PCDU60HU

COMPUTED BY:	SMB	DATE:	04/21/2021
CHECKED BY:	DM	DATE:	04/21/2021

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

PROJECT NO.	SHEET NO.
R-2233BB	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	48	DO NOT USE RCP	DO NOT USE CSP	DO NOT USE CAAP	DO NOT USE HDPE	DO NOT USE PVC
L3 807+50	72 LT	0810		978.8															
		0810	0811		976.1	973.0		44								X	X		
L3 807+00	72 RT	0812		980.6															
		0812	0815		977.8	973.0	0.4	52								X	X		
L3 808+00	0 CL	0813		978.0															
		0813	0900		968.1	966.0													
798+16	230 LT	0814		936.5															
		0814	0800		931.0	922.0	4.4												
L3 807+64	88 RT	0816		971.5															
		0816	0813		971.5	968.1													
L3 797+20	234 LT	0818		934.0															
		0818	0817		931.9	922.0	0.4												
L3 798+42	198 RT	0819		951.5															
		0819	0820		948.5	925.0	1.1												
L3 808+37	90 LT	0900																	
L3 811+50	61 LT	0901		972.2															
		0901	0907		965.8	965.4	0.3												
L3 811+45	62 RT	0902		972.0															
		0902	0903		967.0	966.4	0.9												
L3 811+45	0 CL	0903		972.6															
		0903	0901		966.4	965.8	0.9												
L3 815+00	0 CL	0905		971.1															
		0905	0926		967.5	965.8													
Y19 19+30	45 RT	0907		979.0															
		0907	2511		965.4	952.1	0.3												
Y19 22+20	58 RT	0908		992.8															
		0908	0924		987.8	986.8	0.8				88					X	X		
Y19 22+20	14 RT	0909		1000.2															
		0909	0908		996.0	987.8	0.5			44					X				
Y19 24+50	14 LT	0910		1004.5															
		0910	0911		1001.5	996.3	0.8												
Y19 22+20	14 LT	0911		1000.2															
		0911	0909		996.3	996.0	0.9												
L3 814+75	0 CL	0915	0914		962.0	930.0													
Y20A 14+03	14 RT	0918		986.0															
		0918	0919		986.0	972.6						40			X				
L3 819+64	72 RT	0919		976.1															
		0919	0920		971.9	969.9	0.3												
L3 819+64	0 CL	0920		977.4															
		0920	0921		969.9	969.4	0.4												
L3 819+64	72 LT	0921		979.3															
		0921	1006		969.4	967.8	0.4					268				X	X		
L3 809+50	0 CL	0922		974.9															
		0922	0813		972.2	968.5													
L3 811+45	115 RT	0924		994.5															
		0924	0902		986.8	967.5	0.8				52				X				
L3 813+88	57 RT	0925		971.2															
		0925	0926		966.7	965.8													
L3 815+00	58 RT	0926		971.8															
		0926	0913		965.8	963.0													
SHEET TOTALS								96	44	140	308								
PROJECT TOTALS								2484	1796	1328	1036	264	32						

| STRUCTURE NUMBER FROM | TO | C. S. PIPE .064 | 12 | .064 | 15 | .064 | 18 | .064 | 24 | .079 | 30 | .079 | 36 | .109 | 42 | R. C. PIPE CLASS III 12 | 15 | 18 | 24 | 30 | 36 | 42 | 48 | R. C. PIPE CLASS IV 12 | 18 | 30 | 36 | 42" WELDED STEEL, PIPE 0.625" THICK, GRADE B IN SOIL | 36" WELDED STEEL, PIPE 0.500" THICK, GRADE B NOT IN SOIL | ENDWALLS STD. 838.01 OR STD. 838.11 (UNLESS NOTED OTHERWISE) 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. 852.06 | C.B. STD. 852.05 | OPEN THROAT C.B. STD. 840.04 OR STD. 840.05 | 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. (W.S. FLAT) FRAME WITH GRATE STD. 840.20 | G.D.I. (W.S. FLAT) FRAME W/ 2 GRATES STD. 840.20 | G.D.I. (W.S. SAG) FRAME W/ GRATE STD. 840.22 | G.D.I. (W.S. SAG) FRAME W/ 2 GRATES STD. 840.22 | 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 | T.B.D.I. FOR STEEL GRATES STD. 840.36 | STEEL FRAME WITH TWO GRATES STD. 840.37 | 8" SLUICE GATE | 8" HPDE SPRING BOX PIPE (LIN. FT) | SPRING BOX STD. 840.41 | M.H. STD 840.51, STD 840.52, OR STD 840.53 | M.H. FRAME AND COVER STD. 840.54 | 15" C.S. ELBOW | 18" C.S. ELBOW | BERM DRAIN OUTLET STD. 850.10 (CY) | BERM DRAIN OUTLET STD. 850.11 (CY) | ENERGY DISSIPATION BASIN | PIPE CLEANOUT EA | FLOWABLE FILL CY | CONCRETE COLLARS CL. "B" STD. 840.72 CY | CONCRETE AND BRICK PIPE PLUG STD. 840.71 CY | PIPE REMOVAL LIN. FT. | REMARKS |
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