



SUMMARY OF SHOULDER DRAINS

STATE OF NORTH CAROLINA DIVISION OF HIGHWAYS

LINE	STATION TO STATION	LOCATION	100 MM PIPE (m)	SHOULDER DRAINS (m)	OUTLET		OUTLET STRUCTURE	
					100 MM PIPE (m)	STATION	DRAINAGE STRUCT.&NO.	CONCRETE PAD (EA)
-L-	154+80 TO 155+70	OUTSIDE EBL	90	90	1.4	155+70		/
	155+70 TO 156+32		62	62	1.4	156+32		/
	156+32 TO 156+90		58	58	1.4	156+32		/
	156+90 TO 157+80		90	90	1.4	156+90		/
-L-	161+10 TO 162+00	OUTSIDE EBL	90	90	1.4	162+00		/
	162+00 TO 162+61		61	61	1.4	162+61		/
	162+61 TO 163+20		59	59	1.4	162+61		/
	163+20 TO 164+10		90	90	1.4	163+20		/
-L-	169+70 TO 170+60	OUTSIDE EBL	100	100	1.4	170+60		/
	170+60 TO 171+15		55	55	1.4	171+15		/
	171+15 TO 171+80		65	65	1.4	171+15		/
	171+80 TO 172+70		90	90	1.4	171+80		/
-L-	189+30 TO 190+20	OUTSIDE EBL	90	90	1.4	190+20		/
	190+20 TO 190+76		56	56	1.4	190+76		/
	190+76 TO 191+40		64	64	1.4	190+76		/
	191+40 TO 192+30		90	90	1.4	191+40		/
-L-	198+40 TO 199+30	MEDIAN	90	90	4.4	199+30	62	
	199+30 TO 200+05		75	75	4.4	200+05	63	
	200+05 TO 200+80		75	75	4.4	200+05	63	
	200+80 TO 201+70		90	90	4.4	200+80	65	
-L-	217+20 TO 218+10	OUTSIDE EBL	90	90	1.4	218+10		/
	218+10 TO 219+00		90	90	1.4	219+00		/
	219+00 TO 219+51		51	51	1.4	219+51		/
	219+51 TO 220+10		59	59	1.4	219+51		/
-L-	224+10 TO 225+00	OUTSIDE EBL	90	90	1.4	225+00		/
	225+00 TO 225+62		62	62	1.4	225+62		/
	225+62 TO 226+20		58	58	1.4	225+62		/
	226+20 TO 227+10		90	90	1.4	226+20		/
-L-	231+00 TO 231+90	OUTSIDE EBL	90	90	1.4	231+90		/
	231+90 TO 232+54		64	64	1.4	232+54		/
	232+54 TO 233+10		56	56	1.4	232+54		/
	233+10 TO 234+00		90	90	1.4	233+10		/
-L-	154+80 TO 155+70	OUTSIDE WBL	90	90	1.4	155+70		/
	155+70 TO 156+32		62	62	1.4	156+32		/
	156+32 TO 156+90		58	58	1.4	156+32		/
	156+90 TO 157+80		90	90	1.4	156+90		/
-L-	161+10 TO 162+00	OUTSIDE WBL	90	90	1.4	162+00		/
	162+00 TO 162+61		61	61	1.4	162+61		/
	162+61 TO 163+20		59	59	1.4	162+61		/
	163+20 TO 164+10		90	90	1.4	163+20		/
-L-	169+70 TO 170+60	OUTSIDE WBL	100	100	1.4	170+60		/
	170+60 TO 171+15		55	55	1.4	171+15		/
	171+15 TO 171+80		65	65	1.4	171+15		/
-L-	185+30 TO 185+59	OUTSIDE WBL	29	29	1.4	185+59		/
	185+59 TO 186+20		61	61	1.4	185+59		/
	186+20 TO 187+10		90	90	1.4	186+20		/
-L-	189+30 TO 190+20	OUTSIDE EBL	90	90	1.4	190+20		/
	190+20 TO 190+76		56	56	1.4	190+76		/
	190+76 TO 191+40		64	64	1.4	190+76		/
	191+40 TO 192+30		90	90	1.4	191+40		/
-L-	198+50 TO 199+40	OUTSIDE EBL	90	90	1.4	199+40		/
	199+40 TO 200+05		65	65	1.4	200+05		/
	200+05 TO 200+70		65	65	1.4	200+05		/
	200+70 TO 201+60		90	90	1.4	200+70		/
-L-	217+20 TO 218+10	OUTSIDE EBL	90	90	1.4	218+10		/
	218+10 TO 219+00		90	90	1.4	219+00		/
	219+00 TO 219+51		51	51	1.4	219+51		/
	219+51 TO 220+10		59	59	1.4	219+51		/
-L-	224+10 TO 225+00	OUTSIDE EBL	90	90	1.4	225+00		/
	225+00 TO 225+62		62	62	1.4	225+62		/
	225+62 TO 226+20		58	58	1.4	225+62		/
	226+20 TO 227+10		90	90	1.4	226+20		/
-L-	231+00 TO 231+90	OUTSIDE EBL	90	90	1.4	231+90		/
	231+90 TO 232+54		64	64	1.4	232+54		/
	232+54 TO 233+10		56	56	1.4	232+54		/
R-0513 BB PROJECT TOTAL			5020	5020	105.8		63	
R-0513 C PROJECT TOTAL			2715	2715	260		36	
GRAND TOTAL			7735	7735	366		99	

