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NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

PROJECT NO.	SHEET NO.
R-3825B	3D-6

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 / SIZE / THICKNESS OR GAUGE	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) 15	18	24	30	36	42	DO NOT USE RCP	DO NOT USE CSP	DO NOT USE CAAP	DO NOT USE HDPE	DO NOT USE PVC
L 120+71	41 LT	1211		192.8														
		1211	1212		190.0	183.8												
L 119+00	41 LT	1212		186.6														
		1212	1213		183.8	178.4												
L 117+50	41 LT	1213		181.1														
		1213	1214		178.4	174.8												
L 116+50	41 LT	1214		177.6														
		1214	1215		174.6	172.5	0.6		56									
		1216	1220		196.0	193.8	0.6											
L 114+27	72 LT	1219		166.7														
		1219	1218		163.7	163.0												
L 123+04	27 LT	1220																
		1220	1221		193.8	189.3												
L 122+71	47 RT	1221																
		1221	1217		189.3	187.5												
L 127+10	56 LT	1301		199.6														
		1301	1302		196.9	190.0		96										
L 129+48	55 LT	1303		198.3														
		1303	1304		195.5	192.0		52										
L 128+50	82 LT	1305		193.0														
		1305	1337		189.5	188.0	0.4											
L 127+00	58 RT	1307		199.7														
		1307	1308		196.9	183.0		132						X			X	X
L 128+93	42 RT	1309		199.7														
		1309	1310		196.9	183.0												
Y10C 13+44	21 RT	1311		197.8														
		1311	1312		194.8	194.6												
Y10C 13+45	21 LT	1312		198.0														
		1312	1313		194.6	190.6		88										
L 131+19	39 LT	1313		193.6														
		1313	1316		190.5	190.0	0.4	56										
L 129+91	8 LT	1314		198.3														
		1314	1315		195.1	190.7												
L 131+40	8 LT	1315		193.9														
		1315	1313		190.7	190.5												
L 133+00	58 RT	1317		186.9														
		1317	1319		184.1	165.4	0.6											
L 134+50	42 RT	1318		187.0														
		1318	1319		183.1	165.4		64						X			X	X
L 134+50	105 RT	1319		169.0														
		1319	1321		165.4	163.5	1.9	40										
L 135+76	42 RT	1320		186.5														
		1320	1318		183.7	183.1		124										
L 134+50	56 LT	1322		184.7														
		1322	1325		181.9	170.4	2.8	104						X			X	X
L 135+76	42 LT	1323		186.5														
		1323	1324		183.7	183.6		24										
L 135+50	42 LT	1324		186.5														
		1324	1325		183.6	170.4		52						X			X	X
L 135+50	93 LT	1325		174.0														
SHEET TOTALS								832	56									

| LINE & STATION / SIZE / THICKNESS OR GAUGE | C. S. PIPE 15 .064 | 18 .064 | 24 .064 | 30 .079 | R. C. PIPE CLASS IV 15 | 18 | 24 | 30 | 36 | 42 | 48 | WELDED STEEL PIPE GRADE B 0.5" THICK 15 IN SOIL | 18 IN SOIL | 24 IN SOIL | 30 IN SOIL | 36 IN SOIL | 42 IN SOIL | 48 IN SOIL | 15 NOT IN SOIL | 18 NOT IN SOIL | 24 NOT IN SOIL | 30 NOT IN SOIL | 36 NOT IN SOIL | 42 NOT IN SOIL | 48 NOT IN SOIL | 15" TEMPORARY PIPE | 18" TEMPORARY PIPE | 24" TEMPORARY PIPE | ENDWALLS STD. 826.01 TO STD. 826.11 (UNLESS NOTED OTHERWISE) CY | REINFORCED ENDWALLS CY | DRAINAGE STRUCTURE MASONRY CY | QUANTITIES FOR DRAINAGE STRUCTURES NOTE: TOTAL LIN. FT. FOR PAY QUANTITY SHALL BE A + (1.3 X B) 0' THRU 5' EACH | A 5' THRU 10' LIN. FT. | B 10' AND ABOVE LIN. FT. | C.B. STD. 840.01 OR STD. 840.02 | FRAME, GRATES, AND HOOD STD. 840.03 GRATE TYPE E | F | G | CONCRETE TRANSITIONAL SECTION D.I. STD. 852.04 OR STD. 852.05 | OR DETAIL SHEET 2C-2 | C.B. STD. 852.05 | D.I. STD. 840.14 OR STD. 840.15 | D.I. FRAME AND GRATES STD. 840.16 | G.D.I. TYPE "A" STD. 840.17 OR STD. 840.26 | G.D.I. TYPE "B" STD. 840.18 OR STD. 840.27 | G.D.I. TYPE "D" STD. 840.19 OR STD. 840.28 | G.D.I. (N.S. SAG) FRAME W/ GRATE STD. 840.24 | 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 | J.B. STD. 840.31 OR STD. 840.32 | T.B.J.B. STD. 840.34 | T.B.D.I. STD. 840.35 | TEMP STEEL PLATE COVER PSH 2C-8 | M.H. FRAME AND COVER STD. 840.54 | T.B.J.B. SPECIAL DETAIL PSH 2C-6 | 15" PIPE END SECTION | 18" CROSS PIPE END SECTION | ADJUST C.B. | 15" DRAINAGE PIPE ELBOW | 18" DRAINAGE PIPE ELBOW | 24" DRAINAGE PIPE ELBOW | 15" C.S. ELBOW | BERM DITCH OUTLET STD. 850.10 (PER EACH) | BERM DITCH OUTLET STD. 850.11 (PER EACH) | FLOWABLE FILL CY | CONCRETE COLLARS CL. "B" STD. 840.72 (L CY | PIPE REMOVAL LIN. FT. | REMARKS |
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