COMPUTED BY: D.R.Ethridge DATE: 4/26/2022
CHECKED BY: D.R.Ethridge DATE: 4/26/2022

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

PROJECT NO.	SHEET NO.
U-6223	3D-3

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)

STATION / SIZE / THICKNESS OR GAUGE	LOCATION (LT, RT, OR CL)	STRUCTURE NO. FROM	STRUCTURE NO. TO	TOP ELEVATION	INVERT ELEVATION	INVERT ELEVATION	SLOPE CRITICAL	DRAINAGE PIPE (RCP, CSP, CAAP, HDPE, or PVC) 12"	15"	18"	24"	30"	36"	42"	48"	DO NOT USE RCP	DO NOT USE CSP	DO NOT USE CAAP	DO NOT USE HDPE	C.S. PIPE 12" .064	15" .064	18" .064	24" .064	30" .079	36" .079	42" .109	48" .109	R.C. PIPE CLASS III 12"	15"	18"	24"	30"	36"	42"	48"	R.C. PIPE CLASS IV 12"	15"	18"	24"	30"	36"	42"	48"
-Y2- 13+04.06	RT	605																																			28'						
-Y2- 13+70.42	RT	604																																			28'						
-Y4- 10+87.44	RT	751																																			28'						
-Y4- 11+69.99	LT	750		316.50'	313.50'																																72'						
SHEET 3D-3 TOTAL																																					156'						
SHEET 3D-1 TOTAL																																					332'	568'	280'		40'		
SHEET 3D-2 TOTAL																																					1404'						
SHEET 3D-4 TOTAL																																											
PROJECT TOTAL																																					1892'	568'	280'		40'		
SAY																																											

STATION / SIZE / THICKNESS OR GAUGE	18" R.C. PIPE (CLASS V)	24" R.C. PIPE (CLASS V)	ENDWALLS STD. 838.01 OR STD. 838.11 (UNLESS NOTED OTHERWISE) CU. YARDS R.C.P.	C.S.P.	QUANTITIES FOR DRAINAGE STRUCTURES *TOTAL L.F. FOR PAY QUANTITY SHALL BE COL. "A" + (1.3 X COL. "B") PER EACH (0' THRU 5.0')	LIN. FT. A 5.0' THRU 10.0'	B 10.0' AND ABOVE	C.B. STD. 840.01 OR STD. 840.02	FRAME, GRATES, AND HOOD STANDARD 840.03 TYPE OF GRATE E	F	G	CONCRETE TRANSITIONAL SECTION DROP INLET	CATCH BASIN	D.I. STD. 840.14 OR STD. 840.15	D.I. FRAME & GRATE STD. 840.16	GRATED D.I. TYPE "B" STD. 840.18 OR 840.27	FRAME WITH TWO WIDE SLOT FLAT GRATES STD. 840.20	FRAME WITH TWO WIDE SLOT SAG GRATES STD. 840.22	FRAME WITH TWO NARROW SLOT SAG GRATES STD. 840.24	T.B. GRATED D.I. STD. 840.35	FLOWABLE FILL (CY)	PIPE CLEAN OUT (EA)	CONC. & BRICK PIPE PLUG, C.Y. STD. 840.71	CONC. COLLARS CL. "B" C.Y. STD. 840.72	PIPE REMOVAL LIN. FT.	REMARKS
-Y2- 13+04.06																															21'	
-Y2- 13+70.42																															20'	
-Y4- 10+87.44																															24'	
-Y4- 11+69.99					1			1			1																				
SHEET 3D-3 TOTAL					1			1			1																				65'	
SHEET 3D-1 TOTAL		84'			7			3	2	1			1	1	1	1	1	1	2												609'	
SHEET 3D-2 TOTAL	160'				11			5		2	3	4		4	4		1	1		2											154'	
SHEET 3D-4 TOTAL												1			1																	FROM PIPES 54" AND OVER
PROJECT TOTAL	160'	84'			19			9	2	3	4	5		5	6	1	2	2	1	4											828'	
SAY																													1	1		

ABBREVIATIONS

C.B.	CATCH BASIN
N.D.I.	NARROW DROP INLET
D.I.	DROP INLET
G.D.I.	GRATED DROP INLET
G.D.I.(N.S.)	GRATED DROP INLET (NARROW SLOT)
J.B.	JUNCTION BOX
M.H.	MANHOLE
T.B.D.I.	TRAFFIC BEARING DROP INLET
T.B.J.B.	TRAFFIC BEARING JUNCTION BOX