PROJECT REFERENCE NO. SHEET NO. R-586I 3D-IO

## 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			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. PIPE CLASS IV		STD. 838.0 OR STD. 838.1 (UNLESS NOTED OTHERWIS		QUANTITIES  QUANTITIES  FOR DRAINAGE STRUCTURES  *TOTAL L.F. FOR PAY QUANTITY SHALL BE COI 'A' + (1.3 X COL.'B')		-B N. :	GR/ AND STAN	FRAME, SECTION SECTION SECTION		0. 840.16 OR 840.26 OD 840.27		RATES STD. 840.22 WO GRATES STD. 840.24 FLAT GRATES. STD. 840.29 N FT STD 840.30	TD. 840.13	(BICYCLE SAFE) SP DETAIL 2C-6 itD. 840.54		STD. (4" CONCRETE PAVED DITCH SY)	SECTION 310.03	ET BEARING DROP INLET		NO. & SIZE	s, C.Y. STD. 840.71	.Y. STD. 840.72	71.010.040.12	C	C.B. N.D.I. D.I. G.D.I. G.D.I.(N.S.) J.B. M.H. T.B.D.I.	NARRO DF GRATE (NAF JUN N TRAF DF TRAF	ATCH BASIN DW DROP INLET ROP INLET ED DROP INLET RROW SLOT) NCTION BOX MANHOLE FFIC BEARING ROP INLET					
SIZE THICKNESS OR GAUGE		FROM	10			12" 15"	18" 24	" 30"	36" 42"	98 BO NOT USE RCP-III	DO NOT USE CSP DO NOT USE CAAP ONOT USE HDPE, PP,	12" 15" 1	3" 24" 30"	" 36" 4	42" 48"	12" 15"	18" 24	4" 30"	36" 4	42" 48"		42" less Installa	ntion o	CU. YARDS	H (0' THRU 5.0	THRU 10.0' P		STD. 840.01 OR STD. 8  OH OF STD. 8	PE OF RATE	TCH BASIN STD. 840.14 OR STD. 84	FRAME AND GRATE ST I. TYPE "A" STD. 840.17	.I. TYPE "B" STD. 840.18 I. TYPE "D" STD. 840.19 II. FRAME WITH TWO FI	I. FRAME WITH TWO G. I. (N.S.) FRAME WITH T. I. (N.S.) FR. WITH TWO VEWAY DROP INI ET III	IN APPROACH SLAB ST STD. 840.31 OR 840.32 B STD. 840.34	D.I. STD. 840.36 EEL GRATE AND FRAME FRAME AND COVER S	NST JB NST CB NST DI	IN DITO JBMH  NV JB TO OTCB	PARALLEL PIPE END SPARALLEL PIPE END SE 2B Std 840.04 or 840.05	CIAL DETAIL DROP IN	CIAL DETAIL CB CIAL DETAIL JB WABLE FILL (CY)	AINAGE PIPE ELBOWS	NC. & BRICK PIPE PLUG	VC. COLLARS CL. "B" C	45. COLEANS OF. B	E REMOVAL LIN. FT.	T.B.J.B.		NCTION BOX
SHEET 17											_ 8														PER	2.0.	10.0	S E	F G	CAT CAT	G.D.	0 0 0	G.D. G.D.	D.I. J.B.	STE M.H.	ADJ ADJ	CON CON	18" 24"F OTC	SPE	SPE SPE FLO		Ö	S	5	<u>a</u>		REMARKS	
- L- 182+75.00 - L- 182+75.00	28	RT 17	707 1708	69.0 1662	2.0 1661.8 0.69	6						52														2.0						1	1															
- L- 182+25.00 - L- 182+25.00		RI 17	708 1710	7 1.7	1.8 1661.0 0.69	6							56												1	4.9						1	1															
- L- 181+50.00 - L- 181+50.00 - L- 187+00.00		RT 17	709 1710	1673	3.9 1672.0 0.59	6						28													1							1	1															
- L- 187+00.00 - L- 189+00.00		LT 17	715 1716 701 1702	1645	5.4 1644.7 0.59 7.2 1630.6 1.69		8	36		×	×	(																					-				23			2.7	.7 .5 2 @	24			See co	concrete ditch sp		
- L- 189+00.00 - L- 189+00.00		RT 17		35.3	0.6 1619.4 0.59			232																	1						1	1	1				20				2 6							
- L- 191+25.00 - L- 191+25.00			703 162 703 1704	24.1	9.4 1618.7 0.59								60												1						1	1	1												32			
- L- 191+26.00 - L- 191+26.00	-31	LT 17	704 162 704 1705	23.5	3.7 1615.1 2.19			20		×	×	<													1							1	1								2 @	24						
-L- 192+07.16		RT 17				76	6																															1										
SHEET 18																																																
- L- 194+54.08 - L- 194+20.00	46	LT 18	804     1817       802     161	11.0	9.8 1608.3 0.79							56													1													1	1						SPEC!	CIAL DETAIL 2C	<u></u> <u></u>	
- L- 194+20.00 - L- 194+66.48	38	RT 18	802 1803 803 160	1606	6.8 1603.5 0.79	6							5	52																																		
- L- 203+37.00 - L- 203+37.00		RT 18	816 1805	1629	0.9 1629.8 0.79	6						16													1										1 1													
- L- 203+37.00 - L- 203+37.00		RT 18	805 163 805 1806	1629	9.8 1629.6 0.79	6						32													1			1	1																			
- L- 203+37.00 - L- 203+37.00		LT 18	806 1807 807 163	1629	9.6 1622.6 0.89	6						224													1	0.7		1	1																			
- L- 201+15.00 - L- 201+15.00		LT 18	807 162 807 1809	1622	2.3 1618.5 1.19	6							76													0.7		1	1																46			
- L- 200+40.00 - L- 200+40.00		LT 18		1618	3.5 1614.5 1.29	6							40													1.9		1	1										1						34	CIAL DETAIL 2C		
- L- 200+00.00 - L- 200+00.00 - L- 200+00.00		LT 18		1616	6.0 1615.0 0.59	6							20													5.0	0.7									1									42	AL DETAIL 20	<i>-</i> 10	
- L- 200+00.00 - L- 200+00.00 - L- 198+92.90		LT   18	815     162       815     1811       820     161	1613	3.5 1610.7 0.49	6							10	00													0.1												1						60 SPEC	CIAL DETAIL 2C	 C-10	
- L- 198+92.90 - L- 199+00.00		LT 18	820 1810	1610	0.8 1610.5 0.49	6								8																																CIAL DETAIL 20		
- L- 199+00.00		LT 18	810 1811	1610	0.5 1610.0 0.69	6								24																															27			
SHEET TOTALS	3					0 104	4 0 2	288 0	0 0	0		0 408	192 60 15	52 32	0 0	0 0	0	0 0	0 0	0	0 0	0	0	0	0 17	19.4	0.7	4 0	3 1	0 0	0 0 2	2 4 1 0	0 5 2	0 0 0 1	1 1	1 0 0	23 0 0	2 0 0	4 0 0	0 0 6.2	4 @ 24" .2 4 TOTA	L (	)	0	241			

2/2023

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