COMPUTED BY: MJ DuVal DATE: 04/09/04
CHECKED BY: AC West DATE: 07/2004

6/15/99

PROJECT REFERENCE NO.	SHEET NO.
R-0513BA	3-J

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

SHOULDER DRAIN SUMMARY

SEE SHEET 2 FOR DETAIL

LINE	STATION	LOCATION	SHOULD DRAIN LENGTH (m)	100mm SHOULDER DRAIN PIPE (m)	OUTLET		OUTLET STRUCTURE	
					100mm OUTLET PIPE (m)	STATION	DRAINAGE STRUCTURE NO.	CONCRETE PAD (EA)
-L-	88+50 TO 89+40	OUTSIDE EBL	90	90	1.4	89+40		1
	89+40 TO 90+04		64	64	1.4	90+04		1
	90+04 TO 90+60		56	56	1.4	90+04		1
	90+60 TO 91+50		90	90	1.4	90+60		1
-L-	99+50 TO 100+40	OUTSIDE EBL	90	90	1.4	100+40		1
	100+40 TO 101+00		60	60	1.4	101+00		1
	101+00 TO 101+60		60	60	1.4	101+00		1
	101+60 TO 102+50		90	90	1.4	101+60		1
-L-	118+00 TO 118+90	OUTSIDE EBL	90	90	1.4	118+90		1
	118+90 TO 119+49		59	59	1.4	119+49		1
	119+49 TO 120+10		61	61	1.4	119+49		1
	120+10 TO 121+00		90	90	1.4	120+10		1
-L-	129+10 TO 130+00	OUTSIDE EBL	90	90	1.4	130+00		1
	130+00 TO 130+66		66	66	1.4	130+66		1
	130+66 TO 131+30		64	64	1.4	130+66		1
	131+30 TO 132+20		90	90	1.4	131+30		1
-L-	145+00 TO 146+00	OUTSIDE EBL	100	100	1.4	146+00		1
	146+00 TO 146+71		71	71	1.4	146+71		1
	146+71 TO 147+30		59	59	1.4	146+71		1
	147+30 TO 148+20		90	90	1.4	147+30		1
-L-	88+50 TO 89+40	OUTSIDE WBL	90	90	1.4	89+40		1
	89+40 TO 90+04		64	64	1.4	90+04		1
	90+04 TO 90+60		56	56	1.4	90+04		1
	90+60 TO 91+50		90	90	1.4	90+60		1
-L-	99+50 TO 100+40	OUTSIDE WBL	90	90	1.4	100+40		1
	100+40 TO 101+00		60	60	1.4	101+00		1
	101+00 TO 101+60		60	60	1.4	101+00		1
	101+60 TO 102+50		90	90	1.4	101+60		1
-L-	117+30 TO 118+20	OUTSIDE WBL	90	90	1.4	118+20	88	
	118+20 to 118+90		70	70	1.4	118+90		1
	118+90 TO 119+49		59	59	1.4	119+49		1
	119+49 TO 120+10		61	61	1.4	119+49		1
	120+10 TO 121+00		90	90	1.4	120+10		1
-L-	129+10 TO 130+00		90	90	1.4	130+00		1
	130+00 TO 130+66		66	66	8	130+66	115	
	130+66 to 131+30		64	64	8	130+66	115	
	131+30 TO 132+20		90	90	1.4	131+30		1
-L-	145+00 TO 146+00	OUTSIDE WBL	100	100	1.4	146+00		1
	146+00 TO 146+71		71	71	1.4	146+71		1
	146+71 TO 147+30		59	59	1.4	146+71		1
	147+30 TO 148+20		90	90	1.4	147+30		1
		TOTAL:	3130	3130	70.6			38
		SAY:	3300	3300	75			

SHOULDER BERM GUTTER LOCATION SUMMARY

LINE	LOCATION	BEGINNING STATION	ENDING STATION	LENGTH
-LPC-	LT	10+00.00	10+60.00	60.00
-L-	LT	112+91.02	113+13.57	22.55
-L-	LT	113+93.84	118+48.63	454.79
-L-	RT	114+33.41	116+25.61	192.20
-L-	RT	132+32.79	138+01.90	569.11
-L-	LT	132+84.42	137+90.59	506.17
-L-	LT	138+60.98	144+76.61	615.63
-L-	RT	138+72.22	144+04.96	532.74
-SR2-	RT	11+07.99	14+21.49	313.50
			TOTAL:	3266.69
			SAY:	3300

SUMMARY OF PAVEMENT REMOVAL

LINE	LOCATION	BEGINNING STATION	ENDING STATION	METER
-Y1-	CL	13+60.000	19+60.000	4500
			TOTAL:	4500
			SAY:	4700

DOUBLE FACE CABLE GUIDERAIL SUMMARY

SURVEY LINE	BEGINNING STATION	ENDING STATION	LOCATION	GROSS LENGTH	INTERMEDIATE CABLE GUIDERAIL ANCHOR UNITS (EACH)	TERMINAL CABLE GUIDERAIL ANCHOR UNITS (EACH)	TOTAL CABLE GUIDERAIL ANCHOR UNITS (EACH) (INTERMEDIATE ANCHOR UNITS +2)	DEDUCTIONS FROM TOTAL GUIDERAIL LENGTH(LM) (7.6 M FOR EACH TERMINAL ANCHOR UNIT)	REMARKS
-L-	85+80.00	113+29.74	CL	2749.74	5	2	7	15.2	OFFSET CABLE GUIDERAIL 1.2M FROM CENTER OF MEDIAN DITCH LEFT OR RIGHT(SEE PLANS)
-L-	114+17.19	137+96.81	CL	2379.62	4	2	6	15.2	OFFSET CABLE GUIDERAIL 1.2M FROM CENTER OF MEDIAN DITCH LEFT OR RIGHT(SEE PLANS)
-L-	138+66.00	153+80.00	CL	1514.00	3	2	5	15.2	OFFSET CABLE GUIDERAIL 1.2M FROM CENTER OF MEDIAN DITCH LEFT OR RIGHT(SEE PLANS)
		TOTAL:		6643.36			18	45.6	
		LESS ANCHOR DEDUCTIONS:		-45.6					
		GRAND TOTAL:		6597.76			18		
		SAY:		6650.00			20		

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