CARYLTBURNS

COMPUTED BY: SUNGATE DESIGN GROUP DATE: 8/1/2017

CHECKED BY: MICHAEL BAKER ENGINEERING DATE: 8/14/2017

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

PROJECT NO.	SHEET NO.
R-5703	3D-5

Note: Invert Elevations indicated are for Bid Purposes only and shall not be used for project construction stakeout.
See "Standard Specifications For Roads and Structures, Section 300-5".

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

LINE & STATION	OFFSET	STRUCTURE NUMBER FROM	STRUCTURE NUMBER TO	TOP ELEVATION FT.	INVERT ELEVATION FT.	INVERT ELEVATION FT.	MINIMUM REQUIRED SLOPE %	Side Drain Pipe (RCP, CSP, CAAP, HDPE, or PVC) SIZE 12	15	18	24	30	36	DO NOT USE RCP	DO NOT USE CSP	DO NOT USE CAAP	DO NOT USE HDPE	DO NOT USE PVC
								THICKNESS OR GAUGE										
		1409	1410		56.8	55.9			180							X		
L 211+78	0 CL	1410		58.6														
		1410	1413		55.6	55.5												
L 214+16	60 RT	1411		61.4														
		1411	1419		57.9	57.3	0.8		12							X		
L 214+16	59 LT	1412		61.4														
		1412	1420		57.9	56.9	0.8		12							X		
L 211+78	60 LT	1413		60.3														
		1413	1414		55.0	44.8	2.4											
L 206+15	60 LT	1417		68.5														
		1417	1406		65.1	63.1			12							X		
L 211+78	60 RT	1418		60.3														
		1418	1410		56.8	55.9												
L 214+06	60 RT	1419		61.3														
		1419	1420		56.5	56.2												
L 214+06	59 LT	1420		61.3														
		1420	1413		56.2	55.0					232					X		
L 224+28	59 LT	1501		67.0														
		1501	1503		63.6	62.6												
L 224+28	59 RT	1502		67.0														
		1502	1503		63.6	62.6												
L 224+28	0 CL	1503		65.4														
		1503	1506		62.6	59.5			292							X		
L 226+77	110 LT	1505		60.7														
		1505	1506		60.7	58.7												
L 227+19	0 CL	1506		67.0														
		1506	1507		58.7	58.1												
L 224+38	59 LT	1508		67.1														
		1508	1501		63.6	63.6			12							X		
L 234+49	0 CL	1601	1604		59.6	57.2												
L 235+00	0 CL	1602		71.4														
		1602	1603		68.6	59.8												
L 249+74	0 CL	1701	1702		58.4	53.4												
L 250+03	0 CL	1703		74.4														
		1703	1704		71.7	55.0												
L 256+09	0 CL	1801		72.6														
		1801	1806		69.8	56.5												
L 256+14	0 CL	1802			59.3	56.5												
L 256+59	0 CL	1803			60.5	56.5												
L 260+15	0 CL	1804			64.0	59.1												
L 262+00	0 CL	1805		70.8														
		1805	1807		68.1	65.0												
Y5 15+26	23 LT	1808			63.0	62.0												
Y5 10+62	25 RT	1809			56.0	55.5												
L 267+50	0 CL	1901		69.1														
		1901	1902		66.3	65.9			160							X		
L 269+10	0 CL	1902		68.8														
		1902	1908		65.9	58.0	0.8											
L 274+00	0 CL	1904		76.4														
		1904	1909		73.6	65.0												
				SHEET TOTALS					680		232							

| C. S. PIPE | | | | | | | | R. C. PIPE CLASS III | | | | | | | R. C. PIPE CLASS IV | | | | | | | | R. C. PIPE CLASS V | | | | | | | | ENDWALLS STD. 838.01 OR STD. 838.11 (UNLESS NOTED OTHERWISE) | REINFORCED ENDWALLS | DRAINAGE STRUCTURE | QUANTITIES FOR DRAINAGE STRUCTURES NOTE: TOTAL LIN. FT. FOR PAY QUANTITY SHALL BE A + (1.3 X B) | | | C.B. STD. 840.01 OR STD. 840.02 | FRAME, GRATES, AND HOOD STD. 840.03 | | | CONCRETE TRANSITIONAL SECTION | | OPEN THROAT C.B. STD. 840.04 OR STD. 840.05 | D.I. STD. 840.14 OR STD. 840.15 | D.I. FRAME AND GRATES STD. 840.16 | G.D.I. TYPE "A" STD. 840.17 OR STD. 840.26 | G.D.I. TYPE "B" STD. 840.18 OR STD. 840.27 | G.D.I. TYPE "D" STD. 840.19 OR STD. 840.28 | G.D.I. (W.S. FLAT) FRAME W/ 2 GRATES STD. 840.20 | G.D.I. (W.S. SAG) FRAME W/ 2 GRATES STD. 840.22 | G.D.I. (N.S. SAG) FRAME W/ 2 GRATES STD. 840.24 | J.B. STD. 840.31 OR STD. 840.32 | M.H. FRAME AND COVER STD. 840.54 | ADJUST 2GI | 15" C.S. ELBOW, 0.064" THICK | 18" C.S. ELBOW, 0.064" THICK | 24" C.S. ELBOW, 0.064" THICK | 30" SLUICE GATE | 36" SLUICE GATE | MODIFIED CONC. FLUME | PIPE CLEAN OUT | FLOWABLE FILL | CONCRETE COLLARS CL. "B" STD. 840.72 | PIPE REMOVAL | REMARKS |
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