COMPUTED BY: S.P. ASHLEY DATE: 06/06/02
CHECKED BY: JRH DATE: 11/10/03

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

METRIC

PROJECT REFERENCE NO.	SHEET NO.
R-0513A	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	CLASS IV R.C. PIPE 450	750	375mm SIDE DRAIN PIPE	450mm SIDE DRAIN PIPE	600mm SIDE DRAIN PIPE	ENDWALLS STD. 838.01 STD. 838.11 OR STD. 838.80 (UNLESS NOTED OTHERWISE) CU. METERS R.C.P.	C.S.P.
THICKNESS OR GAUGE																1.63	1.63	1.63	1.63	2.01	2.01							
-RPBY1-																												
16+05	CL.	34	35		56.55	56.39				31.2																		
16+08	LT.	35		58.12																								
-SR1-																												
19+55	CL.	35	36		56.39	53.50				36																		
20+43	LT.	37			53.10	53.50				60.8																		
-L-																												
20+65	CL.	38		55.94																								
20+65	RT.	38	39		55.13	54.20			33.6																			
-RPDY1-																												
13+29	CL.	40			52.6	52.5							39.6														2.6	
-SR1-																												
22+50	CL.	41	42		52.89	52.82				25.2																		
22+50	RT.	42		55.32																								
22+50	RT.	42	43		52.82	52.81				12																		
-Y1-																												
20+84	RT.	44			52.72	52.70				12																		
-L-																												
22+69	LT.	45	46		52.70	52.65						37.2																
22+75	CL.	46		55.00																								
22+82	RT.	46	47		52.65	52.60						45.6																
-SR2-																												
16+10	CL.	49			52.65	52.45						22.8																
-Y1-																												
22+77	CL.	50	51		52.75	52.35				82.8																		
-RPAY1-																												
14+10	RT.	51		52.99																								
14+10	LT.	52		53.50																								
14+10	CL.	52	51		52.69	52.35	X		16.8																			
13+93	RT.	51	53		52.35	52.29	X			31.2																		
-LPAY1-																												
11+63	54			54.08																								
11+63	54	55			53.32	52.90			13.2																			
SHEET TOTAL									63.6	291.2		105.6	39.6														2.6	

STATION	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 "D" STD. 840.19 OR 840.28	M.D.I. TYPE "B" STD. 840.18 OR 840.27	M.D.I. TYPE "A" STD. 840.17 OR 840.26	M.D.I. FRAME WITH TWO GRATES STD. 840.22	M.D.I. FRAME WITH GRATE STD. 840.22	M.D.I. (N.S.) FRAME WITH TWO GRATES STD. 840.24	M.D.I. (N.S.) FRAME WITH TWO GRATES STD. 840.29	M.D.I. FRAME WITH TWO GRATES STD. 840.20	T.B.D.I. STD. 840.35	T.B.D.I. FRAME WITH TWO GRATES STD. 840.37	M.H. FRAME & COVER STD. 840.54	J.B. STD. 840.31 OR 840.32	T.B.J.B. STD. 840.34	REMOVE EXISTING DI	375mm PARALLEL PIPE END SECTION	450mm PARELLEL PIPE END SECTION	CORR. STEEL ELBOW NO. & SIZE	PREFORMED SCOUR HOLE	CONC. COLLARS, CL. "B" CM STD.840.72	CONC. & BRICK PIPE PLUG m3 STD.840.71	PIPE REMOVAL	REMARKS
-RPBY1-																															
16+05																															
16+08	1	.23									1		1																		
-SR1-																															
19+55																															
20+43																															
-L-																															
20+65	1										1		1																		
20+65																															
-RPDY1-																															
13+29																															
-SR1-																															
22+50																															
22+50	1	1.0									1		1																		
22+50																												.33			RETAIN EX 450 PIPE
-Y1-																															
20+84																												.33			
-L-																															
22+69																															
22+75	1	.85									1		1																		
22+82																															
-SR2-																															
16+10																															
-Y1-																															
22+77																															
-RPAY1-																															
14+10	1									1			1																		
14+10	1										1		1																		
14+10																															
13+93																															
-LPAY1-																															
11+63	1			1		1																									
11+63																															
SHEET TOTAL	7	2.08		1		1				1	5		6															.66			

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

6/20/00

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