COMPUTED BY: WAB DATE: 1/3/2017

CHECKED BY: DATE:

RD261649

PROJECT NO.	SHEET NO.
I-5765	3D-1

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)

STATION	LOCATION (LT, RT, OR CL)	STRUCTURE NO. FROM	STRUCTURE NO. TO	TOP ELEVATION	INVERT ELEVATION	INVERT ELEVATION	SLOPE CRITICAL
18+00 -L2-	CL	1					
22+00 -L2-	CL	2		773.9			
23+50 -L2-	CL	2	3	772	769.5		
148+50 -L2-	CL	4					
148+80 -L2-	CL	5		696.7			
		5	4	694.7	692.25		
154+75 -L2-	CL	6					
155+10 -L2-	CL	7		689	683.1		
269+00 -L2-	CL	8					
271+00 -L2-	CL	9		721.3			
		9	8	719.4	714.6		
SHEET TOTALS							

SIZE / THICKNESS OR GAUGE

STATION	FROM	TO	SIDE DRAIN PIPE (RCP, CSP, CAAP, HDPE, or PVC) 12"	15"	18"	24"	30"	36"	42"	48"	DO NOT USE RCP	DO NOT USE CSP	DO NOT USE CAAP	DO NOT USE HDPE	C.S. PIPE 12" .064	15" .064	18" .064	24" .064	30" .079	36" .079	42" .109	48" .109
18+00 -L2-	1																					
22+00 -L2-	2																					
23+50 -L2-	2	3																				
148+50 -L2-	4																					
148+80 -L2-	5																					
	5	4																				
154+75 -L2-	6																					
155+10 -L2-	7																					
269+00 -L2-	8																					
271+00 -L2-	9																					
	9	8																				
SHEET TOTALS			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

STATION	FROM	TO	R.C. PIPE CLASS III 12"	15"	18"	24"	30"	36"	42"	48"	R.C. PIPE CLASS IV 12"	15"	18"	24"	30"	36"	42"	48"
18+00 -L2-	1																	
22+00 -L2-	2			144														
23+50 -L2-	2	3																
148+50 -L2-	4																	
148+80 -L2-	5																	
	5	4		28														
154+75 -L2-	6																	
155+10 -L2-	7																	
269+00 -L2-	8																	
271+00 -L2-	9																	
	9	8		190														
SHEET TOTALS			0	362	0	0	0	0	0	0	0	0	0	0	0	0	0	0

STATION	FROM	TO	** " R.C. PIPE (CLASS V)	***" RC PIPE CULVERTS, CONTRACTOR DESIGN	***" RC PIPE CULVERTS, CONTRACTOR DESIGN	15" SIDE DRAIN PIPE	18" SIDE DRAIN PIPE	ENDWALLS STD. 838.01 838.11 OR STD. 838.80 (UNLESS NOTED OTHERWISE) CU. YARDS	QUANTITIES FOR DRAINAGE STRUCTURES PER EACH (0' THRU 5.0')	*TOTAL L.F. FOR PAY QUANTITY SHALL BE COL. 'A' + (1.3 X COL.'B') LIN. FT. A 5.0' THRU 10.0'	LIN. FT. B 10.0' AND ABOVE	C.B. STD. 840.01 OR STD. 840.02	FRAME, GRATES, AND HOOD STANDARD 840.03 TYPE OF GRATE E	F	G
18+00 -L2-	1														
22+00 -L2-	2								1						
23+50 -L2-	2	3													
148+50 -L2-	4														
148+80 -L2-	5								1						
	5	4													
154+75 -L2-	6														
155+10 -L2-	7								1	0.9					
269+00 -L2-	8														
271+00 -L2-	9								1						
	9	8													
SHEET TOTALS			0	0	0	0	0	0 0	4	0.9	0	0	0	0	0

STATION	FROM	TO	CONCRETE TRANSITIONAL SECTION DROP INLET	CATCH BASIN	D.I. STD. 840.14 OR STD. 840.15	D.I. FRAME AND GRATE STD. 840.16	G.D.I. TYPE "A" STD. 840.17 OR 840.26	G.D.I. TYPE "B" STD. 840.18 OR 840.27	G.D.I. TYPE "D" STD. 840.19 OR 840.28	G.D.I. FRAME WITH GRATE STD. 840.20	G.D.I. FRAME WITH TWO GRATES STD. 840.22	G.D.I. (N.S.) FRAME WITH GRATE STD. 840.24	G.D.I. (N.S.) FRAME WITH TWO GRATES STD. 840.24	J.B. STD. 840.31 OR 840.32	TEMPORARY STEEL PLATE COVERS	ADJUST 2GI		
18+00 -L2-	1														1			
22+00 -L2-	2								1		1							
23+50 -L2-	2	3														1		
148+50 -L2-	4														1	1		
148+80 -L2-	5								1		1							
	5	4																
154+75 -L2-	6														1			
155+10 -L2-	7								1		1							
269+00 -L2-	8														1	1		
271+00 -L2-	9								1		1							
	9	8																
SHEET TOTALS			0	0	0	0	0	0	4	0	4	0	0	0	4	3	0	0

STATION	FROM	TO	SIDE DRAIN PIPE ELBOWS NO. & SIZE	CONC. & BRICK PIPE PLUG, C.Y. STD. 840.71	CONC. COLLARS CL. "B" C.Y. STD. 840.72	PIPE REMOVAL LIN. FT.	REMARKS
18+00 -L2-	1						
22+00 -L2-	2						
23+50 -L2-	2	3					
148+50 -L2-	4						
148+80 -L2-	5						
	5	4					
154+75 -L2-	6						
155+10 -L2-	7						MATCH INVERT OF EXIST. 18" RCP
269+00 -L2-	8						
271+00 -L2-	9						
	9	8					
SHEET TOTALS			0 0 0	0 0 0	0	0	

ABBREVIATIONS

C.B.	CATCH BASIN
N.D.I.	NARROW DROP INLET
D.I.	DROP INLET
G.D.I.	GRATED DROP INLET
G.D.I.(N.S.)	(NARROW SLOT)
J.B.	JUNCTION BOX
M.H.	MANHOLE
T.B.D.I.	TRAFFIC BEARING DROP INLET
T.B.J.B.	TRAFFIC BEARING JUNCTION BOX