SUMMARY FOR BREAK UP OF EXISTING ASPHALT PAVEMENT

LINE	STATION TO STATION	LOCATION	AREA M ²
-Y5-	10+60.000 - 13+75.000		1705.894
-Y5-	14+50.001 - 17+40.000		1568.727
-Y-	11+00.000 - 15+72.289		2608.291
-Y-	16+34.211 - 18+60.000		1265.898
TOTAL			7148.810
SAY			7150
PROJECT R-0513BB (SAY)			7150
PROJECT R-0513C (SAY)			32,250
GRAND TOTAL			39,400

SUMMARY OF REMOVAL OF EXISTING ASPHALT PAVEMENT

LINE	STATION TO STATION	LOCATION	AREA M ²
-Y5-	9+24.000 - 10+60.000		734.900
-Y5-	13+75.000 - 14+50.001		402.629
-Y5-	17+40.000 - 20+40.000		1601.428
-Y-	10+05.000 - 11+00.000		521.747
-Y-	15+72.289 - 16+34.211		352.174
-Y-	18+60.000 - 19+70.000		599.010
-L-	153+94.000 - 154+00.000	RIGHT	55.858
-L-	153+79.000 - 153+88.000	LEFT	75.839
TOTAL			4,343.585
SAY			4,350
PROJECT R-0513BB (SAY)			4,350
PROJECT R-0513C (SAY)			160,000
GRAND TOTAL			164,350

WOVEN WIRE FENCE SUMMARY FENCING IN LINEAR METERS

LINE	STATION TO STATION	LOCATION	FABRIC	100mm POST	125mm POST
-L-/-SR5-	153+75.195 - 38+08.842	LT.	2,764.948	590	106
-SR5-/-Y5-	38+08.842 - 20+40.002	LT.	250.658	51	16
-Y5-/-L-	20+40.000 - 208+65.000	LT.	3,165.891	683	109
-L-	208+85.000 - 236+20.279	LT.	2,750.015	590	106
-L-/-Y5-	153+89.588 - 9+05.338	RT.	2,685.579	577	97
-Y5-/-L-	9+00.052 - 209+48.705	RT.	3,553.133	762	130
-L-	209+65.567 - 236+21.279	RT.	2,661.477	568	103
TOTAL			17,831.700	3,821	661
SAY			17,840	3,830	670
PROJECT R-0513BB TOTAL (SAY)			17,840	3,830	670
PROJECT R-0513C TOTAL (SAY)			20,300	4,310	760
GRAND TOTAL			38,140	8,140	1,430