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-15

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" & UNDER)

1	1		<u> </u>					Т						9 12/1													I I					
LINE & STATION	_	STRUCTURE NO.	, of F	NOTA	ATION	IRED SLOPE	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. 8 O STD. 8 (UNL NOT OTHER	338.01 R 338.11 ESS ED	QUANTITIES FOR DRAINAGE STRUCTURES  *TOTAL L.F. FOR PAY QUANTITY SHALL BE COL. 'A' + (1.3 X COL.'B')		FRAME, GRATES, AND HOOD STANDARD 840.03	CONCRETE TRANSITIONAL SECTION			40.24	. 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	OFFSE		70 13 00	OF ELEVA	ERT ELEN	IM REQU	" 18" 24" 30"		S	15" 18" 24" 30"	36" 42" 48" 15" 1	8" 24" 30" 36" 42" 48	3" 15" 18" 24" 30" 3	36" 24" 24" 30"	30" 48"	48" CU. Y	ARDS	A	FT.					S STD. 8. 9. 840.22 S 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		VNI NI 20	DMINIM %	DO NOT USE RCP	DO NOT USE CSP	I USE CAAP HDPE, PP, OR PV	.064	.109 .109			×   v   ×	&   &   &   &	Trenchless W.S. (NOT IN SOIL) R.C.P.	C.S.P.	PER EACH (0' THRU 5.0') 5.0' THRU 10.0'	5.0' THRU 10.0' 10.0' AND ABOVE C.B. STD. 840.01 OR STD. 840.02	C.B. STD. 840.01 OR STD. 840.02  a	DROP INLET	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 OR 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 STD 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	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 13 (cont.) - Y10- 12+10.00	15 RT	1305	902	7														1	-	1 1						7 -	<u> </u>		J		-	
- Y10- 12+10.00	15 RT	1305	1306	89	8.7 897.5 0.	.5%							64					1														
- Y10- 11+50.00 - Y10- 11+50.00	18 RT 18 RT	1306 1306	1307		7.5 897.2 O.	.4%							80					1		1 1												
- Y10- 10+75.00 - Y10- 10+75.00	31 RT	1307 1307	903		6.5 890.9 0.	60/							104					1 1.5		1 1												
- L- 111+20.00	49 RT	1301	895	5.6		.0 /0							104					1		1 1												
- L- 111+20.00 - L- 120+75.00	49 RT 41 RT	1301 1321	1229 928		0.9 885.3 0.	.6%			+				124					1		1 1												
- L- 120+75.00	41 RT	1321	1322	92	4.3 921.8 0.	.5%							176																			
- L- 119+00.00 - L- 119+00.00	64 RT 64 RT	1328 1328	1322	_	9.7 919.6 O.	.5%							24					1					1	1								
- L- 119+00.00	41 RT	1322	925		0.0 040.0 0	00/							04					1 1.2		1 1								5				
- L- 119+00.00 - L- 120+75.00	-41 R1	1322 1323	1324 928	_	9.6 919.2 0.	.6%							84					1		1 1												
- L- 120+75.00	-41 LT		1324	_	4.3 921.8 0.	.5%							176					1 16		1 1												
- L- 119+00.00 - L- 119+00.00	-41 LT		1325		9.2 918.3 0.	.7%							152					1 1.6														
- L- 117+50.00 - L- 117+50.00	-45 LT	1325	1326	3.3		.8%			+				132					1 0.0		1 1								+++				
- L- 116+20.00	-43 LT	1326	919	_	0.3 913.4 0.	.0 /0							132					1		1 1												
- L- 116+20.00 -Y11- 13+70.00	-53 LT	1326 1316	1327	91	5.4 911.6 0.	.9%	24				52																	+			17	
-Y11- 13+70.00 -Y11- 13+21.00	28 RT	1317				24	24																								21	
-Y11- 13+20.00 - Y11- 12+17.00	-31 LT	1318 1319	1320	90	3.0 901.0 0.	5%	24		+				60															+++				
- Y11- 12+17.00	23 RT	1320	905	5.0														1					1	,							255	
- Y11- 12+17.00 - L- 112+53.45	23 RT	1320 1333	1332 897		1.0 893.0 0.	.5%			+			192						1				1 1										
- L- 112+53.45	-71 LT	1333			3.8 893.7 0.	.5%							32					·														
SHEET 14		+ +		+	+++				+ +																			+ + +				
- L- 125+54.00	-41 LT	1402	927		0.0 5:-	F2.												1		1 1												
- L- 125+54.00 - L- 127+51.97	-41 LT -82 LT	1435	1435	_	3.0 915.2 0.	.5%			+		204							1		1 1												
- L- 127+51.97	-82 LT	1435	1403	91	5.2 910.7 0.	.5%					104																					
- L- 128+50.00 - L- 128+50.00	-41 LT		1404 91 <sup>2</sup>		0.7 897.5 0.	.6%	+ + + +		+				324		+		+ +	1		1 1 1								+++				
- L- 131+75.23	-68 LT	1401	1404	89	5.4 895.3 0.	.5%						28						,														
- L- 131+74.00 - L- 131+74.00	-41 LT -41 LT	1404 1404	1409		5.3 894.7 0.	.6%			_				88					1 1.2		1 1 1												
- L- 126+00.00	41 RT	1405	925		40 0444	F0/							470					1		1 1												
- L- 126+00.00 - L- 127+72.15	41 RT 8 RT	1436	1437 918	92 3.9	1.3 911.4 0.	.5%			+				1/2				+ +	1			1	1 1						+++				<b> </b>
- L- 127+72.15	8 RT	1436	1437	91	4.5 911.4 0.	.1%					32							4														
- L- 127+72.15  3D-15 SHEET TOTALS	41 KI	1437	915	). <b>4</b>		48	8 24		_		392	220	1416 228 148					20 5.	<u> </u>	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	9 1	2 2	2		2			5			293	
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