DJECT REFERENCE NO.	SHEET NO.
R-5861	3 <i>D</i> -7

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION DIVISION OF HIGHWAYS REGIONAL TIER

Note: Invert Elevations indicated are for Information Purposes only and should be verified by the contractor for project construction stakeout.

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

LINE & STATION	OFFSET	STRUCTURE NO.	TOP ELEVATION	INVERT ELEVATION	INVERT ELEVATION	MINIMUM REQUIRED SLOPE			DRAINAGE PIPE (RCP, CSP, CAAP, HDPE, or PVC)							R.C. PIPE CLASS III					R.C. PIPI CLASS IV	PE V	PIPE AS NOTED ST					ENDWALLS OUANTITIES OUANTITI			A + (1.5 × COL. B)	FRAI GRAT AND H STAND 840.	TES, HOOD DARD	CONCRETE TRANSITIONAL SECTION	.16 In 24	40.27 An oe	40.28 RATES STD. 840.20	GRATES STD. 840.24 T GRATES. STD. 840.29	. 3.1 D. 040.30 140.13		CYCLE SAFE) SP DETAIL 2C-6 840.54		. (4" CONCRETE PAVED DITCH SY)	ION 310.02	ON 310.04	RING DROP INLET			& SIZE	r. STD. 840.71	STD. 840.72		G G.D.	ABE C.B. N.D.I. D.I. G.D.I. D.I.(N.S.) J.B. M.H. B.D.I.	NARRO D GRATI (NAI JUI TRAI D TRAI	ATCH BASIN OW DROP INL PROP INLET ED DROP INLE RROW SLOT) NCTION BOX MANHOLE FFIC BEARING PROP INLET FFIC BEARING			
SIZE THICKNESS OR GAUGE		FROM	01			%	12"	15"	18" 24	24" 30")" 36"	" 42'	" 48"	DO NOT USE RCP-III	DO NOT USE CSP DO NOT USE CAAP	DO NOT USE HDPE, PP, OR PVC	" 15"	18" 24	4" 30"	36" 42"	48"	12" 15"	18"	24" 30"	36"	42" 48	36" 42	ess Installa	llation c	CU. YARDS		PER EACH (0' THRU 5.0') 5.0' THRU 10.0'	10.0' AND ABOVE	C.B. STD. 840.01 OR STD. 840.03	TYPE GRA	: OF TE	DROP INLET CATCH BASIN	D.I. STD. 840.14 OR STD. 840.15 D.I. FRAME AND GRATE STD. 8 G.D.I TYDE "A" STD. 840.17 OR	G.D.I. TYPE "A" STD. 840.17 OR	G.D.I. TYPE "D" STD. 840.19 OR G.D.I. FRAME WITH TWO FLAT G.D.I. FRAME WITH TWO GRATI	G.D.I. (N.S.) FRAME WITH TWO G.D.I. (N.S.) FR. WITH TWO FLA	D.I. IN APPROACH SLAB STD. 8 J.B. STD. 840.31 OR 840.32	TBJB STD. 840.34 T.B.D.I. STD. 840.36	STEEL GRATE AND FRAME (BIC M.H. FRAME AND COVER STD.	ADJUST DI	BERM DRAINAGE OUTLET STD	CONV JB TO OTCB 15" PARALLEL PIPE END SECTIONS	24"PARALLEL PIPE END SECTION OF S	SPECIAL DETAIL DROP INLET SPECIAL DETAIL TRAFFIC BEA	SPECIAL DETAIL CB SPECIAL DETAIL JB	FLOWABLE FILL (C1)	DRAINAGE PIPE ELBOWS NO.	CONC. & BRICK PIPE PLUG, C.	CONC. COLLARS CL. "B" C.Y. S	PIPE REMOVAL LIN. FT.	Т.:	B.J.B.	JUI	NCTION BOX
SHEET 11 - DR12- 10+60.00	12 RT	1199	1742.	_	2 1719.	4 0.49	,			70				×		×																4 25										1	1	1															
- DR12- 10+60.00 SHEET 12 - L- 113+98.50	-25 IT	1217	1729 ·		2 1/19.	4 0.49	/0			72																						1 2.5							1		1										+								
- L- 113+98.50 - L- 119+90.00	LT RT	1217 1206	1218 1219	1722.3 1692.5	3 1709. 5 1682.		6			72	44			×		×																																			2 (0	2 @ 30 2 @ 24				16			
- L- 117+50.00 - L- 117+50.00	33 RT RT	1211	1706.3 1219	1703.5	5 1688.	0 0.5%	6											240										_				1							1		1															53			
- L- 119+89.00 - L- 119+89.00	28 RT RT	1219 1219	1692.1 1207 1703.2		2 1679.	9 0.89	6												68													1 4.9							1		1																		
- L- 118+00.00 - L- 118+00.00	-35 LT	1208 1208	1703.2 1207 1684.3	1700.4	1 1680.	7 1.99	6	212						×		×																1	2.0						1		1										2 (@ 15							
- L- 120+10.00 - L- 120+10.00 - L- 122+00.00	-35 LT LT	1207	1207 1684.3 1209 1681.6 1202 1222 1222 1203 1669.4	1672.3	3 1662.	0 3.39	6			28				×		×																1 5.0	2.0						1		1	I	l l								21	2 @ 24							
- L- 122+00.00 - L- 123+50.00	LT	1201	1202	1677.6	5 1668. 1668.	4 1.89 7 0.69	6	36						×		×						5	52																-								1		#		2(2 @ 15				52			
- L- 124+00.00 - L- 124+00.00	28 RT RT	1222 1222	1671.4 1203	1668.7		7 0.69											60															1							1		1																		
- L- 124+00.00 - L- 124+00.00	-31 LT LT	1203 1203	1669.4 1204	1666.7	7 1649.	0 2.69	6	108						×		×																1							1		1										2	2 @ 15							
SHEET 13	40	1011	1000																																														#										
- L- 128+00.00 - L- 128+00.00 - L- 134+10.55	-19 LT LT 32 RT	1314	1663.3 1307 1672.9	1659.7	7 1659.	5 0.5%	6										44															1							1		1									7	79.7					165 SPECIAL [DETAIL OO	10	
- L- 134+10.55 - L- 136+00.00	JZ KI RT RT	1302	1307 1672.9 1303 1680.4	1667.8	1667.	5 0.5%	6													56												1							1		1									1	16.2					10 10	DETAIL ZU-1	10	
- L- 136+00.00 - L- 134+10.00	-23 IT	1304	1303		1669.	3 0.5%	6															19	92						#			1 2.4										1	1	1							_								
- L- 134+10.00 - L- 131+80.00	-19 LT	1303	1305	1667.5	1662.	5 0.5%	6																		232							1 0.8							1		1								#		#								
- L- 131+80.00 - L- 130+50.00	28 RT	1305 1309	1306	1662.5	1659.	3 0.5%	6																		132							1							1		1																		
- L- 130+50.00 - L- 130+50.00	-19 LT	1309 1306	1668.3 1306 1664.4 1306 1665.	1662.1	1 1661.	1 0.5%	6										48															1 0.8							1		1															60			
- L- 130+50.00 - L- 128+42.20	-19 LT	1306 1307	1307 1663.2 1308	1659.3	3 1657.	4 0.5%																			204							1 0.8							1		1																		
- L- 128+42.20	LT	1307	1308	1657.4	1 1635.	3 2.29	6					64		×		×																																			2 (2 @ 36							
																																																			6 @ 1 4 @ 2	24"							
																											0 0																							0 0 0 10	2 @ 3	30" 36"							



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