

COMPUTED BY: DWG DATE: 8-03-04
 CHECKED BY: EAD DATE: 8-09-04



PROJECT REFERENCE NO. U-2913B SHEET NO. 3-M

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			REMARKS				
				STRAIGHT	SHOP CURVED	DOUBLE FACED	APPROACH END	TRAILING END			APPROACH END	TRAILING END	APPROACH END	TRAILING END	TERM. END	EA	G	NG										
-Y14-	13+52.355	13+86.645	RT.	34.29																								
-Y14-	14+07.000	14+18.430	RT.	11.43																								
			TOTAL	45.72																								
			SAY	53.34																								
ADDITIONAL GUARDRAIL POSTS =				5 EA.																								

1200mm CHAIN LINK FENCE

STATION TO STATION	LOCATION	1200mm FABRIC M	LINE POST	TERMINAL POST
-L- 56+71.000 TO 56+76.000	RT	11	3	3
TOTALS:		11	3	3

TEMPORARY 1800mm CHAIN LINK FENCE

STATION TO STATION	LOCATION	1800mm FABRIC M	LINE POST	TERMINAL POST
-L- 50+28.000 TO 51+30.000	RT	102	28	2
-L- 51+45.000 TO 52+55.000	RT	127	35	5
-Y14- 11+04.000 TO -L- 68+51.000	LT	78	22	4
TOTALS:		307	85	11

METAL HANDRAIL

LINE	STATION TO STATION	LOCATION	LENGTH METERS
-L-	56+76.000	RT	5.000
-L-	57+34.739 TO 57+75.000	RT	40.261
-Y14-	10+46.000 TO 10+71.500	RT	25.500
TOTALS:			70.761
SAY:			75.000

MILLING BIT. PAVEMENT (65mm DEPTH)

LINE	LOCATION	STATION TO STATION	LENGTH	WIDTH	SQUARE METERS
-L-	LT/RT	49+40.000 TO 50+90.000	150.000	8.400	1260.000
-L-	LT/RT	52+75.000 TO 57+45.000	470.000	8.400	3948.000
-L-	LT/RT	58+42.000 TO 60+64.000	222.000	8.400	1864.800
-L-	LT/RT	62+48.000 TO 68+00.000	552.000	8.400	4636.800
-L-	LT/RT	69+80.000 TO 71+83.000	203.000	8.400	1705.200
TOTAL:					13414.800
SAY:					13420.000

REMOVAL OF EXISTING ASPHALT PAVEMENT

LINE	LOCATION	STATION TO STATION	LENGTH OR AREA	WIDTH	SQUARE METERS
-L-	CL	48+32.000 TO 48+58.000	83.500		83.500
-L-	CL	48+68.000 TO 49+59.000	91.000	1.200	109.200
-L-	CL	50+90.000 TO 52+75.000	185.000	8.400	1554.000
-L-	CL	57+45.000 TO 58+42.000	97.000	8.400	814.800
-L-	CL	60+64.000 TO 62+48.000	184.000	8.400	1545.600
-Y6-	CL	10+68.000 TO 10+89.660	20.860	5.100	106.386
-Y7-	CL	10+65.000 TO 10+89.799	255.400		255.400
-Y10A-	CL	10+60.000 TO 10+75.000	15.000	6.100	91.500
-Y10B-	CL	10+55.000 TO 10+75.000	20.000	4.800	96.000
-Y12-	CL	10+39.000 TO 10+95.743	397.490		397.490
-Y13-	CL	10+03.000 TO 10+58.000	363.630		363.630
-Y13A-	CL	10+35.000 TO 10+58.000	225.736		225.736
-Y14A-	CL	10+30.000 TO 10+59.800	297.294		297.294
PER GEOTECHNICAL RECOMMENDATIONS-CONTINGENCY ITEM					500.000
TOTAL:					6440.536
SAY:					6500.000

BREAKUP OF EXISTING ASPHALT PAVEMENT

LINE	LOCATION	STATION TO STATION	SQUARE METERS
-Y4-	CL	10+04.500 TO 10+27.754	218.000
-Y8-	CL	10+05.000 TO 10+17.000	63.000
-Y10A-	CL	10+75.000 TO 10+93.000	142.530
-Y10B-	CL	10+75.000 TO 10+92.300	122.780
TOTAL:			546.310
SAY:			600.000

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 DWG Gardner rd-07oce34