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

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

METRIC

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

LIST OF PIPES, ENDWALLS, ETC. (FOR PIPES 1200 mm & UNDER)

STATION / SIZE / THICKNESS OR GAUGE	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	
																1.63	1.63	1.63	1.63		2.01		2.01		2.77		2.77	
		93	92		41.349	41.037	Y				38.4																	
LREV 31+72	LT	93		42.945	41.349																							
Y8 10+41	RT	93A	93		41.900	41.499				15.6																		
		94	93		41.388	41.349	Y				16.8																	
LREV 31+75	RT	94		43.056	41.388																							
Y8 10+87	RT	94A	94		42.100	41.538				15.6																		
		95	93		41.931	41.499	Y			30																		
LREV 32+02	LT	95		43.127	41.931																							
Y8 10+41	LT	95G	95		41.979	41.931				15.6																		
LREV 32+02	RT	95A		43.254	41.622																							
		95B	95A		42.042	41.622	Y			3.6																		
LREV 32+02	RT	95B		43.127	42.042																							
Y8 10+87	LT	95F	95B		42.090	42.042	Y			15.6																		
LREV 32+15	RT	95D		43.382	42.042																							
LREV 32+18	RT	95E			42.500	42.311				2.4																		
Y8 10+80	CL	95C																										
		97	95		42.632	41.931	Y			69.6																		
LREV 32+72	LT	97		43.817	42.632																							
LREV 32+73	LT	96	97		42.842	42.782		3.6																				
LREV 32+73	LT	97C	97		42.320	42.707			3.6																			
LREV 32+81	RT	97A		43.905	42.990																							
LREV 32+81	RT	97A	97B		42.990	42.499			3.6																			
		98	97		43.639	42.707	Y		82.8																			
LREV 33+55	LT	98		44.555	43.639																							
		99	98		43.711	43.639			24.0																			
LREV 33+55	RT	99		44.627	43.711																							
		100	98		44.083	43.639			69.6																			
LREV 34+25	LT	100		44.998	44.083																							
		101	100		44.155	44.083			24.0																			
LREV 34+25	RT	101		45.070	44.155																							
		102	101		44.242	44.155	Y	4.8																				
LREV 34+25	RT	102		44.750	44.242																							
SHEET TOTAL								8.4		168.0																		
									207.6		55.2																	

STATION / SIZE / THICKNESS OR GAUGE	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)	METERS (FOR DRAINAGE "TOTAL M" FOR PAY QUANTITY SHALL BE COL. "A" + 1.3 X COL. "B") 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" m^3 STD.840.72	CONC. & BRICK PIPE PLUG m^3 STD.840.71	PIPE REMOVAL (meters)	REMARKS
LREV 31+72						1	.10															1				1												
Y8 10+41																																						
LREV 31+75						1	.17															1				1												13.6
Y8 10+87																																						10.9
LREV 32+02						1			1		1																											
Y8 10+41																																						
LREV 32+02						1	.28															1				1												
LREV 32+02						1			1			1																										
Y8 10+87																																						
LREV 32+15						1																1				1							1					
LREV 32+18																																	1			.33		
Y8 10+80																																1.2		.03				
LREV 32+72						1			1		1																											97.8
LREV 32+73																																						
LREV 32+73																																				.29		5
LREV 32+81						1			1			1																										
LREV 32+81																																	1			.29		
LREV 33+55						1			1		1																											80.6
LREV 33+55						1			1			1																										
LREV 34+25						1			1		1																											50.8
LREV 34+25						1			1			1																										
LREV 34+25						1							1		1																							
SHEET TOTAL						13			8		4	4				1		1				4			4							3		1.2		0.03		
							0.55																												0.91		258.7	

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

6/29/00
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11-OCT-2004 13:46
AP:dgsm
AT: ETANN2