DATE: 1/16/2023 COMPUTED BY: DATE: 11/7/2023 **CHECKED BY:** 

## NORTH CAROLINA DEPARTMENT OF TRANSPORTATION DIVISION OF HIGHWAYS

PROJECT REFERENCE NO. SHEET NO.

3D-3 R-2577A

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)

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	LINE & STATION		STRUCTURE NO.	TION	ATION	ATION		SIDE D (RCP, CSP, CA	or	C.S. PIPE		R.C. PIPE CLASS III			R.C. PIPE CLASS IV		PIPE AS NOTED			STD. 838.01 OR STD. 838.11 (UNLESS NOTED OTHERWISE)		QUANTITIES FOR DRAINAGE STRUCTURES *TOTAL L.F. FOR PAY QUANTITY SHALL BE COL. 'A' + (1.3 X COL.'B')		FRAN GRAT AND H STAND 840.	TES, OOD OARD	CONCRETE TRANSITIONAL SECTION			0.20	840.24 D. 840.29								C.B. N.D.I. D.I. G.D.I. G.D.I.(N.S.	CATCH BASIN  CATCH BASIN  NARROW DROP  INLET  DROP INLET  GRATED DROP INLE  (NARROW SLOT)	
	SIZE	OFFSET		TOP ELEVA	VERT ELEV	VERT ELEV	IUM REQUI	15" 18" 24" 30'		15" 1	8" 24" 30	36'' 42'' 48''	√5'' 18''	24" 30" 36"	42'' 48''	15" 18" 24	24" 30" 3	6" 24" 24'	30" 3					FT. B					27	TES STD. 84	ATES. STD. 84 ATES. STD D. 840.30		0.37	74			J. 840.71		J.B. M.H. T.B.D.I.	JUNCTION BOX MANHOLE TRAFFIC BEARING DROP INLET
	THICKNESS OR GAUGE		FROM		N	N	% MININ		DO NOT USE RCP DO NOT USE CSP DO NOT USE CAAP	DO NOT USE HDPE, PP, OR P.	.064	.109						Trenchless W.S. (IN SOIL)	Trenchless W.S. (IN SOIL)	Trenchless W.S. (NOT IN SOIL)  Trenchless W.S. (IN SOIL)  Trenchless W.S. (NOT IN SOIL)	R.C.P.	C.S.P. PER EACH (0' THRU 5.0')	THRU 10.0'	10.0' AND ABOVE	C.B. SI D. 840.01 OK SI D. 840.02  E GRA  TYPE  F F F F F F F F F F F F F F F F F F F	G G	CATCH BASIN	D.I. STD. 840.14 OR STD. 840.15  D.I. FRAME AND GRATE STD. 840.16	G.D.I. TYPE "A" STD. 840.17 OR 840.2 G.D.I. TYPE "B" STD. 840.18 OR 840.2 G.D.I. TYPE "D" STD. 840.19 OR 840.2	G.D.I. FRAME WITH TWO FLAT GRAT G.D.I. FRAME WITH TWO GRATES ST	G.D.I. (N.S.) FRAME WITH I WO GRAIG.D.I. (N.S.) FR. WITH TWO FLAT GR DRIVEWAY DROP INLET LIN. FT. STI	SPRING BOX, STD. 840.41  J.B. STD. 840.31 OR 840.32  TRIESTD 840.34	35 ID FRAN	M.H. FRAME AND COVER STD. 840.5 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. STI	PIPE REMOVAL LIN. FT.	T.B.J.B.	TRAFFIC BEARING JUNCTION BOX  REMARKS
	HEET 5 (cont.)																																							
	/1E- 15+58.00	30 RT	Γ 563 Γ 500			1	_	20									+		+				1 1			+				+ + +							<del> </del>			
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	- L- 4+50.00	-41 LT	Г 534	906.6	+		丁															1			1 1															
	- L- 4+50.00	-41 LT	+ + + + + + + + + + + + + + + + + + + +	3	902.4	895.0	0.4%	44			+		176				+		+				+ +		+												<u></u>			
	Y1A- 12+88.00 Y1E- 12+05.00	-29 LT 21 RT			1		+	32								+	++		++				+		++					+ + +							<del> </del>			
	- L- 11+44.15	-105 LT		3	904.0	900.5 1	1.9%	52					24																											
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	- L- 23+24.00 - L- 21+80.00	41 RT		926.8	922.8	321.1	J.J <sup>7</sup> 0			<del>                                     </del>	++		20				++		++	+++		1	+ +		1 1	+ $+$	++	++		+++	+				+ + +	-				
	- L- 21+80.00	41 RT	+	+	922.5	922.1 0	0.4%						68						<del>     </del>				<u>†</u>												<u> </u>	L		1		
	- L- 22+50.00	41 RT	Г 649	926.4																		1			1 1															
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70	- L- 23+71.00	2 RT		926.9															$\perp$			1	$\bot$				1	1 1												
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