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NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

PROJECT NO.	SHEET NO.
U-5839	3D-5

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		TOP ELEVATION	INVERT ELEVATION	INVERT ELEVATION	MINIMUM REQUIRED SLOPE	SIDE DRAIN PIPE (RCP, CSP, CAAP, HDPE, OR PVC)								DO NOT USE RCP	DO NOT USE CSP	DO NOT USE CAAP	DO NOT USE HDPE	DO NOT USE PVC	R.C. PIPE CLASS III								R.C. PIPE CLASS IV								ENDWALLS STD. 838.01 OR STD.838.11 (UNLESS OTHERWISE NOTED)	REINFORCED ENDWALLS	DRAINAGE STRUCTURE MASONRY	QUANTITIES FOR DRAINAGE STRUCTURES *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			CONCRETE TRANSITIONAL SECTION D.I. STD. 852.04 OR STD. 852.06	CONCRETE TRANSITIONAL SECTION C.B. STD. 852.05	D.I. STD. 840.14 OR STD. 840.15	D.I. FRAME AND GRATE STD. 840.16	G.D.I. TYPE "B" STD. 840.18 OR STD. 840.27	G.D.I. (N.S. SAG) FRAME W/ 2 GRATES STD. 840.24	G.D.I. (N.S. FLAT) FRAME W/ 2 GRATES STD. 840.29	SPECIAL OFFSET CB W/ MANHOLE (DETAIL 2D-1)	J.B. STD. 840.31 OR 840.32	T.B. J.B. STD. 840.34	T.B.D.I. STD. 840.35	M.H. STD. 840.51, STD. 840.52, OR STD. 840.53	M.H. FRAME AND COVER STD. 840.54	CONVERT EXISTING C.B. TO J.B.	CONVERT EXISTING D.I. TO J.B.	ADJUST C.B.	ADJUST D.I.	ADJUST M.H	CONC. COLLARS CL. "B" C.Y. STD. 840.72	FLOWABLE FILL, C.Y.	CONC. & BRICK PLUG, C.Y. STD. 840.71	PIPE REMOVAL LIN. FT.	REMARKS
SIZE / THICKNESS OR GAUGE		FROM	TO	FT.	FT.	FT.	%	12"	15"	18"	24"	30"	36"	42"	48"						12"	15"	18"	24"	30"	36"	42"	48"	12"	15"	18"	24"	30"	36"	42"	48"	CY	CY	CY	PER EACH (0' THRU 5.0')	LIN.FT. A 5.0' THRU 10.0'	LIN.FT. B 10.0' AND ABOVE		E	F	G																							
		1206	1205		2669.4	2669.1																								52																																								
L 52+13	38 LT	1207		2672.0																																				1			1		1																						8	
		1207	1117		2668.7	2667.4																									112																																						
L 52+13	68 LT	1208		2677.2																																																																	Existing Stubout
L 53+03	38 LT	1209		2672.4																																				1			1		1																							
		1209	1207		2669.4	2669.0	0.3																							88																																								
Y14A 10+87	13 LT	1211		2677.6																																																							1	1									
		1212	1231		2672.8	2672.2																								8																																								
Y14A 10+84	22 RT	1212		2677.0																																				1			1	1																								
Y14A 10+86	31 LT	1213		2677.3																																				1	1.5		1		1																							
Y14A 11+15	42 LT	1214		2675.9																																				1									1	1																			
		1214	1232		2673.7	2673.6																								16																																								
Y14A 11+85	32 LT	1215		2684.5																																				1											1	1																	
		1215	1232		2679.6	2673.6																								68																																								
		1216	1217		2673.6	2673.6																								12																																								
Y14 13+02	13 RT	1216		2676.7																																				1			1	1																								
Y14 13+15	13 RT	1217		2676.7																																							1			1																						
L 56+26	29 RT	1221		2679.7																																				1																1			1							2.505			
		1221	1226		2675.3	2674.9																								76																																								
L 56+29	38 RT	1222		2679.4																																				1			1			1																						
																																																																0.40				
		1222	1223		2676.3	2676.0																								12																																								
L 57+01	49RT	1224		2682.0																																				1			1			1																					47	
		1224	1222		2678.3	2676.4																								72																																								
L 56+48	48 LT	1225		2674.9																																																														3.42			32	
L 56+65	38 LT	1226		2680.7																																				1	2.0		1		1																							
		1226	1234		2673.7	2673.5																								20																																								
Y14A 10+91	22 RT	1231		2677.0																																				1	1.6		1			1																						
Y14A 11+15	31 LT	1232		2677.4																																				1			1		1																							
		1232	1213		2673.6	2672.6	0.4																							28																																								
L 58+50	31 RT	1302		2690.7																																				1							1		1	1																			
		1302	1303		2689.7	2689.5																								36																																								
L 58+50	38 LT	1303		2690.3																																				1			1		1																							
		1303	1226		2689.5	2677.7																								184																																								
Y15 11+22	25 RT	1305		2684.8																																				1											1	1															79	
Y15 11+22	12 RT	1306		2686.0																																				1			1		1																				2.740			
		1306	1305		2681.0	2680.1	0.4																									12																																					
Y15 11+20	36 LT	1307		2686.7																																																																Stub out
		1307	1306		2684.7	2681.0	0.4																									48																																					
L 59+72	38 RT	1309		2697.5																																				1			1			1																						
		1309	1308		2693.2	2693.0																								28																																								
L 59+72	6 RT	1310		2699.0																																				1							1		1	1																			
		1310	1309		2695.8	2694.3																								32																																								
L 60+50	6 RT	1311		2704.4																																				1							1		1	1																	31	
		1311	1310		2701.2	2695.8																								76																																								
L 62+08	7 LT	1312		2716.2																																				1	0.6		1			1		1																					
		1312	1311		2710.6	2701.2																								156																																								
L 62+08	40 LT	1313		2717.8																																				1	2.1		1		1																							
		1313	1312		2710.7	2710.6																								32																																								
L 62+25	55 LT	1314		2717.6																																				1	2.4										1	1																	
						SHEET TOTAL																								996	112	60									23	10.2		16	2	8	6	3	1	4	4	3	3				1			2	1					3.82	5.245		197	

ABBREVIATIONS

C.A.A - CORRUGATED ALUMINUM INLET
C.B - CATCH BASIN
C.S. - CORRUGATED STEEL
D.I. - DROP INLET
G.D.I. - GRATED DROP INLET
P.D.P.E. - HIGH DENSITY POLYETHYLENE
J.B. - JUNCTION BOX
M.H. - MANHOLE
N.S. - NARROW SLOT
P.V.C. - POLYVINYL CHLORIDE
R.C. - REINFORCED CONCRETE
T.B.D.I. - TRAFFIC BEARING DROP INLET
T.B.J.B. - TRAFFIC BEARING JUNCTION BOX
W.S. - WIDE SLOT