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

6/20/00

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

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

METRIC

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
L1REV 52+48	LT	182		44.424	43.840										
		182	183		43.840	43.636			40.8						
L2REV 52+80	LT	183		44.220	43.636										
L2REV 52+91	LT	183A													
L1REV 53+20	RT	183B													
L2REV 53+40	LT	183C													
		183	184		43.636	43.543	Y		39.6						
L2REV 53+20	LT	184		44.220	43.543										
		184	185		43.543	43.259	Y		62.4						
L1REV 53+92	LT	185		44.163	43.184										
		186	185		43.316	43.259	Y		20.4						
L2REV 53+82	LT	186		43.900	43.316										
		185	187		43.184	42.965	Y			75.6					
L2REV 54+57	RT	187		43.813	42.965										
		187	188		42.965	42.503				80.4					
L2REV 55+37	RT	188		43.398	42.428										
		189	188		42.566	42.503	Y		21.6						
L2REV 55+37	LT	189		43.150	42.566										
		190	189		42.879	42.566			34.8						
L2REV 55+02	LT	190		43.463	42.879										
		191	190		42.986	42.879			19.2						
L2REV 54+82	LT	191		43.570	42.986										
		192	191		43.086	42.986			18						
L2REV 54+64	LT	192		43.670	43.086										
		188	193		42.428	41.311	Y			90					
L3 19+50	CL	193		42.829	41.161										
		194	193		41.966	41.311	Y		21.6						
L3 19+50	LT	194		42.550	41.966										
L3 19+37	RT	193A	193		41.407	41.311	Y			30.0					
		193	195		41.161	40.866						80.4			
L3 20+30	CL	195		42.314	40.411										
L3 20+30	LT	195	195C		40.411	40.339						25.2			
		196	195		40.798	40.411	Y				129.6				
L3 21+60	CL	196		41.732	40.798										
L3 21+60	RT	196A	196		40.885	40.798	Y			24.0					
		197	196		41.962	41.023	Y		99.6						
L3 22+60	CL	197		42.546	41.962										
		198	197		42.186	41.962			45.6						
L3 23+05	CL	198		42.770	42.186										
L3 20+78	LT	195A													
L3 21+20	LT	195B													
SHEET TOTAL									423.6		129.6				
										300.0		105.6			

STATION	FROM	TO	BITUMINOUS COATED C.S. PIPE TYPE B (UNLESS NOTED OTHERWISE) 300	400	450	600	800	900	1000	1200	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	
THICKNESS OR GAUGE			1.63	1.63	1.63	1.63	2.01	2.01	2.77	2.77													
L1REV 52+48	182															1							
	182	183																					
L2REV 52+80	183															1							
L2REV 52+91	183A										8.4												
L1REV 53+20	183B										7.2												
L2REV 53+40	183C										6												
	183	184																					
L2REV 53+20	184															1							
	184	185																					
L1REV 53+92	185															1							
	186	185																					
L2REV 53+82	186															1							
	185	187																					
L2REV 54+57	187															1							
	187	188																					
L2REV 55+37	188															1							
	189	188																					
L2REV 55+37	189															1							
	190	189																					
L2REV 55+02	190															1							
	191	190																					
L2REV 54+82	191															1							
	192	191																					
L2REV 54+64	192															1							
	188	193																					
L3 19+50	193															1	.17						
	194	193																					
L3 19+50	194															1							
L3 19+37	193A	193																					
	193	195																					
L3 20+30	195															1	.4						
L3 20+30	195	195C																					
	196	195																					
L3 21+60	196															1							
L3 21+60	196A	196																					
	197	196																					
L3 22+60	197															1							
	198	197																					
L3 23+05	198															1							
L3 20+78	195A																						
L3 21+20	195B											7.2											
SHEET TOTAL											21.6					17							
												7.2					0.57						

STATION	FROM	TO	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
L1REV 52+48	182						1				1																				
	182	183																													
L2REV 52+80	183						1				1																			7.2	
L2REV 52+91	183A																													7.5	
L1REV 53+20	183B																														
L2REV 53+40	183C																													9.2	
	183	184																													
L2REV 53+20	184						1				1																				
	184	185																													
L1REV 53+92	185					1					1																				
	186	185																													
L2REV 53+82	186						1				1																			6.8	
	185	187																													
L2REV 54+57	187						1				1																				
	187	188																													
L2REV 55+37	188					1					1																			5.9	
	189	188																													
L2REV 55+37	189						1				1																				
	190	189																													
L2REV 55+02	190						1				1																			7.7	
	191	190																													
L2REV 54+82	191						1				1																			5.5	
	192	191																													
L2REV 54+64	192						1				1																			6.8	
	188	193																													
L3 19+50	193				1						1																			6	
	194	193																													
L3 19+50	194						1				1																			6	
L3 19+37	193A	193																													
	193	195																													
L3 20+30	195				1						1																			8.8	
L3 20+30	195	195C																													
	196	195																													
L3 21+60	196										1							1													
L3 21+60	196A	196																													
	197	196																													
L3 22+60	197						1				1																				
	198	197																													
L3 23+05	198						1				1																				
L3 20+78	195A																										5		.08		
L3 21+20	195B																													12.5	
SHEET TOTAL					2	2	12				17							1									5.0		0.08		
																														89.9	

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

11-OCT-2004 13:17
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APridgen AT ERINH2