COMPUTED BY: DRE DATE: October 6, 2005
CHECKED BY: JCC DATE: October 11, 2005

PROJECT REFERENCE NO.	SHEET NO.
U-3823-B	3-B

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

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

STATION	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) SIZE	12"	15"	18"	24"	30"	36"	42"	48"	BITUMINOUS COATED C.S. PIPE TYPE B (UNLESS NOTED OTHERWISE) SIZE	12"	15"	18"	24"	30"	36"	42"	48"	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 LINEAR FEET QUANTITY SHALL BE COL. 'A' + (1.3 X COL. 'B') LINEAR FEET PER EACH (0' THRU 5.0')	A 5.0' THRU 10.0'	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
THICKNESS OR GAUGE																		0.064	0.064	0.064	0.064	0.079	0.079	0.109	0.109																										
-L- 120+72	LT	22		148.7						56																					1			1			1										105	REMOVE CB
		22	23		145.7	144.3																																								
-L- 121+30	LT	23		148.0								68																			1			1	1										163	REMOVE CB
		23	24		144.3	144.1																																								
		23	26		144.3	144.6				144																																					
-L- 122+75	LT	26		147.6																											1			1		1									224	REMOVE CB
		26	28		144.6	145.7				180																																				
-L- 124+60	LT	28		148.7																											1			1		1										REMOVE CB
-L- 126+73	RT	30		151.8																											1	2.2						1	1							
-L- 126+78	LT	31		150.3							20																				1	0.3		1		1										PIPE INVERT 145.3'
-Y2- 18+17	RT	32		152.5						8																					1														0.399			REMOVE CB
-Y2- 18+18	LT	33								32																																		0.399			PIPE INVERT 148', REMOVE CB
-Y2- 21+35	LT	35		151.7																											1							1	1							
		35	34		147.7	147.6				32																																					
-Y2- 21+35	LT	34		150.6																											1			1		1										
		34	38		147.6	146.8				264																																					
-Y2- 24+00	LT	38		149.8																											1			1		1										
		38	22		146.8	145.7				116																																					
		38	39		146.8	147.5				32																																					
-Y2- 24+00	LT	39		150.9																											1							1	1							
		39	41		147.5	147.6				52																																					
-Y2- 24+50	LT	41		150.8																											1							1	1							REMOVE CB
		36	37		147.8	147.2				116																																					
-Y2- 22+50	RT	37		150.2																											1			1		1										
		37	40		147.2	146.9				152																																					
-Y2- 24+00	RT	40		149.9																											1			1		1										
		40	42		146.9	146.2				52																																					
-Y2- 24+50	RT	42		149.7																											1			1		1									10	REMOVE JB AND CB
		42	19		146.2	145.5					76																																			
		20	44		141.8	144.3							116																																		
-Y2- 27+16	RT	44		149.4																											1			1		1										
		44	46		144.3	140.9								156																																	
-Y2- 28+71	RT	46		148.7																											1	2.9		1		1										
		46	49		140.9	140.6								100																																	
-Y2- 29+71	RT	49		148.2																											1	2.6		1		1										
		49	51		140.6	140.1								148																																	
-Y2- 31+20	RT	51		147.6																											1	2.5		1		1										
		51	53		140.1	140.0								44																																	
-Y2- 31+23	RT	53		148.9																											1	3.9							1	1				0.232			
SHEET TOTAL										1236	96	68	116	448																	20	14.4		14	1	10	3	5	5	1		1				0.798	0.232	502	

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