COMPUTED BY:	MJB	DATE: 1/16/2023
CHECKED BY:	ASB	DATE: 11/7/2023

COMPUTED			AJB ASB	DATE: 1/16/2023 DATE: 11/7/2023				1/16/2023 11/7/2023 NORTH CAROLINA DEPARTMENT OF TRANSPORTATION R-														-2577A	3D-4										
Note: Invert E	'evations	s indic	ated ar	re for	- Bid I	Purp	poses only and shall ,	not				keout.See "Sta	andard Specifico	ations f	for F	Roads d	and Str	ructure	es, Sec	ction 3													
<b></b>				1	гт			Т	LIS	TOF	PIPES,	ENDWA	ALLS, ET	C. (F		R P	IPE	S 48	8" & 		JND		》 							1	<u>г т</u>		
LINE & STATION	Т	STRUCTURE NO.	ATION	VATION	VATION	RED SLOPE	SIDE DRAIN PIPE (RCP, CSP, CAAP, HDPE, PP or PVC)				R.C. PIPE CLASS III	R.C. PIPE CLASS IV	PIPE AS NOTED	ENDWALLS 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')		GR/ AND STAM	AME, ATES, HOOD NDARD 40.03	CONCRETE TRANSITIONAL SECTION			40.20 40.24	. 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)
SIZE	OFFSE			INVERT ELEV	INVERT ELEV		5" 18" 24" 30"	15	5" 18" 24" 30" 36" 4	42" 48" 15" 18"	24" 30" 36" 42" 48"	15" 18" 24" 30" 36"	24" 24" 30" 30" 48" 48	" CU. YAR	DS	A	FT. B				.16 10.26	10.27	RATES STD. 8 STD. 840.22 RATES STD. 8	GRATES. STD STD. 840.30		840.37 .0.54				STD. 840.71		J.B. M.H. T.B.D.I. T.B.J.B.	JUNCTION BOX MANHOLE TRAFFIC BEARING DROP INLET TRAFFIC BEARING
THICKNESS OR GAUGE		FROM	0		N 70	W %	DO NOT USE RCP DO NOT USE CSP DO NOT USE CSAP DO NOT USE CAAP O NOT USE HDPE, PP, OI	0 NOI 035 HDTE, FT, 0 .064	.004 .064 .079 .079	109			nchless W.S. (IN SOIL) hless W.S. (NOT IN SOIL) nchless W.S. (IN SOIL) hless W.S. (NOT IN SOIL) nchless W.S. (IN SOIL)	R.C.P.	C.S.P.	.H (0' THRU 5.0') J 10.0'	) ABOVE . 840.01 OR STD. 840.02		PE OF RATE	LET ASIN	840.14 OR STD. 840.15 ME AND GRATE STD. 840 PE "A" STD. 840.17 OR 84	PE "B" STD. 840.18 OR 84 PE "D" STD. 840.19 OR 84	AME WITH TWO FLAT GI AME WITH TWO GRATES S.) FRAME WITH TWO GI	S.) FR. WITH TWO FLAT VY DROP INLET LIN. FT. 20Y STD. 840.41	BOX, STD. 840.41 840.31 OR 840.32 D. 840.34	ITD. 840.35 RATE AND FRAME STD. ME AND COVER STD. 84	MH CB	XAINAGE OUTLET D. 840.04 OR 840.05 LE FILL (CY)	ELBOWS NO. & SIZE	BRICK PIPE PLUG, C.Y.	MOVAL LIN. FT.		
								<u> </u>					Trenci Trenci Trenci Trenci			PER EAC 5.0' THRI	10.0' ANE	C.B. STD T	F G	DROP IN CATCH E	D.I. STD. D.I. FRAN G.D.I. TYI	G.D.I. TYI G.D.I. TYI	G.D.I. FR G.D.I. FR G.D.I. (N.	G.D.I. (N. DRIVEW/ SPRING I	J.B. STD. TBJB ST	T.B.D.I. S STEEL G M.H. FRA	ADJUST ADJUST	BERM DF OTCB ST FLOWAB	C.S. PIPE	CONC. &	PIPE REV		
SHEET 6 - L- 23+24.00	-13 LT	602	927.4	_		0.70/										1 1.3				1	1 1												
- L- 23+24.00 - L- 23+88.00 - L- 23+88.00	-13 LT -41 LT -41 LT	623	607 927.9 625		916.3 C 919.6 1					68						1 0.3		1	1														
