COMPUTED BY: BAM DATE: 07/01/04
CHECKED BY: DATE:

6/20/00

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

METRIC

PROJECT REFERENCE NO.	SHEET NO.
R-2562D	3-M

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 (1.63)	400 (1.63)	450 (1.63)	600 (1.63)	800 (2.01)	900 (2.01)	1000 (2.77)	1200 (2.77)	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.	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. 840.24	M.D.I. (N.S.) FRAME WITH TWO GRATES STD. 840.24	J.B. STD. 840.31 OR 840.32	T.B.J.B. STD. 840.34	T.B.D.I. STD. 840.35	STEEL FRAME & GRATE STD. 840.37	FRAME WITH GRATE, STD. 840.29	M.H. FRAME & COVER STD. 840.54	M.D.I. TYPE "D" SPECIAL (SEE SHEET 2-J)	M.D.I. TYPE "B" SPECIAL (SEE SHEET 2-K)	CONCRETE APRON FOR D.I., STD. 852.05	ADJUSTMENT OF CATCH BASINS	PIPE CLEANOUT (meters)	CORR. STEEL ELBOW NO. & SIZE	FLOWABLE FILL (cubic meters)	CONC. COLLARS, CL. "B" m³ STD.840.72	CONC. & BRICK PIPE PLUG m³ STD.840.71	PIPE REMOVAL (meters)	REMARKS
L3 30+40	LT	215		41.291	40.453																								1										1					1																	
	RT	215	216		40.453	40.167	Y		40.8																																																				
L3 30+80	RT	216		41.415	40.167																								1										1					1																	
	LT	217	216		40.263	40.167	Y		25.2																																																				
L3 30+80	LT	217		40.847	40.263																								1											1				1																	
	LT	218	217		40.557	40.338		22.8																																																					
L3 31+03	LT	218		41.065	40.557																								1											1				1																4.9	
L3 30+80	RT	216	216A		40.167	38.550			24.0																																																				
	RT	219	216		41.425	40.167	Y		110.4																																																				
L3 31+90	RT	219		42.433	41.425																								1										1					1																	
	LT	220	219		41.485	41.425	Y		22.8																																																				
L3 31+90	LT	220		42.069	41.485																								1											1				1																	
L3 34+03	CL	221		42.357	41.482																								1										1					1																	
	LT	222	221		41.561	41.482	Y		22.8																																																				
L3 33+95	LT	222		42.145	41.561																								1											1				1																	
	RT	223	221		41.542	41.482	Y		21.6																																																				
L3 34+03	RT	223		42.126	41.542																								1											1				1																	
	CL	221	224		41.495	41.283	Y		57.6																																																				
L3 34+60	CL	224		42.063	41.208																								1											1				1																	
	LT	225	224		41.387	41.283	Y		21.6																																																				
L3 34+60	LT	225		41.971	41.387																								1											1				1																	
	RT	226	224		41.268	41.208	Y		21.6																																																				
L3 34+60	RT	226		41.852	41.268																								1											1				1																	
	RT	224	227		41.208	40.810	Y			108																																																			
L4 35+68	RT	227		41.551	40.810																								1											1				1																	
	RT	227	228		40.810	40.454	Y			72																																																			
L4 36+41	RT	228		41.147	40.454																								1											1				1																	
	RT	228	229		40.454	39.466	Y			136.8																																																			
L4 37+79	RT	229		40.394	39.166																								1															1								1									
L5 37+76	RT	229A	229		39.262	39.166	Y				27.6																																																		
L4 37+80	LT	229B	229		39.262	39.166	Y			28.8																																																			
	RT	229	230		39.166	38.758						139.2																																																	
L4 39+18	RT	230		39.779	38.758																								1															1							1									27.5	
	RT	230	231		38.758	38.569	Y					81.6																																																	
L4 40+00	RT	231		39.603	38.569																								1															1							1										
L4 40+00	LT	231	232		38.569	38.488						28.8																																																	
L4 34+98	LT	226A																						6.0																																					
L5 40+80	RT	233			38.403							3.6																																														.48			
LREV 34+80	RT																																																											5	
SHEET TOTAL								22.8		345.6		253.2												6.0					17										4	10				17							2	1							0.48			
									368.4		27.6																																																	37.4	
PROJECT TOTAL								69.6	3130.8	2229.6	1088.4	708.0	228.0											146.4	45.6	4.8			198	11.55		102	12	51	40	21	21	4	18	35				60		9	5		5	9	3	1	5	3	12		122.8	2.85	1.41	1314.2	
SAY																														12.0																9	5		5	9	3	1	5		12		150.0	3.0	2.0	1320.0	

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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BMay AT WETHERIL-B0B