LL19308

COMPUTED BY: JAM DATE: 02/25/2025

CHECKED BY: VGG DATE: 02/27/2025

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

PROJECT NO.	SHEET NO.
BL-0008	3D-1

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 FROM	STRUCTURE NUMBER TO	TOP ELEVATION FT.	INVERT ELEVATION FT.	INVERT ELEVATION FT.	% MINIMUM REQUIRED SLOPE	Drainage Pipe (RCP, CSP, CAAP, HDPE, PVC, or PP PIPE) SIZE 12	15	18	24	30	36	R. C. PIPE CLASS III SIZE 12	15	18	24	30	36	R. C. PIPE CLASS IV SIZE 12	15	18	24	30	36	42	48	STRUCTURAL PLATE PIPE SIZE 60	66	72			
L1 84+40	0	0401	0402		2124.3	2124.0								28																		
L1 88+20	0	0501	0502		2112.8	2112.5								32																		
L1 90+80	0	0601	0602		2102.8	2101.8														24												
L1 98+50	0	0701	0702		2067.1	2066.9										36																
L1 103+30	0	0801	0802		2068.8	2068.5														28												
L1 110+70	0	1001	1002		2069.0	2068.4								32																		
L1 114+67	0	1003	1004		2068.7	2068.5								32																		
L1 122+47	0	1201	1202		2071.0	2070.6								32																		
L1 127+22	0	1301	1302		2071.1	2070.9										32																
L1 130+66	0	1401	1402		2074.2	2074.0								36																		
L1 139+40	0	1501	1502		2073.8	2073.6														28												
L1 142+47		1601	1602		2077.0	2075.0																		44								42
L1 151+85	0	1801	1802		2073.8	2073.6										32																
L1 154+95	0	1803	1804		2070.6	2070.4																			28							
L1 162+05	0	2001	2002		2076.8	2076.6								32																		
L1 167+02	21	2101	2102		2080.2	2079.8								32																		
L1 171+80	0	2201	2202		2082.7	2082.2								32																		
SHEET TOTALS														288	100					80				44		28						42
PROJECT TOTALS														288	100					80				44		28						42

##" R.C. PIPE CULVERTS, CONTRACTOR DESIGN	##" R.C. PIPE CULVERTS, CONTRACTOR DESIGN	##" R.C. PIPE CULVERTS, CONTRACTOR DESIGN	##" x ##" C.S. PIPE ARCH CULVERTS, ##" THICK	##" x ##" C.S. STRUCTURAL PLATE PIPE ARCH, ## GAUGE	##" WELDED STEEL PIPE ##" THICK, GRADE ## IN SOIL	##" WELDED STEEL PIPE ##" THICK, GRADE ## NOT IN SOIL	##" WELDED STEEL PIPE ##" THICK, GRADE B (UNDER RR)			15" SIDE DRAIN PIPE	ENDWALLS STD. 838.11 (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. 852.06	C.B. STD. 852.05	OPEN THROAT C.B. STD. 840.04 OR STD. 840.05	CONCRETE BRIDGE APPROACH D.I. STD. 840.13	D.I. STD. 840.14 OR STD. 840.15	ADJUST C.B.	ADJUST D.I.		BERM DITCH OUTLET STD. 850.10 (PER EACH)	BERM DITCH OUTLET STD. 850.11 (PER EACH)		##" SLUICE GATE (##" SIZE SLUICE GATE)		MODIFIED CONC. FLUME	PREFORMED SCOUR HOLE (PER EACH)	ENERGY DISSIPATION BASIN		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