\Admin\DataMasters\Excel_sheets\Drainage_Summaries.xls

COMPUTED BY: JLT DATE: 3/10/2004

CHECKED BY: WCP DATE: 9/3/2004

PROJECT NO.	SHEET NO.
B-3694	3-B

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

LIST OF PIPES, ENDWALLS, ETC. (FOR PIPES 48" & UNDER)

STATION	LOCATION (LT, RT, OR CL)'	STRUCTURE NO. FROM	STRUCTURE NO. TO	TOP ELEVATION	INVERT ELEVATION	INVERT ELEVATION	SLOPE CRITICAL	CLASS III R.C. PIPE (UNLESS NOTED OTHERWISE) 12"	15"	18"	24"	30"	36"	42"	48"	BITUMINOUS COATED C.S. PIPE TYPE B (UNLESS NOTED OTHERWISE) 12"	15"	18"	24"	30"	36"	42"	48"	15" SIDE DRAIN PIPE	18" SIDE DRAIN PIPE	24" SIDE DRAIN PIPE	ENDWALLS STD. 838.01 STD. 838.11 OR STD. 838.80 (UNLESS NOTED) CU. YARDS R.C.P.	C.S.P.	QUANTITIES FOR DRAINAGE STRUCTURES *TOTAL L.F. FOR PAY QUANTITY SHALL BE COL. 'A' + (1.3 X COL 'B') PER EACH (0' THRU 5.0')	LIN. FT. A 5.0' THRU 10.0'	B 10.0' AND ABOVE	C.B. STD. 840.01 OR STD. 840.02	FRAME, GRATES, AND HOOD STANDARD 840.03 TYPE OF GRATE E	F	G	M.D.I. TYPE "B" STD. 840.19 OR 840.27	M.D.I. FRAME WITH TWO GRATES STD. 840.22	M.D.I. FRAME WITH TWO (N.S.) FLAT GRATES STD. 840.29	M.D.I. FRAME WITH TWO (N.S.) SAG GRATES STD. 840.24	TRAFFIC BEARING J.B. STD. 840.34	CORR. STEEL ELBOWS NO. & SIZE	CONC. COLLARS CL. "B" C.Y. STD. 840.72	REMARKS
SIZE																																												
THICKNESS OR GAUGE																.064	.064	.064	.064	.079	.079	.109	.109																						
11+20	RT	1		596.8																								1					1										
		1	2		593.8	592.73				28.0																																		
11+48	RT	2		596.5																								1												1			
		2	3		592.73	589.75				384.0																																		
15+26	RT	3		594.15																								1					1		1								
		3	OUT		589.75	589.56				20.0																																		
16+16	LT	4		592.36																								1					1		1								
		4	5		589.6	589.35			20.0																																		
15+98	LT	5		592.44																								1					1		1								
		5	OUT		589.35	581											80.0																											
18+57	LT	6		594.09																								1					1		1								
		6	OUT		591.34	581											72.0																									2 @ 15		
22+85	LT	7		601.5																								1					1			1							
		7	OUT		598.75	597			40.0																																		
25+97	LT	8			EXIST.	614.47					20.0																																0.5526		REMOVE HEADWALL
25+99	RT	9			618.98	EXIST.					16.0																																0.5526		REMOVE HEADWALL
TOTALS									60.0	432.0	36.0						152.0																									2 @ 15	1.1052		

SAY: 1.2

ABBREVIATIONS

C.B.	CATCH BASIN
N.D.I.	NARROW DROP INLET
D.I.	DROP INLET
M.D.I.	MEDIAN DROP INLET
M.D.I.(N.S.)	MEDIAN DROP INLET (NARROW SLOT)
J.B.	JUNCTION BOX
M.H.	MANHOLE
T.B.D.I.	TRAFFIC BEARING DROP INLET
T.B.J.B.	TRAFFIC BEARING JUNCTION BOX