DJECT REFERENCE NO.	SHEET NO.
R-5861	₹ ∩ -9

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. I CLAS		R.C. PIPE CLASS IV		PIPE AS	PIPE AS NOTED		01 11 3 8E)	QUANTITIES FOR DRAINAGE STRUCTURES *TOTAL L.F. FOR PAY QUANTITY SHALL BE COL. 'A' + (1.3 X COL.'B')		FRA GRA AND I STAN 840	AME, ATES, HOOD IDARD 0.03	CONCRETE TRANSITIONAL SECTION	5 840.16 B 4.0.78	OR 840.27 OR 840.28 AT GRATES STD. 840.20	ATES STD. 840.22 VO GRATES STD. 840.24	FT. STD. 840.30	SICYCLE SAFE) SP DETAIL 2C-6	D. 840.54	itd. (4" concrete paved ditch sy)	CTION 310.02	CTION 310.04	ET SEARING DROP INLET		NO. & SIZE	C.Y. STD. 840.71	Y. STD. 840.72		N G G.D.		CATCH NARROW D DROP GRATED D (NARRO' JUNCTI MANI TRAFFIC DROP TRAFFIC JUNCTI	PINLET DROPINLET DW SLOT) TON BOX NHOLE DBEARING	
SIZE					6					=	CSP AAP	Щ. Q .									36" 42"		CU. YARD	S		FT. B	R STD. 84			RATE STD. 840 RATE STD. 'D. 840.17	D. 840.18 (D. 840.19 (H. T. WO FLA	H TWO GR E WITH TW	SLAB STE	6 D FRAME (COVER ST	OUTLET S	S PE END SE	E END SEC	OROP INLE	(X)	ELBOWS N	PE PLUG,	CL. "B" C.)	F.	Т.Т	B.J.B.	JUNCTI	ON BOX
THICKNESS OR GAUGE		FROM			12"	15"	18" 24"	30"	36" 42"	48"	DO NOT USE	DO NOT USE HD OR PVC	15" 18"	" 24" :	36" 4	42" 48"	12" 15"	' 18" 24'	" 30" 36'	" 42"	48" Trenchless Welded		R. C. P.	C.S.P.	PER EACH (0' THR 5.0' THRU 10.0'	10.0' AND ABOVE	C.B. STD. 840.01 O	E OF ATE	CATCH BASIN	D.I. STD. 840.14 OF D.I. FRAME AND G G.D.I. TYPE "A" ST	G.D.I. TYPE "B" ST G.D.I. TYPE "D" ST G.D.I. FRAME WITI	G.D.I. FRAME WITI G.D.I. (N.S.) FRAM	DRIVEWAY DROP D.I. IN APPROACH J.B. STD. 840.31 O	TBJB STD. 840.34 T.B.D.I. STD. 840.3 STEEL GRATE AN	M.H. FRAME AND ADJUST JB ADJUST CB	ADJUST DI BERM DRAINAGE CONV DI TO JBMH	CONV JB TO OTCE	18" PARALLEL PII 24"PARALLEL PIIP OTCB Std 840.04 o	SPECIAL DETAIL I SPECIAL DETAIL 1 SPECIAL DETAIL (SPECIAL DETAIL .	DRAINAGE PIPE	CONC. & BRICK PI	CONC. COLLARS	PIPE REMOVAL LII		R	EMARKS	
SHEET 15 (cont.) - L- 157+30.00	25 RT	1504	1728.3																						1 5.0	2.0					1		1															
- L- 157+30.00 - L- 155+00.00	RT 23 RT	1504 1505 1505	1716.3	3 1712.0	0.8%								23	32											1						1		1															
- L- 155+00.00 - L- 153+21.00	RT 10 PT	1505 1506		1703.0	0.9%								18	80											1						1		1															
- L- 153+21.00	RT	1506 1516		1698.4	3.7%		20			;	×	×													1						1				4						2 @ 18	3						
- L- 153+21.00 - L- 153+21.00	35 RI RT	1010 1420	1702.0	1694.1	0.9%								15	52											1								1		1													
-L- 152+34.84 -L- 154+19.3 -L- 160+31.81 - L- 163+76.38	-27 LT -27 LT -42 LT -63 LT	1514 1515	1741.2			32 32 32 32																			1						1	1					1 1			3.3	3 8				20			
- L- 163+76.38 - L- 162+50.00	-46 LT	1511	1738.4										128												1						1	1																
- L- 162+50.00 - Y11- 11+30.09	LT LT 46 RT	1511 1512 1513	1736.9 1735.8	1734.0 1718.6	0.6%	32							10	04	168								2.3														1								BURIED 0.	5'		
SHEET 16 - L- 171+00.00	34 RT	1604	1732.8																						1						1	1																
- L- 171+00.00 - L- 171+00.00	-46 LT	1604 1605 1605	1730.1 1731.2	1728.4	0.5%								80												1						1	1													42			
- L- 171+00.00 - L- 176+00.00	LT 28 RT	1605 1606 1609	1728.4	1726.0	1.1%								124												1							1													112			
- L- 176+00.00 - L- 178+00.00	RT	1609 1602	1704.3	3 1691.3	0.6%	200																			1						1	1																
- L- 178+00.00 - L- 178+00.00	LT	1603 1602	1691.8	1690.8	0.5%								8	80											1						1														42			
- L- 178+00.00 - L- 178+00.00	ZØ KI	1604 1604 1605 1605 1606 1609 1609 1609 1602 1603 1603 1603 1602 1602 1713	1690.5	5 1671.8	1.9%		152	2		;	×	×													1																2 @ 24	1						
SHEET TOTALS						0 328	20 152	2 0	0 0	0		0	332 74	48 0	168 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	2.3	0	11 5	2.0	0 0	0 0	0 0	0 0 1	9 0	0 0 7	3 0 0 1	0 0 0	1 0 0	0 0 (0 0 4	0 0 0	0 0 0 0	0 12.7	2 @ 18" 2 @ 24" 7 4 TOTAL	0		0	261			



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