PROJECT REFERENCE NO. SHEET NO. R-586I 3D-4

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	% MINIMUM REQUIRED SLOPE	DRAINAGE PIPE (RCP, CSP, CAAP, HDPE, or PVC)				R.C. PIPE CLASS III CLASS IV			PE IV		AS NOTED ST () OT	QUANTITIES OUANTITIES OUANTITIES OUANTITIES POR DRAINAGE STRUCTURES STRUCTURES ATOTAL L.F. FOR PAY QUANTITY SHALL BE COL. A' + (1.3 X COL.'B')		.x au	FRAME, GRATES, AND HOOD STANDARD 840.03	CONCRETE TRANSITIONAL SECTION 40.15	140.15 1TD. 840.16 17 OR 840.26	18 OR 840.27 19 OR 840.28 FLAT GRATES STD. 840.20 GRATES STD. 840.22	TWO GRATES STD. 840.24 D FLAT GRATES. STD. 840.29 IN. FT. STD. 840.30		E (BICYCLE SAFE) SP DETAIL 2C-6 STD. 840.54	r std. (4" concrete paved ditch sy)	SECTION 310.02 SECTION 310.03	SECTION 310.04	S BEARING DROP INLET	S NO. & SIZE	G, C.Y. STD. 840.71	C.Y. STD. 840.72		C.B. CATCH BASIN N.D.I. NARROW DROP INLET DROP INLET D.I. GRATED DROP INLET G.D.I. (NARROW SLOT) G.D.I.(N.S.) JUNCTION BOX J.B. MANHOLE M.H. TRAFFIC BEARING T.B.D.I. DROP INLET TRAFFIC BEARING JUNCTION BOX	
SIZE THICKNESS OR GAUGE	FROM TO		12" 15" 18" 24"	30" 36" 42" 48	DO NOT USE RCP-III	DO NOT USE CAAP DO NOT USE HDPE, PP, OR PVC	5" 18" 24"	30" 36" 42"	48" 12" 15"	18" 24" 30'	' 36" 42" 4		42" Cl	U. YARDS	5.0' THRU 10.0' P	10.0' AND ABOVE C.B. STD. 840.01 OR STD.	TYPE OF GRATE	DROP INLET CATCH BASIN	D.I. STD. 840.14 OR STD. 8 D.I. FRAME AND GRATE S G.D.I. TYPE "A" STD. 840.	G.D.I. TYPE "B" STD. 840. G.D.I. TYPE "D" STD. 840. G.D.I. FRAME WITH TWO I	G.D.I. (N.S.) FRAME WITH G.D.I. (N.S.) FR. WITH TWC DRIVEWAY DROP INLET L	J.B. STD. 840.31 OR 840.37 TBJB STD. 840.34 T.B.D.I. STD. 840.36	STEEL GRATE AND FRAM M.H. FRAME AND COVER ADJUST JB	ADJUST CB ADJUST DI BERM DRAINAGE OUTLET	CONV JB TO OTCB 15" PARALLEL PIPE END 18" PARALLEL PIPE END	24"PARALLEL PIPE END S OTCB Std 840.04 or 840.05 SPECIAL DETAIL DROP IN	SPECIAL DETAIL TRAFFIC SPECIAL DETAIL CB SPECIAL DETAIL JB	DRAINAGE PIPE ELBOW	CONC. & BRICK PIPE PLU	CONC. COLLARS CL. "B"	PIPE REMOVAL LIN. FT.	REMARKS
SHEET 6 - L- 36+36.00 - L- 37+72.00 - L- 37+72.00	RT 601 602 1739.0 1735 -19 LT 603 1740.6 LT 603 602 1736.6 1736						60								1					1	1						3	.5				
- L- 36+37.00	-19 LT 602 1745.5				×		100								1 4.6					1	1						2	.0				
- L- 36+37.00 - L- 39+00.00	LT 602 604 1735.9 1728 RT 605 607 1733.1 1723	0.5%	36						164																1			2 @ 18			37	
- L- 40+60.00 - L- 40+60.00	RT 606 607 1728.1 1721 28 RT 607 1726.3	.8 1.7%		16	×	×								2.8	1					1	1							2 @ 36				SPECIAL DETAIL 2C-7
- L- 40+60.00 - L- 47+00.00	RT 607 608 1721.8 1720 RT 610 609 1768.0 1694		156		×	×		88																4.4				2 @ 15	j	+		See concrete ditch spreadsheet
- L- 47+50.00	40 RT 609 1697.7		100												1					1	1			1.1				2 6 10				and controlled allowing productions
- L- 47+50.00 -L- 48+44	RT 609 701 1694.7 1679 -31 LT 612	0.7%	32																						1						62	
SHEET 7 - L- 50+00.00	44 RT 701 1683.5														1				1		1											
- L - 50+00 00	RT 701 704 1678 7 1674	.7 0.5%	92	2																												
-L- 49+93 - L- 55+80.00	-44 L1 719 -24 LT 712 1655.4		60												1					1	1											
- L- 55+80.00 - L- 56+00.00	-44 LT 719 -24 LT 712 1655.4 LT 712 713 1651.4 1651. -24 LT 713 714 1651.0 1648	.0 0.6%					24								1					1	1											
- L- 56+00.00	LT 713 714 1651.0 1648	0.6%					104																								32	
-L- 56+57.37 - L- 58+39.72	-51 LT 720 -48 LT 728 1649.8		60												1 3.8							1	1		1							
- L- 58+39.72 - L- 58+74.00	LT 728 715 1641.0 1640	0.0 0.4%						40							1 1.3				1		1											
- L- 58+74.00	LT 715 716 1640.0 1638												80		. 1.0																	
- L- 61+00.00 - L- 61+00.00	19 RT 726 1645.8 RT 726 727 1641.8 1640.8	1.8%	16		×	×									1					1	1							2 @ 15	,			
- DR7- 10+50.00 - DR7- 10+50.00	-11 LT 721 1669.1 LT 721 722 1666.3 1664						24								1					1	1								<u> </u>			
- DR7- 10+50.00	11 RT 722 1669.1														1					1	1											
- DR7- 10+50.00 - Y3- 12+50.00	RT 722 723 1664.2 1661 RT 724 723 1664.4 1661	.5 1.0% .5 0.5%					28 36																									
- Y3- 12+15.00 - Y3- 12+15.00	26 RT 723 1664.3						144								1					1	1											
- t- 61+75.95	RT 723 725 1661.3 1645 LT 718 717 1645.7 1639	0.8 1.8%	20		×	×	144																					2 @ 18	,			
- L- 61+75.00 - L- 61+75.00	-28 LT 717 1642.8 LT 717 801 1639.8 1639	0.0 0.8%					68								1					1	1										87	
																												4 @ 15"				
																0.00 0												4 @ 18" 2 @ 36"				
SHEET TOTALS			0 324 316 92	2 0 16 0	0	0	352 272 0	0 88 40	0 0 164	0 0	0 0 0	0 0	80 0	0 2.8	14 9.7	0.00 0	0 0 0	0 0	0 0 2	11 0 0	0 8 5 0	0 1 0	0 0 1 0	0 0 4.4	0 0 3	0 0 0 0	0 0 0 6	.1 10 TOTAL	0	0	218	



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