COMPUTED BY: DRE DATE: September 7, 2004
CHECKED BY: (signature) DATE: 10/18/04

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

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

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

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

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	SPECIAL T.B.J.B. SEE DETAIL ON SHEET 2A	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
		34	41		103.9	106.2			264																																					
-Lrev- 30+25	LT	41		109.2																									1			1		1												
-Lrev- 30+75	LT	42							28																																				28	
-Lrev- 33+04	RT	43		110.7					16																				1			1			1								0.399		290	REMOVE CB
		43	44		107.0				92																																					
-Lrev- 33+96	RT	44																											1									1								
		44	45						200																																					
-Lrev- 35+96	RT	45																											1									1								
		45	46			106.1			16																																					
-Lrev- 35+97	RT	46		111.8					12																				1	0.7		1			1								0.399			REMOVE CB
-Lrev- 35+94	LT	47			105.0				28																																					
SHEET TOTAL									656																				5	0.7		3		1	2			2					0.798		318	
SHEET TOTAL 3A									1316	24			124																22	5.1		15		5	10	2	2		4	4	1				341	
SHEET TOTAL 3B									1148	508																			20			16	2	10	4	3	3	1							432	
SHEET TOTAL 3C									656																				5	0.7		3		1	2			2					0.798		318	
PROJECT TOTAL									3120	532			124																47	5.8		34	2	16	16	5	5	3	4	4	1		0.798		1091	
SAY																															10												2	1		