COMPUTED BY: A PRIDGEN DATE: 08.22.03
CHECKED BY: DATE:

PROJECT REFERENCE NO.: R-2417BB | SHEET NO.: 3-E

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

LIST OF PIPES, ENDWALLS, ETC. (FOR PIPES 48" & UNDER)

STATION / SIZE	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) 12"	15"	18"	24"	30"	36"	42"	CLASS IV R.C. PIPE (W/METHOD B INSTALLATION) 15"	18"	24"	30"	36"	42"	48"
		91	94		447.20	442.40				376											
-L- 574+73	CL	94		445.4	441.90																
		95	94		444.97	442.40			68												
-L- 574+73	LT	95		447.72	444.97																
		94	96		441.90	441.55					80										
-L- 574+73	RT	96		447.45	441.55																
-L- 576+03	RT	96	97		441.55	413.00															
-L- 573+72	CL	98			412.50	408.80														388	
-LPB- 9+00	RT	99		441.28	438.11																
		99	100		438.11	434.71			100												
-LPB- 10+00	RT	100		437.88	434.71																
-LPB- 10+00	RT	100	101		434.71	420.00															
-LPB- 11+38	CL	102			422.30	418.90							172								
-RPB- 21+00	RT	103		435.15	432.40																
		103	104		432.40	429.95			172												
-RPB- 22+70	RT	104		432.70	429.95																
		104	105		429.95	429.08			44												
-LPB- 12+62	RT	105		432.25	429.08																
		106	105		429.48	429.08			72												
-LPB- 11+92	RT	106		432.65	429.48																
-LPB- 12+62	RT	105	107		429.08	420.00															
-Y3- 27+00	LT	109	108		428.40	424.00			132												
-Y3- 27+00	RT	109		432.80	428.40																
		110	109		428.75	428.40			100												
-Y3- 28+00	RT	110		431.50	428.75																
-Y3- 31+00	RT	111		430.50	427.75																
		111	112		427.75	426.35			100												
-Y3- 32+00	RT	112		430.60	425.60																
-Y3- 32+15	LT	112	113		425.60	420.00					176										
		114	112		430.75	426.10				432											
-Y3- 36+30	RT	114		433.50	430.75																
		120	114		435.75	430.75			272												
-Y3- 39+00	RT	120		438.50	435.75																
				SHEET TOTAL					1060	808	256		172							388	

STATION	FROM	TO	BITUMINOUS COATED C.S. PIPE TYPE B (UNLESS NOTED OTHRWISE) 12" .064	15" .064	18" .064	24" .064	30" (0.079" THICK) .079	15" SIDE DRAIN PIPE	18" SIDE DRAIN PIPE	24" SIDE DRAIN PIPE	ENDWALLS STD. 838.01, STD. 838.11 OR STD. 838.80 (UNLESS NOTED OTHERWISE) CU. YDS. R.C.P.	C.S.P.	QUANTITIES FOR DRAINAGE STRUCTURES PER EACH (0' THRU 5.0')	* TOTAL L.F. FOR PAY QUANTITY SHALL BE COL. 'A' + (1.3 X COL.'B') LIN. *FT. A 5.0' THRU 10.0'	B 10.0' AND ABOVE	C.B. STD. 840.01 OR STD. 840.02	FRAME, GRATES AND HOOD STANDARD 840.03 TYPE OF GRATE E	F	G
-L- 574+73	94												1						
-L- 574+73	95												1						
-L- 574+73	96												1	0.9					
-L- 576+03	96	97				132													
-L- 573+72	98										4.5								
-LPB- 9+00	99												1			1		1	
-LPB- 10+00	100												1			1		1	
-LPB- 10+00	100	101		88															
-LPB- 11+38	102										3.4								
-RPB- 21+00	103												1						
-RPB- 22+70	104												1						
-LPB- 12+62	105												1			1	1		
-LPB- 11+92	106												1			1		1	
-LPB- 12+62	105	107		68															
-Y3- 27+00	109												1						
-Y3- 28+00	110												1						
-Y3- 31+00	111												1						
-Y3- 32+00	112												1						
-Y3- 36+30	114												1						
-Y3- 39+00	120												1						
SHEET TOTAL				156		132					7.9		15	0.9		4	1	3	

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 TWO GRATES STD. 840.22	M.D.I. (N.S.) FRAME WITH TWO GRATES STD. 840.24	J.B. STD. 840.31 OR 840.32	M.D.I. FRAME WITH TWO GRATES STD. 840.20	6" CS PIPE CULVERT, 0.064" THICK (SPRING BOX)	SPRING BOX STD. 840.41	M.H. FRAME & COVER STD. 840.54	TEMP 15' SIDE DRAIN	TEMP. 15" RCP	36" CLASS V R.C. PIPE (W/METHOD B INSTALLATION)	MODIFIED CONCRETE FLUME	CONCRETE APRON FOR CATCH BASIN	CONCRETE APRON FOR DROP INLETS	CORR. STEEL ELBOWS NO. & SIZE	CONC. COLLARS CL. "B" C.Y. STD 840.72	FLOWABLE FILL MATERIAL, CY	PIPE REMOVAL LIN.FT.
-L- 574+73	94					1		1												1				
-L- 574+73	95					1					1									1				
-L- 574+73	96					1					1									1				
-L- 576+03	96	97																			2@24"			
-LPB- 9+00	99																		1					
-LPB- 10+00	100																		1					
-LPB- 10+00	100	101																			2@15"			
-RPB- 21+00	103					1					1									1				
-RPB- 22+70	104					1					1									1				
-LPB- 12+62	105																		1					
-LPB- 11+92	106																		1					
-LPB- 12+62	105	107																			2@15"			
-Y3- 27+00	109	108																						24
-Y3- 27+00	109				1			1												1				28
-Y3- 28+00	110					1		1												1				
-Y3- 31+00	111					1		1												1				
-Y3- 32+00	112					1		1												1				44
-Y3- 36+30	114					1		1												1				
-Y3- 39+00	120					1		1												1				
SHEET TOTAL					1	10		7			4								4	11	4@15" 2@24"			96

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

REMARKS

6/20/00

13-SEP-2004 09:06
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APridgen AT ERIN#2