6/20/00

COMPUTED BY: BCF DATE: 05/06/04
CHECKED BY: RER DATE: 05/18/04

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

METRIC

PROJECT REFERENCE NO.	SHEET NO.
B-3256	3-B

LIST OF PIPES, ENDWALLS, ETC. (FOR PIPES 1200 mm & 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) 300	375	450	600	750	900	1050	1200	BITUMINOUS COATED C.S. PIPE TYPE B (UNLESS NOTED OTHERWISE) 300	400	450	600	800	900	1000	1200
THICKNESS OR GAUGE																1.63	1.63	1.63	1.63	2.01	2.01	2.77	2.77
	LT	15	16	——	131.15	130.00				28.8													
-L- 14+32	RT	16		130.99	——	——																	
	CL	16	17	——	130.00	129.96				10.8													
-L- 14+32	LT	17		130.96	——	——																	
	LT	17	18	——	129.96	127.81				45.6													
-L- 14+77	LT	18		128.80	——	——																	
	LT	18	19	——	127.81	126.60				22.8													
-Y5- 10+56	RT	19		127.75	——	——																	
	RT	19	20	——	126.60	125.78					30												
-Y5- 10+26	RT	20		126.93	——	——																	
	RT	20	20A	——	125.78	124.45					8.4												
	RT	19	21	——	126.60	128.43				34.8													
	RT	21	21A	——	128.43	——			1.2														
-Y6- 10+15	RT	21		129.42	——	——																	
	RT	21	22	——	128.43	128.54			8.4														
-Y6- 10+10	RT	22		129.30	——	——																	
				——	128.43	128.61			9.6														
-Y6- 10+21	LT	23		129.53	——	——																	
	LT	23	23A	——	128.61	130.00			7.2														
-L- 15+29.5	LT	24		127.86	——	——																	
	LT	24	24A	——	126.41	126.24						3.6											
-L- 15+29.5	RT	25		——	——	126.84						3.6											
-L- 15+40	RT	26		——	——	——																	
SHEET TOTAL									26.4		38.4												
										142.8		7.2											
GRAND TOTAL									163.2		38.4												
										243.6		7.2					15.6						
SAY																							

STATION	LOC.	FROM	TO	375mm SIDE DRAIN PIPE	450mm SIDE DRAIN PIPE	600mm SIDE DRAIN PIPE	ENDWALLS STD. 838.01 OR STD. 838.11 (UNLESS NOTED OTHERWISE) CU. METERS R.C.P.	C.S.P.	QUANTITIES: STRUCTURES PER EACH (0 THRU 1.50)	FOR DRAINAGE *TOTAL M FOR PAY QUANTITY SHALL BE COL. 'A' + (1.3 X COL. 'B') METERS A 1.50 THRU 3.00	B 3.00 AND ABOVE	C.B. STD. 840.01 OR 840.02	FRAME, GRATES, AND HOOD STD. 840.03 TYPE OF GRATE E	F	G	D.I. STD. 840.14 OR STD. 840.15	D.I. FRAME & GRATE STD. 840.16	M.D.I. TYPE "A" STD. 840.17 OR 840.26	M.D.I. TYPE "B" STD. 840.18 OR 840.27	M.D.I. TYPE "D" STD. 840.19 OR 840.28	M.D.I. FRAME WITH GRATE STD. 840.22	M.D.I. FRAME WITH TWO GRATES STD. 840.22	M.D.I. (N.S.) FRAME WITH GRATE STD. 840.29	M.D.I. (N.S.) FRAME WITH TWO GRATES STD. 840.29	J.B. STD. 840.31 OR 840.32	M.H. FRAME & COVER STD. 840.54	T.B.D.I. FRAME WITH GRATE STD. 840.37	T.B.D.I. FRAME WITH TWO GRATES STD. 840.37	T.B.D.I. SEE DETAIL SHEET 2-H	T.B.D.I. STD. 840.35	CORR. STEEL ELBOW NO. & SIZE	CONC. COLLARS, CL. "B" m^3 STD. 840.72	CONC. & BRICK PIPE PLUG m^3 STD. 840.71	PIPE REMOVAL (meters)	REMARKS
	LT	15	16																																
-L- 14+32	RT	16							1			1		1																				34	REMOVE 375mm CONC
	CL	16	17																																
-L- 14+32	LT	17							1			1			1																				
	LT	17	18																																
-L- 14+77	LT	18							1			1			1																				
	LT	18	19																																
-Y5- 10+56	RT	19							1			1			1																				
	RT	19	20																																
-Y5- 10+26	RT	20							1			1			1																				
	RT	20	20A																																
	RT	19	21																															13	REMOVE 450mm CONC
	RT	21	21A																													0.29			CONC. COLLAR 375 PIPE
-Y6- 10+15	RT	21							1																		1	1	1						
	RT	21	22																																
-Y6- 10+10	RT	22							1							1	1																	10	REMOVE 375mm CONC
																																		13	REMOVE 450mm CONC
-Y6- 10+21	LT	23							1			1		1																					
	LT	23	23A																																
-L- 15+29.5	LT	24							1			1			1																				
	LT	24	24A																																
-L- 15+29.5	RT	25																														0.48			CONC. COLLAR 750 PIPE
-L- 15+40	RT	26			6.0																														
SHEET TOTAL					6.0				9			7		2		1											1		1					70	
															5		1											1							
GRAND TOTAL					6.0				26		0.37		4		10									1			1		1		2@400	0.77		183	
										4.01		20		6		4	4											1		1					
										4.49																									
SAY										5																						1			

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 JUCTION BOX

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