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R4L W/S077

COMPUTED BY: MLH DATE: 10/09/2018

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NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

PROJECT NO.	SHEET NO.
R-4705	3D-11

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 INCHES & UNDER)

LINE & STATION	OFFSET	STRUCTURE NUMBER FROM	STRUCTURE NUMBER TO	TOP ELEVATION FT.	INVERT ELEVATION FT.	INVERT ELEVATION FT.	% MINIMUM REQUIRED SLOPE	Drainage Pipe (RCP, CSP, CAAP, HDPE, or PVC) SIZE 15	18	24	30	36	42	DO NOT USE RCP	DO NOT USE CSP	DO NOT USE CAAP	DO NOT USE HDPE	DO NOT USE PVC
								THICKNESS OR GAUGE										
		4301	4312		72.8	70.7												
L 507+00	20 RT	4302		75.8														
		4302	4303		72.8	72.7			20						X	X		X
L 507+50	41 RT	4304	4305		72.5	71.2				20					X	X		X
Y27 13+56	50 LT	4305		74.4														
		4305	4306		71.2	71.1												
Y27 13+39	32 LT	4306		74.3														
		4306	4309		71.1	70.9												
Y27 13+00	27 LT	4307	4306		72.6	71.3		40							X	X		X
Y27 13+00	27 RT	4308	4309		72.6	71.1		40							X	X		X
Y27 13+39	24 RT	4309		74.5														
		4309	4310		70.9	70.6												
Y27 13+59	38 RT	4310		74.6														
		4310	4311		70.6	70.5				44					X	X		X
L 510+00	20 LT	4312		73.7														
		4312	4313		70.5	70.1												
L 510+00	20 RT	4313		73.7														
		4313	4314		70.1	69.8				20					X	X		X
L 511+85	20 LT	4315		71.7														
		4315	4320		68.7	68.5		20							X	X		X
L 512+48	41 LT	4316	4317		67.4	64.9						72			X	X		X
L 513+18	33 LT	4317		69.8														
L 513+35	20 LT	4318		70.6														
		4318	4321		67.6	67.4												
L 513+58	20 LT	4321		70.6														
		4321	4322		66.3	66.0												
L 513+58	20 RT	4322		70.6														
		4322	4331		66.0	65.5						24			X	X		X
L 512+00	20 RT	4323		71.5														
		4323	4326		68.5	68.4		20							X	X		X
L 514+26	39 LT	4324		69.7														
		4324	4325		67.2	67.0				20					X	X		X
L 514+26	20 LT	4325		70.8														
		4325	4321		67.0	66.3	0.8											
Y28 10+35	53 LT	4327		71.5														
		4327	4325		67.7	67.0	0.4				100				X	X		X
Y28 10+71	22 LT	4328		71.7														
		4328	4327		67.9	67.7	0.4				48				X	X		X
Y28 11+25	25 LT	4329	4328		70.4	68.4				56					X	X		X
L 516+46	57 LT	4330	4328		68.7	67.9	0.3											
Y27 11+93	25 RT	4342						32							X	X		X
L 509+47	40 RT	4332								20					X	X		X
L 510+51	40 RT	4333								20					X	X		X
L 510+28	37 LT	4334						40							X	X		X
L 510+79	39 RT	4335								20					X	X		X
L 511+75	38 RT	4336								20					X	X		X
L 513+21	39 RT	4337								44					X	X		X
L 514+67	37 RT	4338						24							X	X		X
L 515+19	36 RT	4339						20							X	X		X
L 515+83	35 RT	4340						24							X	X		X
				SHEET TOTALS				280	284	148	96							

C. S. PIPE 15	18	24	30	36	42	48		R. C. PIPE CLASS III 15	18	24	30	36	42	48		R. C. PIPE CLASS IV 15	18	24	30	36	42	48		R. C. PIPE CLASS V 15	18	24	30	36	42	48
.064	.064	.064	.079	.079	.109	.109																								
																300														
																24														
																								56						
																24														
																								40						
																24														
																								40						
																24														
																								92						