



# SHOULDER DRAIN SUMMARY

## STATE OF NORTH CAROLINA DIVISION OF HIGHWAYS

SEE SHEET 2P FOR DETAIL

LINE	STATION	LOCATION	SHOULDR DRAIN LENGTH (m)	100mm SHOULDR DRAIN PIPE (m)	OUTLET		OUTLET STRUCTURE		
					100mm OUTLET PIPE (m)	STATION	DRAINAGE STRUCTURE NO.	CONCRETE PAD (EA)	
-L-	24+20 TO 25+10	OUTSIDE EBL	90	90	1.4	25+10		1	
	25+10 TO 25+70		60	60	1.4	25+10		1	
	25+70 TO 26+60		90	90	1.4	25+70		1	
-L-	34+50 TO 35+40	OUTSIDE EBL	90	90	1.4	35+40		1	
	35+40 TO 36+00		60	60	1.4	36+00		1	
	36+00 TO 36+60		60	60	1.4	36+00		1	
	36+60 TO 37+50		90	90	1.4	36+60		1	
-L-	44+50 TO 45+40	OUTSIDE EBL	90	90	1.4	45+40		1	
	45+40 TO 46+00		60	60	1.4	46+00		1	
	46+00 TO 46+60		60	60	1.4	46+00		1	
	46+60 TO 47+50		90	90	1.4	46+60		1	
-L-	53+30 TO 54+20	OUTSIDE EBL	90	90	1.4	54+20		1	
	54+20 TO 54+79		59	59	1.4	54+79		1	
	54+79 TO 55+40		61	61	1.4	54+79		1	
	55+40 TO 56+30		90	90	1.4	55+40		1	
-L-	65+00 TO 65+90	OUTSIDE EBL	90	90	1.4	65+90		1	
	65+90 TO 66+51		61	61	1.4	66+51		1	
	66+51 TO 67+10		59	59	1.4	66+51		1	
	67+10 TO 68+00		90	90	1.4	67+10		1	
-L-	68+00 TO 68+90	OUTSIDE EBL	90	90	1.4	68+00		1	
	77+00 TO 77+90		90	90	1.4	77+90		1	
	77+90 TO 78+50		60	60	1.4	78+50		1	
	78+50 TO 79+10		60	60	1.4	78+50		1	
-L-	79+10 TO 80+00	OUTSIDE EBL	90	90	1.4	79+10		1	
	23+60 TO 24+50		OUTSIDE WBL	90	90	1.4	24+50		1
	24+50 TO 25+10			60	60	1.4	25+10		1
	25+10 TO 26+00			90	90	1.4	25+10		1
-L-	34+50 TO 35+40	OUTSIDE WBL	90	90	1.4	35+40		1	
	35+40 TO 36+00		60	60	1.4	36+00		1	
	36+00 TO 36+60		60	60	1.4	36+00		1	
	36+60 TO 37+50		90	90	1.4	36+60		1	
-L-	44+50 TO 45+40	OUTSIDE WBL	90	90	1.4	45+40		1	
	45+40 TO 46+00		60	60	1.4	46+00		1	
	46+00 TO 46+60		60	60	1.4	46+00		1	
	46+60 TO 47+50		90	90	1.4	46+60		1	
-L-	50+50 TO 51+40	OUTSIDE WBL	90	90	1.4	51+40		1	
	51+40 TO 52+30		90	90	1.4	52+30		1	
-L-	65+00 to 65+90	OUTSIDE WBL	90	90	1.4	65+90		1	
	65+90 to 66+51		61	61	1.4	66+51		1	
	66+51 to 67+10		59	59	1.4	66+51		1	
	67+10 to 68+00		90	90	1.4	67+10		1	
	68+00 to 68+90		90	90	1.4	68+00		1	
-L-	77+00 to 77+90	OUTSIDE WBL	90	90	1.4	77+90		1	
	77+90 to 78+50		60	60	1.4	78+50		1	
	78+50 to 79+10		60	60	1.4	78+50		1	
	79+10 to 80+00		90	90	1.4	79+10		1	
-L-	53+80 to 54+79	MEDIAN WBL	99	99	1.4	54+79	101		
	54+79 TO 55+80		101	101	1.4	54+79	101		
		TOTAL R-0513A:	3740	3740	67.2			46	
		SAY R-0513A:	3800	3800	75				
		TOTAL R-0513BA:	3130	3130	70.6			38	
		SAY R-0513BA:	3200	3200	75				
		SAY:	7000	7000	150			84	

### BREAKING OF EXISTING ASPHALT PAVEMENT

LINE	LOCATION	BEGINNING STATION	ENDING STATION	AREA (m <sup>2</sup> )
-L-	CL	11+00.000	18+50.692	13985.351
	CL	46+03.000	46+09.000	434.411
-Y1-	CL	11+53.550	15+41.000	3505.592
	CL	16+52.908	22+10.000	6371.827
-Y2-	RT	14+98.110	15+70.444	560.444
	RT	16+25.000	17+02.000	544.455
	CL	17+33.603	21+20.000	2720.406
-Y3-	CL	10+61.329	11+54.507	909.686
-SRI-	RT	15+20.000	13+88.440	3798.156
		TOTAL:		32830.327
		SAY:		33000.000

### REMOVAL OF EXISTING ASPHALT PAVEMENT

LINE	LOCATION	BEGINNING STATION	ENDING STATION	AREA (m <sup>2</sup> )
-L-	LT	46+03.000	46+90.000	65.0357
-Y1-	LT	15+17.376	15+52.958	589.9453
	CL	22+10.000	22+41.000	257.7908
-Y2-	RT	11+56.016	12+78.947	689.612
	RT	14+93.306	14+98.110	42.0512
	RT	15+70.444	16+25.000	384.9321
	CL	17+02.000	17+33.603	218.3988
	CL	21+20.000	21+50.000	208.672
-SRI-	CL	12+60.000	15+20.000	1917.9615
-X1-	CL	23+33.607	24+74.737	1396.0661
-X2-	CL	10+97.554	12+85.370	1176.4322
-X3-	CL	11+89.701	13+03.712	803.856
-TEMPY1-	CL	11+39.000	14+09.000	2169.2202
-SRI-	RT	15+71.234	19+13.474	320.0842
-SRI-	LT	15+71.234	19+13.474	318.3019
		TOTAL R-0513A:		10558.36
		SAY R-0513A:		10600
		TOTAL R-0513BA:		4500
		SAY R-0513BA:		4700
		TOTAL SAY:		15300

21-SEP-2004 09:03:00 C:\WORK\PROJECTS\0513A\sum JPR\letf.mxd AT 10/05/04