JSTANOVICH

COMPUTED BY: Jake Stanovich DATE: 06/23/2021

CHECKED BY: Will Hines, PE DATE: 06/23/2021

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

PROJECT NO.	SHEET NO.
I-5878	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	OFFSET	STRUCTURE NUMBER FROM	STRUCTURE NUMBER TO	TOP ELEVATION FT.	INVERT ELEVATION FT.	INVERT ELEVATION FT.	MINIMUM REQUIRED SLOPE %	Side Drain Pipe (RCP, CSP, CAAP, HDPE, or PVC) SIZE: 15	18	24	30	36	42	48	Side Drain Pipe THICKNESS OR GAUGE: 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 18	24	30	36	R. C. PIPE CLASS IV 15	18	24	30	36	42	48	R. C. PIPE CLASS V 12	15	18	24	36	42
		1915	1916		210.4	210.3																		4										
LREV 1009+98	2 RT	1916		214.4																														
		1916	1917		210.3	209.2																		72										
LREV 1009+98	74 RT	1917		212.9																														
		1917	1960		209.2	209.1																		16										
		1918	1919		208.6	195.4	6.3	68							X		X	X	X															
LREV 1008+00	74 RT	1918		217.3																														
LREV 1012+00	1 LT	1920		209.1																														
		1920	1921		205.4	205.3																		4										
LREV 1012+00	2 RT	1921		209.3																														
		1921	1923		205.3	202.0																		172										
LREV 1013+70	1 LT	1922		205.8																														
		1922	1923		202.1	202.0																		4										
LREV 1013+70	2 RT	1923		206.1																														
		1923	1925		202.0	199.4																		172										
LREV 1015+40	1 LT	1924		203.2																														
		1924	1925		199.5	199.4																		4										
LREV 1015+40	2 RT	1925		203.5																														
		1925	1927		199.4	196.8	0.5																	176										
LREV 1017+15	1 LT	1926		200.6																														
		1926	1927		196.6	196.5																			4									
LREV 1017+15	2 RT	1927		200.7																														
		1927	1929		196.5	190.7	0.7																		396									
LREV 1021+09	2 LT	1928		194.7																														
		1928	1929		190.9	190.8																		8										
LREV 1021+09	2 RT	1929		194.7																														
		1929	2002		190.7	184.5	1.2																		396									
		1930	1979		190.1	189.5																176												
SBCD 35+00	44 LT	1930		195.4																														
Y15 20+08	46 RT	1931		201.1																														
		1931	1933		197.8	196.6	0.5																		140									
Y15 21+52	5 RT	1932		202.0																														
		1932	1933		195.5	195.3																							44						
Y15 21+52	50 RT	1933		200.4																														
		1933	1936		195.3	194.6	0.3																						152						
Y15 23+28	7 LT	1934		200.7																														
		1934	1935		197.5	197.4																		20										
Y15 23+07	7 LT	1935		201.0																														
		1935	1936		197.4	195.8																		56										
		1936	1937		194.6	188.3	0.4																						160						
Y15 23+07	50 RT	1936		199.1																														
Y15 20+25	63 LT	1938		197.4																														
		1938	1939		197.3	197.2																		8										
		1939	1962		196.6	196.4																					40								
Y15 20+25	56 LT	1939		202.2																														
		1940	1932		195.7	195.5																							72						
Y15 21+52	67 LT	1940		202.8																														
Y15 25+79	5 RT	1941		198.4																														
		1941	1944		195.1	194.4																		68										
Y15 26+50	80 RT	1943		187.7																														
SHEET TOTALS								68														176		924	796	40	428							

QUANTITIES FOR SEALED DRAINAGE STRUCTURES NOTE: TOTAL LIN. FT. FOR PAY QUANTITY SHALL BE A + (1.3 X B)	A	B
	0' THRU 5'	5' THRU 10'	10' AND ABOVE
CY			
6.000	23	8.2	

QUANTITIES FOR DRAINAGE STRUCTURES NOTE: TOTAL LIN. FT. FOR PAY QUANTITY SHALL BE A + (1.3 X B)	A	B
	0' THRU 5'	5' THRU 10'	10' AND ABOVE
EACH	LIN. FT.	LIN. FT.
	3		3

ENDWALLS STD. 838.01 OR STD. 838.11 (UNLESS NOTED OTHERWISE)	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 W/ 2 GRATES STD. 840.20	G.D.I. (W.S. SAG) FRAME W/ 2 GRATES STD. 840.22	G.D.I. (N.S. SAG) FRAME W/ 2 GRATES STD. 840.24	G.D.I. (N.S. FLAT) FRAME W/ GRATE STD. 840.29	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	TEMPORARY 1" STEEL COVER	M.H. FRAME AND COVER STD. 840.54	15" C.S. ELBOW	18" C.S. ELBOW	24" C.S. ELBOW	BERM DITCH OUTLET STD. 850.11 (PER EACH)	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
					1							1																						
					1							1		1																			
					1	3.7						1		1																			
					1																			1	1								
					1							1																					
					1																			1	1								
					1							1																					
					1																			1	1								
					1							1																					
					1																			1	1								
					1							1																					
					1	0.3										1						1											
					1		1		1																								
					1	1.5					1		1	1																			
					1		1		1																								
					1	2.1										1		1															
					1						1		1	1																			
6.000																																		
6.000	23	8.2		3		3		4		4	4	1	9		2	1		2		2	4	11			2					0.3990			

ABBREVIATIONS

C.A.A.	CORRUGATED ALUMINIUM ALLOY
C.B.	CATCH BASIN
C.S.	CORRUGATED STEEL
D.I.	DROP INLET
G.D.I.	GRATED DROP INLET
H.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