COMPUTED BY:	GSBLELL	DATE:	3/30/2012
CHECKED BY:	AJFOSTER	DATE:	4/16/2014

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

PROJECT NO.	SHEET NO.
R-2519B	3D-25

RD259193

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 54" & OVER)

STATION	LOCATION (LT, RT, OR CL)	STRUCTURE NO. FROM	STRUCTURE NO. TO	TOP ELEVATION	INVERT ELEVATION	INVERT ELEVATION	SLOPE CRITICAL	CLASS III R.C. PIPE (UNLESS NOTED OTHERWISE) SIZE 54"	60"	66"	72"	78"	84"			CLASS IV R.C. PIPE (UNLESS NOTED OTHERWISE) SIZE 54"	60"	66"			CLASS V RCPIPE SIZE 54"	60"
THICKNESS OR GAUGE																						
-L- STA. 23+57	CL	0410	0411		2,490.00	2,481.07		200'														
-L- STA. 23+58	CL	0939		2,455.00																		
-L- STA. 79+07	RT	0940	0939		2,453.00	2,446.31																124'
-L- STA. 79+33	LT	0904	0905		2,440.09	2,435.00											8'					
-L- STA. 79+33	LT	0904		2,446.70																		
-L- STA. 139+72	LT	1312	1313		2,519.78	2,516.98										56'						
-L- STA. 139+55.8	LT	1313		2523.25																		
-L- STA. 139+55.8	CL	1313	1314		2,516.98	2,509.76																
-L- STA. 138+68.95	LT	1314	1315			2,509.76																
-L- STA. 214+07	RT	1818	1819		2,690.30	2,690.30										20'						
-L- STA. 214+07.41	RT	1819	1820		2,690.30	2,684.19																
-L- STA. 214+13	LT	1820		2,690.96																		
-L- STA. 214+16.43	LT	1820	1821		2,684.19	2,677.91										96'						
-L- STA. 214+19.64	LT	1821	1822		2,677.91	2,677.89											8'					
-L- STA. 214+19	LT	1821		2,684.68																		
-Y23A- STA. 15+06.7	LT	2121															64'					
-L- STA. 300+99	RT	2420		2653.28																		
-L- STA. 300+65	RT	2420	2421		2,646.73	2,647.29																76'
-L- STA. 302+73.55	LT	2517		2630.37																		
-L- STA. 302+78	LT	2517	2518		2,621.55	2,621.50																
-L- STA. 302+11	LT	2516		2,645.86																		
-L- STA. 302+44	LT	2516	1517		2,639.31	2,621.55																
-L- STA. 301+60	CL	2516	2420		2,639.31	2,646.73																
SHEET TOTALS								200'								172'	80'				76'	124'

STATION	C.S. PIPE SIZE 54" .109	54" .138	54" .168	54" SHOP ELON-GATED .138	54" SHOP ELON-GATED .168	60" .138	60" .168	66" .138	66" .168	72" .139	72" .168		WELDED STEEL PIPE GRADE B SIZE 54" 0.875"	60"				66"				72"				
THICKNESS OR GAUGE																										
-L- STA. 23+57																										
-L- STA. 23+58																										
-L- STA. 79+07																										
-L- STA. 79+33																										
-L- STA. 79+33																										
-L- STA. 139+72																										
-L- STA. 139+55.8																										
-L- STA. 139+55.8													130'													
-L- STA. 138+68.95	20'																									
-L- STA. 214+07																										
-L- STA. 214+07.41													136'													
-L- STA. 214+13																										
-L- STA. 214+16.43																										
-L- STA. 214+19.64																										
-L- STA. 214+19																										
-Y23A- STA. 15+06.7																										
-L- STA. 300+99																										
-L- STA. 300+65																										
-L- STA. 302+73.55																										
-L- STA. 302+78						16'																				
-L- STA. 302+11																										
-L- STA. 302+44						100'																				
-L- STA. 301+60																										
SHEET TOTALS	20'					116'							266'													

STATION	REINFORCED ENDWALLS WITH R.C. - C.Y.	REINFORCED ENDWALLS WITH C.S. - C.Y.	MASONRY DRAINAGE STRUCTURES CUBIC YARDS	C.B. STD. 840.01 OR 840.02	FRAMES, GRATES & HOOD STANDARD 840.03 TYPE OF GRATE E	F	G	CONCRETE TRANSITIONAL SECTION DROP INLET	CATCH BASIN	T.B.J.B. STD. 840.34 OR DETAIL SHEET 2C-11	J.B. 840.31 OR 840.32	54" WELDED STEEL PIPE LINER	REINF. CONC. FLARED END SECTIONS NO. & SIZE	CORR. STEEL FLARED END SECTIONS NO. & Size	CORR. STEEL ELBOWS NO. & SIZE	CONC. COLLARS CL. "B" C.Y. STD. 840.72	CONC. & BRICK PIPE PLUG C.Y. STD. 840.71	PIPE REMOVAL LIN. FT.	REMARKS
-L- STA. 23+57	5.00																		
-L- STA. 23+58			8.3							1									
-L- STA. 79+07	5.90																		
-L- STA. 79+33	5.90																		
-L- STA. 79+33			9.414								1								
-L- STA. 139+72	5.00																		
-L- STA. 139+55.8			7.617								1								
-L- STA. 139+55.8			4.113																
-L- STA. 138+68.95															2.579				
-L- STA. 214+07																			
-L- STA. 214+07.41	5.20														2.579				
-L- STA. 214+13			8.3							1									
-L- STA. 214+16.43																			
-L- STA. 214+19.64																			
-L- STA. 214+19			9.52								1								
-Y23A- STA. 15+06.7																			
-L- STA. 300+99			7.788								1								
-L- STA. 300+65	5.00																		
-L- STA. 302+73.55			10.209								1								
-L- STA. 302+78																			
-L- STA. 302+11			9.375								1								
-L- STA. 302+44																			
-L- STA. 301+60												244'							
SHEET TOTALS	32.00		74.64							2	6	244'			5.158				

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.)	GRATED DROP INLET (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