COMPUTED BY:
 MJB
 DATE:
 1/16/2023

 CHECKED BY:
 ASB
 DATE:
 11/7/2023

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION DIVISION OF HIGHWAYS

PROJECT REFERENCE NO. SHEET NO. R-2577A 3D-22

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,	ENDWA	ALLS,	ETC	(FO)	R PIP	ES	4899	&	UNDER)	

		1		1		1		- 1																			1 1 1	T		I I	
LINE & STATION	_	STRUCTURE NO.	TION	ATION	/ATION	(RCP, CSP, CA	SIDE DRAIN PIPE (RCP, CSP, CAAP, HDPE, PP or PVC)		C.S. PIPE		R.C. PIPE CLASS III	R.C. PIPE CLASS IV	PIPE AS NOTED	STD. STD. (UN	WALLS . 838.01 OR . 838.11 ILESS DTED RWISE)	QUANTITIES FOR DRAINAG STRUCTURES *TOTAL L.F. FOR QUANTITY SHALL B 'A' + (1.3 X COL.'		FRAME, GRATES, AND HOOD STANDARD 840.03	CONCRETE TRANSITIONAL SECTION	- I		40.20	. 840.29								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.) (NARROW SLOT)
SIZE	OFFSET		OP ELEVA	ERT ELEV	ERT ELEV JM REQUI	15" 18" 24" 30"		U	15" 18" 24" 30" 3	36" 42" 48" 15" 1	8" 24" 30" 36" 42" 4	3" 15" 18" 24" 30" 36	5" 24" 24" 30" 30" 48"	48" CU.	YARDS	A	FT.					ES STD. 8. 3. 840.22 ES STD. 8.	TES. STD 840.30		37				840.71		J.B. JUNCTION BOX M.H. MANHOLE T.B.D.I. TRAFFIC BEARING
THICKNESS OR GAUGE		FROM	01	ANI	INII %		DO NOT USE RCP DO NOT USE CSP	F USE CAAP HDPE, PP, OR PV	.064	.109 .109			nchles nchles hless	Trenchless W.S. (NOT IN SOIL) R.C.P.	C.S.P.	PER EACH (0' THRU 5.0') 5.0' THRU 10.0'	10.0' AND ABOVE	C.B. STD. 840.01 OR STD. 840.02 a b c d d d d d d d d d d d d	DROP INLET CATCH BASIN	D.I. STD. 840.14 OR STD. 840.15 D.I. FRAME AND GRATE STD. 840.16	G.D.I. TYPE "A" SID. 840.17 OK 840.26 G.D.I. TYPE "B" STD. 840.18 OR 840.27 G.D.I. TYPE "D" STD. 840.19 OR 840.28	G.D.I. FRAME WITH TWO FLAT GRATE G.D.I. FRAME WITH TWO GRATES STE G.D.I. (N.S.) FRAME WITH TWO GRATE	G.D.I. (N.S.) FR. WITH TWO FLAT GRA DRIVEWAY DROP INLET LIN. FT. STD. SPRING BOX, STD. 840.41	J.B. STD. 840.31 OR 840.32 TBJB STD. 840.34	T.B.D.I. STD. 840.35 STEEL GRATE AND FRAME STD. 840.37 M.H. FRAME AND COVER STD. 840.54	ADJUST MH ADJUST CB BERM DRAINAGE OUTLET	OTCB STD. 840.04 OR 840.05 FLOWABLE FILL (CY)	C.S. PIPE ELBOWS NO. & SIZE	CONC. & BRICK PIPE PLUG, C.Y. STD.	PIPE REMOVAL LIN. FT.	DROP INLET T.B.J.B. TRAFFIC BEARING JUNCTION BOX REMARKS
SHEET 21 - L2- 213+35.43	-51 LT	2016	967.0													1	7-	1 1													
- L2- 213+35.43	-51 LT	2016	2101	963.0	961.0 0.59	6						140																			
- L2- 214+75.43 - L2- 214+75.43	-41 LT -41 LT		965.0 2102	_	957.5 0.59	6						228				1		1 1													
- L2- 217+00.49 - L2- 217+00.49	-59 LT -59 LT	2102 2102	961.5 2122		955.7 0.5%	6						52				1		1 1													
- L2- 219+00.49	-40 LT	2103	958.4									101				1		1 1													
- L2- 219+00.49 - L2- 218+07.00	-40 LT -81 LT	2103 2 2125	2125 959.0	954.4	954.0 0.5%	6						104				1 0.0		1 1													
- L2- 218+07.00 - L2- 217+50.00	-81 LT		2122 2122		953.7 0.59 954.9 0.49	6					28	56																			
- L2- 217+50.00	-72 LT	2122	959.7								20					1 1.7		1 1													
- L2- 217+50.00 - L2- 217+52.00	-72 LT 12 RT	2122 2 2121	2121 961.4	953.0	952.6 0.5%	6					84					1 3.8			1	1 1											
- L2- 217+52.00	12 RT	2121 : 2124	2124 960.5	_	952.4 0.59	6					68					1 21			1	1 1										04	
- L2- 218+20.53 - L2- 218+20.53	8 RT		2104	952.4	952.3 0.5%	6					32					1 3.1														91	
- L2- 218+23.15 - L2- 218+23.15	64 RT 64 RT	2110 2110	956.8 2118		944.0 0.49	6					28					1 5.0	2.7							1	1						
- L2- 220+50.49	-38 LT	2111	956.1													1		1 1													
- L2- 220+50.49 - L2- 223+05.12	-38 LT -38 LT	2111 <i>2</i> 2106	2106 948.0	+	944.0 0.49	6						256				1		1 1													
- L2- 223+05.12	-38 LT	2106	2107	944.0	936.3 0.5%	6						196																			
- L2- 224+99.68 - L2- 224+99.68	-38 LT -38 LT	2107 2107	940.3	936.3	931.5 0.5%	6						220				1		1 1													
- L2- 220+00.00	38 RT	2112	956.9	_	050.0.0.40	,						200				1		1 1												40	
- L2- 220+00.00 - L2- 222+05.61	38 RT	2112 2 2113	2113 956.0		952.0 0.49	6						208				1		1 1												42	
- L2- 222+05.61 - L2- 225+00.49	38 RT		2119 940.3	_	936.3 0.5%	6						296				1		1 1													
- L2- 225+00.49	38 RT 38 RT	2119	2205	936.3	932.5 0.5%	6						152				'															
- L2- 213+50.00 - L2- 213+50.00	41 RT	2108 2108	966.9 2109		959.3 0.5%	6						236				1		1 1													
- L2- 215+82.00	41 RT	2109	963.3									200				1 0.9		1 1													
- L2- 215+82.00 - L2- 218+22.24	41 RT 41 RT	2109 2 2104 2		_	954.3 0.5% 952.2 0.6%					36	24																				
				1 2 2 1 0	1 3.37																										
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3D-22 SHEET TOTALS		 			+ +			+		36	236 28	2144			+	17 14	5 2.7	14 1 5	8 2	2 2				1	1		++			133	
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