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DIVISION OF HIGHWAYS
STATE OF NORTH CAROLINA

## PROJECT REFERENCE NO.SHEET NO.R-57683D-3

## DRAINAGE SUMMARY

												I	IST (	OF P	PIPES, E	NDW A	ALLS,	ET	C. (FOR	R PI	PES	48	INCH	ES &	UN	<b>VDE</b>	R)										
STATION	ON (LT, RT, OR CL)' STRUCTURE NO.	TOP ELEVATION	INVERT ELEVATION	INVERT ELEVATION	SLOPE CRITICAL	(RCF		E DRAIN PIPE AAP, HDPE, or F	PVC)		C.S. PIPE				R.C. PIPE CLASS III	R.C. PIPE CLASS IV			RACTOR DESIGN	STD. (STD. (UN	838.01 DR 838.11 LESS DTED RWISE)	QUANTITIES FOR DRAINAGE STRICTIIRES	LIN.	FRAME GRATES AND HOO STANDAR 840.03	S, LESS	SECTION  SECTION	40.1 840	8 40.27 8 40.28 GRATES STD. 840.20	GRATES STD. 840.22 TWO GRATES STD. 840.24 TWO FL. GRATES S. 840.29	.54	D. 850.10(4" CONC PAVE DITCH SY)		.Y. STD. 840.71	STD. 840.72		C.B. N.D.I. D.I. G.D.I. G.D.I.(N.S.)	
SIZE	LOCATIC				12	" 15" 18" 24	30" 36	6" 42" 48"	SP		18" 24"	30" 36"	42" 48" 12"	15" 18"	24" 30" 36" 42" 48	" 12" 15" 18"	24" 30" 36"	42" 48"	S V) TS, CON1 TS, CON1 PIPE	= CU. Y	YARDS	5.0')	A B	STD. 840.0		TD. 840.1	ST 17	840.18 OR 840.19 OR WO FLAT	TWO GRAT WITH TWO	&   %	N BASIN ITLET STE		PLUG, C.	. "B" C.Y.	Ë	J.B. M.H. T.B.D.I.	JUNCTION BOX MANHOLE TRAFFIC BEARING
THICKNESS OR GAUGE	FROM							DO NOT LISE D	DO NOT USE CS DO NOT USE CS	SE	.064	970. 970.	.109						**" R.C. PIPE (CLASS  ***" RC PIPE CULVERT  ***" RC PIPE CULVERT  15" TEMPORARY R.C. I	" TEMPORARY R	ပိ	ER EACH	5.0' THRU 10.0' 10.0' AND ABOVE	TYPE OF GRATE	O BROP INLET		FRAME ANI	I. TYPE "B" I. TYPE "D" I. FRAME W	G.D.I. FRAME WITH T G.D.I. (N.S.) FRAME V G.D.I. (N.S.) FRAME V	STD. 840.31 OR	ENERGY DISSIPATION BERM DRAINAGE OUT	FLOWABLE FILL (CY	C.S. PIPE ELBOWS	CONC. COLLARS CL	PIPE REMOVAL LIN.	T.B.J.B.	DROP INLET TRAFFIC BEARING JUNCTION BOX REMARKS
SHEET 5																																					
	RT 503	666.0		05:-							20														$\perp$						11	2	@ 15"				
- Y1- 16+75.00	T 503 504	654.9		651.9							28											1						1	1								
- Y1- 19+00.00	T 505 S05	649.2		646.2										220								1 (	0.1	1 1								2	@ 15"				
	505 500	6	644.1	643.6							36												0.1										<u>@</u> 13				
- Y1A- 10+65.00	LT 501 501 512	647.9	644.5	643.3										80								1						1	1								
- Y1- 21+75.00		637.8			$\bot$																	1		1 1								2	@ 15"				
- Y1- 21+75.00		_		630.2							24											1						1	1								
- Y1- 23+20.83	507 509		630.2	629.5										76								1						1	1						22		
	510 509	9	629.9	629.5										68								,													22		
- Y1- 22+52.42	RT 509 51°		629.5	629.0	$\vdash\vdash$		++								80					+		1			+			1	1			++			54		
- Y1A- 10+40.00	RT 512 502	647.0												20								1		1	1												
- DR1- 10+42.94		645.8		641.9										32																							
- DR1- 10+50 00	513 514 RT 514			643.1	$\vdash$		+							44						_		1		1 1	_												
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