7SRM9H4

COMPUTED BY: Matthew Stratton, EI DATE: 6/25/2025

CHECKED BY: Richard Hinton, PE DATE: 6/25/2025

PROJECT NO.	SHEET NO.
R-5759	3D-14

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

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	Drainage Pipe (RCP, CSP, CAAP, HDPE, or PVC) SIZE: 12	15	18	24	30	36	42	48	DO NOT USE PVC
									THICKNESS OR GAUGE:								
L 162+67	53	LT	1530		968.9												
			1530	1531		965.9	965.5										
L 162+67	43	LT	1531		969.8												
L 163+19	39	LT	1532		970.5												
L 166+04	42	LT	1533		967.9												
L 166+88	38	LT	1534		968.2												
L 166+01	48	LT	1535		966.7												
			1535	1533		963.5	963.3										
L 166+81	54	LT	1536		966.5												
			1536	1534		962.5	961.5										
L 168+40	52	LT	1537		966.9												
			1537	1538		964.5	964.4										
L 168+41	46	LT	1538		968.2												
L 160+47	55	LT	1539		969.4												
L 159+68	47	LT	1540		968.8												
L 155+19	46	LT	1541		971.4												
			1541	1542		968.5	968.3			16							X
L 155+19	29	LT	1542		971.9												
			1542	1501		968.0	965.5	1.4									
L 156+29	46	RT	1543		967.8												
L 159+56	45	LT	1544		967.6												
			1544	1540		963.1	963.0										
L 166+89	46	RT	1545		966.1												
L 160+96	55	LT	1546		969.3												
			1546	1529		961.8	961.5										
L 170+86	28	RT	1601		978.8												
L 170+93	24	LT	1602		978.5												
			1602	1604	975.5	950.4											
L 175+58	24	LT	1603		995.0												
Y2 19+25	16	LT	1702		1171.0												
			1702	1709		1164.3	1164.0										
Y2 20+90	16	LT	1703		1172.4												
			1703	1707		1163.6	1155.2										
Y2 19+03	16	LT	1704		1170.8												
			1704	1702		1165.8	1164.3	0.7									
Y2 17+82	16	LT	1705		1172.4												
			1705	1704		1167.9	1165.8										
Y2 17+82	16	RT	1706		1171.8												
			1706	1705		1168.5	1167.9										
Y2 20+00	16	LT	1709		1171.6												
			1709	1703		1164.0	1163.6										
Y2 19+25	35	RT	1710		1169.9												
			1710	1702		1166.9	1164.8										
L 10+12	25	LT	0409	OUT						28							X
L 12+66	36	LT	0410	OUT						144							X
Y4 11+42	42	LT	0632	OUT						68							X
Y3 12+22	4	RT	0635	OUT													
Y3 12+67	44	RT	0644	OUT						120							X
Y3 11+70	21	LT	0646	OUT						32							X
Y3 11+07	18	LT	0647	OUT						28							X
SHEET TOTALS										436							

C. S. PIPE THICKNESS OR GAUGE:	12 .064	15 .064	18 .064	24 .064	30 .079	36 .079	42 .109	48 .109
L 162+67								
L 162+67								
L 163+19								
L 166+04								
L 166+88								
L 166+01								
L 166+81								
L 168+40								
L 168+41								
L 160+47								
L 159+68								
L 155+19								
L 155+19								
L 156+29								
L 159+56								
L 166+89								
L 160+96								
L 170+86								
L 170+93								
		68						
L 175+58								
Y2 19+25								
Y2 20+90								
				72				
Y2 19+03								
Y2 17+82								
Y2 17+82								
Y2 20+00								
Y2 19+25								
L 10+12								
L 12+66								
Y4 11+42								
Y3 12+22								
Y3 12+67								
Y3 11+70								
Y3 11+07								
	68		72					

R. C. PIPE CLASS IV	12	15	18	24	30	36	42	48
L 162+67								
		8						
L 162+67								
L 163+19								
L 166+04								
L 166+88								
L 166+01								
		4						
L 166+81								
			16					
L 168+40								
		4						
L 168+41								
L 160+47								
L 159+68								
L 155+19								
L 155+19								
			104					
L 156+29								
L 159+56								
					12			
L 166+89								
L 160+96								
					84			
L 170+86								
L 170+93								
L 175+58								
Y2 19+25								
					72			
Y2 20+90								
Y2 19+03								
					20			
Y2 17+82								
					120			
Y2 17+82								
					28			
Y2 20+00								
					84			
Y2 19+25								
			48					
L 10+12								
L 12+66								
Y4 11+42								
Y3 12+22					56			
Y3 12+67								
Y3 11+70								
Y3 11+07								
	16	168	380	96				

R. C. PIPE CLASS V	12	15	18	24
L 162+67				
L 162+67				
L 163+19				
L 166+04				
L 166+88				
L 166+01				
L 166+81				
L 168+40				
L 168+41				
L 160+47				
L 159+68				
L 155+19				
L 155+19				
L 156+29				
L 159+56				
L 166+89				
L 160+96				
L 170+86				
L 170+93				
L 175+58				
Y2 19+25				
Y2 20+90				
Y2 19+03				
Y2 17+82				
Y2 17+82				
Y2 20+00				
Y2 19+25				
L 10+12				
L 12+66				
Y4 11+42				
Y3 12+22				
Y3 12+67				
Y3 11+70				
Y3 11+07				
	23	18.8	1.2	9

ENDWALLS STD. 838.01 OR STD. 838.11 (UNLESS NOTED OTHERWISE) CY	REINFORCED ENDWALLS CY	DRAINAGE STRUCTURE MASONRY CY