCE

SURVEY LINE	STATION	STATION	LENGTH LF
L	40+56	41+25	112.72
L	41+76	42+95	125.17
L	43+47	43+61	31.79
TOTAL (IN LF):			269.68
SAY (IN LF):			270

RESET CHAIN LINK FENCE

SURVEY LINE	STATION	STATION	LENGTH LF
L	28+93	29+42	60.00
TOTAL (IN LF):			60.00
SAY (IN LF):			60