COMPUTED BY:	RAS	DATE:	1/31/2012
CHECKED BY:	TLS	DATE:	11/15/2013

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

PROJECT NO.	SHEET NO.
R - 3620	3-B

R0266215

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	DRAINAGE PIPE (RCP, CSP, CAAP, HDPE, or PVC) SIZE	THICKNESS OR GAUGE	DO NOT USE RCP	DO NOT USE CSP	DO NOT USE CAAP	DO NOT USE HDPE	C.S. PIPE SIZE	THICKNESS OR GAUGE	R.C. PIPE CLASS III SIZE	R.C. PIPE CLASS IV SIZE	** " 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 R.C.	ENDWALLS CU. YARDS C.S.P.	QUANTITIES FOR DRAINAGE STRUCTURES PER EACH (0' THRU 5.0')	LIN. FT. 5.0' THRU 10.0' A	LIN. FT. 10.0' AND ABOVE B	"TOTAL L.F. FOR PAY QUANTITY SHALL BE COL. "A" + (1.3 X COL. "B")	C.B. STD. 840.01 OR STD. 840.02	FRAME, GRATES, AND HOOD STANDARD 840.03 TYPE OF GRATE E	F	G	CONCRETE TRANSITIONAL SECTION DROP INLET	CATCH BASIN	D.I. STD. 840.14 OR STD. 840.15	D.I. FRAME WITH TWO GRATES 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.FLAT) FRAME WITH TWO GRATES STD. 840.29	J.B. STD. 840.31 OR 840.32	T.B.D.I. STD. 840.35	DRAINAGE 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
-L- 39+10	RT.	0601																			24																																
-L- 48+75	CL	0605	0604		5.5	5.3																																															
-L- 51+05	CL	0608	0607		7	5.8																																															
-L- 51+30	RT.	0609																			28																																
-L- 57+43	CL	0702	0701		8.7	8.5																		6.0																												
-Y- 10+56	CL	0703	0704		4.9	4.8																		3.4																												
-L- 70+40	CL	0802	0801		7.5	7.3																		6.0																												
-L- 82+21	CL	0902	0901		8.5	8.3																		4.5																												
-L- 89+25	CL	0904	0903		8.6	8.5																		4.5																												
-L- 92+00	CL	0905	0906		12	12																																															
-L- 94+00	CL	0907	0908		12.1	12.2																																															
-L- 96+00	CL	1001	1002		12	12.3																																															
-L- 96+90	CL	1003	1004		8.6	8.6																																															
-L- 98+00	CL	1005	1006		12.3	12.7																																															
-L- 100+00	CL	1007	1008		12.3	12.3																																															
-L- 102+00	CL	1009	1010		12.4	12.5																																															
-L- 104+00	CL	1011	1012		12	12.1																																															
-L- 110+17	CL	1101	1102		6.5	6.3																		6.0																												
-L- 112+60	CL	1103	1104		8.3	8																																															
-L- 113+50	CL	1105	1106		8.3	8																																															
-L- 115+00	CL	1107	1108		11.7	11.5																																															
-L- 117+00	CL	1109	1110		12.1	11.8																																															
-L- 118+50	CL	1111	1112		11.6	11.6																																															
-L- 127+87	CL	1202	1201		8.3	8.1																		4.5																												
-L- 134+41	CL	1203	1204		4.4	4																																															
-L- 142+98	CL	1303	1304		6.4	6																																															
-L- 149+25	LT.	1305		10.6																						1																							1		1							SEE STD. 846.04
-L- 149+25	LT.	1305	1403		7.8	5																	172																														
-L- 151+00	LT.	1403		10.1																						1																							1		1							SEE STD. 846.04
-L- 151+00	LT.	1402	1403		5	5																																															
-L- 151+00	RT.	1403	1404		5	4.9																																															
-L- 153+00	LT.	1406		9.7																						1																							1		1							SEE STD. 846.04
-L- 153+00	LT.	1405	1406		5.3	5.3																																															
-L- 153+00	RT.	1406	1407		5.3	5.3																																															
-L- 155+00	LT.	1409		11.1																						1																							1		1							SEE STD. 846.04
-L- 155+00	LT.	1408	1409		6.7	6.7																																															
-L- 155+00	RT.	1409	1410		6.7	6.7																																															
SHEET TOTALS																					52		172	34.9		4																							4		4						76	

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