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-7

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,	ENDW	ALLS,	ETC	(FO	PIPES	4899	U	JDE	$(\mathbb{R})$	

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LINE & STATION	±:	STRUCTURE NO.	ATION	VATION	VATION	IIRED SLOPE	(RCP, CSP, CA	RAIN PIPE AP, HDPE, PP (	or	C.S. PIPE	E	R.C. PIPE CLASS III			PIPE SS IV	PIP	PE AS NOTE	ED _	STD. 838.01 OR STD. 838.11 (UNLESS NOTED DTHERWISE	QUANTITIES FOR DRAINAG	TIN.	FRAMI GRATE AND HO STANDA 840.03	ES, DOD ARD	CONCRETE TRANSITIONAL SECTION		340.20	140.24 5. 840.29								C.B. N.D.I. D.I. G.D.I. G.D.I.(N.S.)	CATCH BASIN NARROW DROP INLET DROP INLET GRATED DROP INLET (NARROW SLOT) JUNCTION BOX			
SIZE	OFFSE		ELEV,	T ELE	XT ELE	15" 15"	18" 24" 30"		15" 18	' 24" 30" 36"	42" 48"	15"   18"   24"   30"   36"	42" 48"	15" 18" 24"	30" 36"	24" 24"	30" 30" 4	48" 48"	CU. YARDS		A B	-				ا ا	840.22 STD. 8 ES. STI	40.30					40.71		J.B. M.H. T.B.D.I.	MANHOLE TRAFFIC BEARING			
THICKNESS OR GAUGE		FROM	901	INVEF	INVEF	MINIMI %		DO NOT USE RCP DO NOT USE CSP DO NOT USE CAAP	OT USE HDPE, PP, OR PVC	.064	109					ess W.S. (IN SOIL) s W.S. (NOT IN SOIL)	ess W.S. (IN SOIL) s W.S. (NOT IN SOIL)	ess W.S. (IN SOIL) s W.S. (NOT IN SOIL)	R.C.P.	<b> </b>	.0. SOVE	0.01 OR STD. 840.02 GRAT GRAT GRAT GRAT GRAT GRAT GRAT GRAT		N 14 OR STD. 840.15	A" STD. 840.17 OR 840.26	B" STD. 840.18 OR 840.27 D" STD. 840.19 OR 840.28 WITH TWO FLAT GRATES	E WITH TWO GRATES STD. RAME WITH TWO GRATES R. WITH TWO FLAT GRATE	STD. 840.41	40.34 840.35	OCOVER STD. 84	IAGE OUTLET 40.04 OR 840.05	FILL (CY) BOWS NO. & SIZE	CK PIPE PLUG, C.Y. STD. 8	AL LIN. FT.	T.B.J.B.	DROP INLET TRAFFIC BEARING JUNCTION BOX			
									DO NO							Trenchle	Trenchle	Trenchle		PER EACH (0'	5.0' THRU 10.	C.B. STD. 840 Ta	G	CATCH BASI	D.I. FRAME A G.D.I. TYPE ",	G.D.I. TYPE "I G.D.I. TYPE "I G.D.I. FRAME	G.D.I. FRAME G.D.I. (N.S.) F G.D.I. (N.S.) F	DRIVEWAY D SPRING BOX,	TBJB STD. 840.3 T.B.D.I. STD. 840	M.H. FRAME, ADJUST MH	ADJUST CB BERM DRAIN OTCB STD. 8	FLOWABLE F	CONC. & BRI	PIPE REMOV/	R	REMARKS			
SHEET 8 (cont.) - L- 52+20.00	68 R1	Г 821 80	9	925.3	924.8 0	5%						20																				-							
- L- 52+20.00	50 R1	Г 809	929.6	020.0	324.0 0	.570						20								1		1 1																	
- L- 52+20.00	50 R1	<del> </del>		924.8	924.0 0	.5%						80								4	0.0			4 4															
- Y4- 10+87.45 - Y4- 10+87.45	1 R1	г 811 Г 811 81	929.8	924.0	923.5 0	.5%					+ + +	20									0.8			1 1							++	$\Box$	+	+					
- Y4- 11+50.00	32 R1	+ +	927.2																	1						1	1												
- Y4- 11+50.00 - Y4- 11+50.00	32 R1 -32 LT	<del></del>	927.2	923.9	923.7 0	.4%						64								1				++		1	1												
- Y4- 11+50.00	-32 LT	+ +	_	923.7	923.5 0	.4%						56																											
- Y4- 10+87.45	-21 LT	+ + + + + + + + + + + + + + + + + + + +	929.2																	1	0.8			1	1														
- Y4- 10+87.45 - L- 55+50.00	-21 LT	+ +	931.6	923.5	923.0 0	.4%						84								1					1 1							-	_						
- L- 55+50.00		+	+		927.0 0	.4%						24								+					<del>'   '   -</del>														