- L- 23+88.00 - L- 23+40.00 - L- 23+40.00	-41 LT -82 LT -82 LT	607	929.2 624							48						1 5.0	2.9	1 1															
- L- 28+75.00 - L- 28+75.00	38 RT 38 RT	614 614	929.3 615	925.0	923.5 (	0.4%				148						1		1	1														
- L- 27+25.00 - L- 27+25.00	38 RT 38 RT	615 615	927.8 617	923.5	922.2	0.4%										1		1	1														
- L- 25+80.00 - L- 25+80.00	38 RT 38 RT	617 617	926.5 616	922.2	920.1	0.4%				24																							
- L- 25+49.99 - L- 25+54.00 - L- 25+54.00	62 RT 38 RT	618 616 616	616 926.3		920.1 2 919.4 0				24		48					1 1.7		1	1										2@1	8			
- L- 26+00.00 - L- 26+00.00	-11 LT	612 612	927.6 613		919.9 (					48						1		1	1														
- L- 25+53.00 - L- 25+53.00	-12 LT -12 LT	613	927.3								24					1 3.0		1	1														
- L- 25+53.00 - L- 25+53.00 - L- 28+56.00	-38 LT -38 LT -40 LT	620 620 610 610	926.3 619 929.1	918.9						72	44					1 2.4 1		1	1														
- L- 28+56.00 - Y2- 13+53.00 - Y2- 13+53.00	-40 L1 -17 LT	626	926.7 653	-		0.4%				104						1		1	1														
- Y1B- 15+79.10 - Y1B- 15+92.31	-34 LT -18 LT		630 917.2	912.6		0.5%				20						1 1.7									1								
- Y1B- 15+92.31 - Y1D- 14+08.53	-18 LT 22 RT	<del>   </del>	660 914.1	910.5	910.1 (	0.5%				64						1									1	1					84		
- Y1D- 14+08.53 - L- 18+65.00	22 RT 41 RT	660 627	631 926.2		907.4 0	0.5%				24						1		1	1														
- L- 18+65.00 - L- 18+65.00	41 RT -1 LT	627 628	550 927.6		920.7 (					168						1				1	1 1												
- L- 18+65.00 -L- 18+89.00	-1 LT 68 RT	628 632	503	923.6	922.0 (	0.4%	28			168																							
-L- 21+36.00 -Y1B- 13+95.00	56 RT 33 RT	633 634					28 28 28 28 28 28 28 29 20 20 20 20 20 20 20 20 20 20 20 20 20																										
-Y1B- 16+77.00 -Y1B- 17+81.00	24 RT -23 LT	635 636					20 16 20																								21 16		
-Y1D- 12+95.00 -Y1D- 12+20.00 -Y1D- 12+41.00	21 RT -18 LT	637 638					20 16 10   24 10 10																						<u> </u>				
-Y1D-12+41.00 -L- 30+66.00 -Y1B- 17+29.00	65 RT	639 640 641					20 20 20 20 20 20 20 20 20 20 20 20 20 2																								29		
- L- 30+00.00 - L- 30+00.00	60 RT 38 RT	041	609 929.9		922.2 1	1.7%			24							1 2.8			1									1	2 @ 1	8	21		
- L- 30+00.00 - L- 23+70.30	38 RT -68 LT		702 928.8	922.2	921.2 (	0.4%				248						1 4.1			1														
- L- 23+70.30 3D-4 SHEET TOTALS	-68 LT	625	607		916.3 (		200 20	+	48	32 176 1092	116			+		17 22	3 2.9	13 1	5 7	2	2 2				2	2		1	4 @ 1	8	171		
				•		1								<b>.</b>				• • · ·	11	<b>I</b>			I		<u></u>		<u></u> .					)K_K	

4/10/2024 R:\Roadwa

## NORTH CAROLINA DEDARTMENT OF TRANSPORTATION

