COMPUTED BY: DRE DATE: September 7, 2004
CHECKED BY: [signature] DATE: 10/18/07

PROJECT REFERENCE NO.	SHEET NO.
U-3328	3B

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

LIST OF PIPE, ENDWALLS, ECT. (FOR PIPE 48" & UNDER)

STATION / SIZE / THICKNESS OR GAUGE	LOCATION (LT,RT OR CL)	STRUCTURE NO. FROM	STRUCTURE NO. TO	TOP ELEVATION	INVERT ELEVATION	INVERT ELEVATION	SLOPE CRITICAL	CLASS III R.C. PIPE (UNLESS NOTED OTHERWISE) 12"	15"	18"	24"	30"	36"	42"	48"	BITUMINOUS COATED C.S. PIPE TYPE B (UNLESS NOTED OTHERWISE) 12" 0.064	15" 0.064	18" 0.064	24" 0.064	30" 0.079	36" 0.079	42" 0.109	48" 0.109	15" SIDE DRAIN PIPE	18" SIDE DRAIN PIPE	24" SIDE DRAIN PIPE	ENDWALLS STD. 838.01 OR STD. 838.11 (UNLESS NOTED OTHERWISE) CU. YDS. R.C.P.	C.S.P.	QUANTITIES FOR DRAINAGE STRUCTURES * TOTAL L.F. FOR PAY QUANTITY SHALL BE COL. 'A' + (1.3 X COL.'B') PER EACH (0' THRU 5.0')	LINEAR FEET A 5.0' THRU 10.0'	LINEAR FEET B 10.0' AND ABOVE	C.B. STD. 840.01 OR STD. 840.02	FRAME, GRATES & HOOD STANDARD 840.03 TYPE OF GRATE E	F	G	D.I. STD. 840.14 OR STD. 840.15	D.I. FRAME & GRATE STD. 840.16	J.B. STD. 840.31 OR 840.32	T.B.J.B. STD. 840.34	M.H. FRAME & COVER STD. 840.54	CORR. STEEL ELBOWS NO. & SIZE	CONC. COLLARS CL. "B" C.Y. STD 840.72	CONC. & BRICK PIPE PLUG, C.Y. STD. 840.71	PIPE REMOVAL LINEAR FEET	REMARKS
		13	15		85.5	86.6				56																																			
LEFT TRUNK LINE																																													
-Lrev- 15+03	LT	14		90.0																									1							1	1								
		14	15		87.8	86.6			12																																				
-Lrev- 15+03	LT	15		90.9																									1			1		1										41	
		15	18		86.6	88.0				144																																			
-Lrev- 16+48	LT	18		92.3																									1			1		1											
		18	21		88.0	89.3				144																																			
-Lrev- 17+92	LT	21		94.1																									1			1		1										24	
-Lrev- 17+92	LT	20		91.6																									1							1	1								
		20	21		89.4	89.3			16																																				
		21	22		89.3	93.6			180																																				
-Lrev- 19+72	LT	22		96.6																									1			1		1										46	
		22	24		93.6	95.9			180																																				
-Lrev- 21+52	LT	24		98.9	94.7				16																				1			1		1										42	
		24	26		95.9	96.5			44																																				
-Lrev- 21+95	LT	26		99.5																									1			1		1										8	
		26	29		96.5	98.8			132																																				
-Lrev- 23+24	LT	29		101.0																									1							1	1								
		29	30		98.8	98.1			16																																				
-Lrev- 23+24	LT	30		101.1																									1			1		1										88	
		29	31A		98.8				180																																				
-Lrev- 25+05	LT	31A																											1									1							
		31A	31			101.1			12																																				
-Lrev- 25+05	LT	31		104.1																									1			1		1											
-Lrev- 27+59	LT	34		107.1	104.0				24																				1			1		1											
		34	33		103.9	103.7				56																																			
-Lrev- 27+54	RT	33		107.1	102.5					32																			1			1			1									114	
		33	35		103.7	104.3				76																																			
-Lrev- 28+28	RT	35		107.7																									1			1			1										
		35	36		104.3				76																																				
-Y2- 10+55	RT	36																											1			1	1												
		36	37			104.9			92																																				
-Y2- 11+46	RT	37		108.0																									1			1		1											
		37	38		104.9	105.0			32																																				
-Y2- 11+48	LT	38		108.0	106.0				32																				1			1			1										
		38	39		105.0				48																																				
-Y2- 11+06	LT	39																											1			1	1											69	REMOVE DI
		39	40			106.2			56																																				
-Lrev- 30+25	RT	40		108.2																									1			1			1										
SHEET TOTAL									1148	508																			20			16	2	10	4	3	3	1						432	

ABBREVIATIONS
C.B. CATCH BASIN
N.D.I. NARROW DROP INLET
D.I. DROP INLET
M.D.I. MEDIAN DROP INLET
M.D.I. (N.S.) MEDIAN DROP INLET (NARROW SLOT)
J.B. JUNCTION BOX
M.H. MANHOLE
T.B.D.I. TRAFFIC BEARING DROP INLET
T.B.J.B. TRAFFIC BEARING JUCTION BOX