- L- 55+50.00	38 R1	+	933.7																	1	1.7	1	1																
- L- 55+50.00 - L- 54+50.00	38 R1 51 R1		931.5	927.0	925.5 0	.4%						100								1					1 1						+								
- L- 54+50.00	51 R1	+	+	928.3	925.6 1	.7%			16											+					<del>'   '   -</del>							2 @	15						
- L- 54+50.00	38 R1		931.6																	1	1.2	1	1																
- L- 54+50.00 - L- 53+77.00	38 R1		+	925.4 925.2							+ + +	76								+				+															
- L- 53+77.00	38 R1		930.5	925.2	923.3	.0 /0						20								1	2.6	1	1																
- L- 53+77.00	38 R1		1	922.9	920.9 0	.6%						28																						79	9				
- L- 53+10.00 - L- 53+10.00	8 R1		930.1	026.1	922.4 0	6%						64								1				1 1	1 1						+								
- L- 53+77.00	8 R1	+	930.6	920.1	322.4	7.0 70					+ + +	04								1	4.8		1	1 1	1 1														
- L- 53+77.00	8 R1	+ + + + + + + + + + + + + + + + + + + +	+	920.9	920.0 0	.6%						16																											
- L- 52+61.00 - L- 52+61.00	-6 LT		929.9	925.9	921.0 0	1%					+	116					+			1 1		1		1 1	1   1							<del>                                     </del>							
- L- 52+61.00 - L- 53+77.00	-8 LT	Г 844	930.6									110								1	5.0 1.1			1 1	1														
- L- 53+77.00	-8 LT	844 84	2	919.5	919.0 0	.6%						68																						44	1				
- L- 50+50.00 - L- 50+50.00	-38 <b> </b> LT	807	932.0	927.8	925.7 0	4%					+	148			++		+	+		1 1		1	1	++	++-					+++	++		-		-				
- L- 52+00.00	-38 LT	<del></del>	930.0	<i>521.0</i>	525.7															1_		1	1																
- L- 52+00.00	-38 LT	+ + + + + + + + + + + + + + + + + + + +	+	925.7	925.5 0	.4%					1	60																				<u> </u>							
- L- 52+61.00 - L- 52+61.00	-42 LT	<del></del>	929.7	925.5	919.6 0	.4%					+++	100			+		+	+		1 1		1 1 1	++	++	++-					+++	++	<del>                                     </del>	+		-				
- L- 54+50.00	-38 LT	+ + + - +	931.6	525.5	3.0.0															1		1 1																	
- L- 54+50.00	-38 LT	815 81		927.3	926.2 0	.4%						44									1.0																		
- L- 54+00.00 - L- 54+00.00	-86 LT -86 LT	Г 814 Г 814 84	929.8	923.5	919.6 0	4%			++		+	44			++		+	++		1 1	1.3	1 1	++	++	++-					+++	++	<del>                                     </del>	+	_	<del> </del>				
- L- 53+58.00		+	929.7	520.0	0,10.0	, ,														1	5.0 1.6	1 1																	
- L- 53+58.00	-74 LT	Г 842 84	1	918.1	913.9 0	.6%						48																											
- L- 53+52.50 - L- 53+52.50	-120 LT -120 LT		918.6	913.0	913.5 0	.6%					+	10			+ +		+			1			++	++	++-	1	1 1				+	<del>                                     </del>	-		1				
- L- 53+42.28	-120 LT	+	916.6	010.0	010.0	.0 /0			++	+ + +	+++	1 1 40			++-		$\dashv$			1		+ + +		++	++-					+++	1		+						
-L- 55+85.00	55 R1	Г 852				20																																	
- Y4- 12+50.73		<del>-    </del>	930.0	928.5	927.3 0						+	72			+		-			+				++								-		44	1				
-L- 55+50.00	-90 LT					64	+				+++	+++			+ +		+			+				++					+++	+++	++	<del>                                     </del>	+						
3D-7 SHEET TOTALS						84	1		16			968 120 112 208								22	23.2 2.	7 10 1 4	5	5	8 8	3	3				1	2 @	15	167	7				
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