6/20/00

COMPUTED BY: BAM DATE: 07/01/04
CHECKED BY: _____ DATE: _____

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

METRIC

PROJECT REFERENCE NO.	SHEET NO.
R-2562D	3-E

LIST OF PIPES, ENDWALLS, ETC. (FOR PIPES 1200 mm & 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	300	375	450	600	750	900	1050	1200	BITUMINOUS COATED C.S. PIPE TYPE B (UNLESS NOTED OTHERWISE) SIZE	300	400	450	600	800	900	1000	1200
								THICKNESS OR GAUGE										1.63	1.63	1.63	1.63	2.01	2.01	2.77	2.77
		78	65		40.072	39.424	Y					22.8													
LREV 28+46	LT	78		41.376	40.072																				
		79	78		40.314	40.297	Y			6.0															
LREV 28+49	LT	79		41.000	40.314																				
		80	78		40.465	40.072	Y					36													
LREV 28+83	LT	80		41.610	40.465																				
		81	80		40.870	40.690				26.4															
LREV 29+10	LT	81		41.786	40.870																				
		82	81		41.133	40.870				40.8															
LREV 29+51	LT	82		42.048	41.133																				
Y6A 10+75	RT	85		41.670	41.086																				
		85	86		41.086	41.044	Y			14.4															
Y6A 10+75	LT	86		42.200	41.044																				
		86	87		41.044	40.999	Y			15.6															
LREV 30+15	LT	87		42.352	40.999																				
		88	87		41.437	40.999	Y			20.4															
LREV 30+15	RT	88		42.352	41.437																				
		87	89		40.999	40.879	Y			40.8															
LREV 30+56	LT	89		42.491	40.879																				
		89	90		40.879	40.620	Y			27.6															
LREV 30+84	LT	90		42.584	40.620																				
LREV 30+83	LT	90C	90		40.696	40.620						3.6													
LREV 30+84	LT	90	91		40.620	40.500						4.8													
LREV 31+08	LT	90B																							
LREV 30+60	RT	89B		42.350	41.740																				
		89B	89A		41.740	41.664			4.8																
LREV 30+60	RT	89A		42.504	41.589																				
		89A	90A		41.589	41.529	Y			21.6															
LREV 30+81	RT	90A		42.575	41.304																				
LREV 30+81	RT	90A	90D		41.304	40.721						3.6													
		92	90		41.037	40.620	Y					50.4													
LREV 31+34	LT	92		42.755	41.037																				
LREV 31+34	LT	92C	92		41.046	41.037					3.6														
LREV 31+33	RT	92A		42.749	41.075																				
LREV 31+33	RT	92B	92A		41.280	41.075	Y				4.8														
SHEET TOTAL										213.6		121.2													
									4.8		8.4														

STATION	LOCATION (LT, RT, OR CL)	STRUCTURE NO. FROM	STRUCTURE NO. TO	375mm SIDE DRAIN PIPE	450mm SIDE DRAIN PIPE	600mm SIDE DRAIN PIPE	ENDWALLS STD. 838.01, STD. 838.11 OR STD. 838.80 (UNLESS NOTED OTHERWISE) CU. METERS R.C.P.	ENDWALLS CU. METERS C.S.P.	QUANTITIES: STRUCTURES PER EACH (0 THRU 1.50)	FOR DRAINAGE "TOTAL M FOR PAY QUANTITY SHALL BE COL. A + (3 X COL. B)" METERS A 1.50 THRU 3.00	METERS B 3.00 AND ABOVE	C.B. STD. 840.01 OR 840.02	FRAME, GRATES, AND HOOD STD. 840.03 TYPE OF GRATE E	F	G	D.I. STD. 840.14 OR STD. 840.15	D.I. FRAME & GRATE STD. 840.16	M.D.I. TYPE "A" STD. 840.17 OR 840.26	M.D.I. TYPE "B" STD. 840.18 OR 840.27	M.D.I. TYPE "D" STD. 840.19 OR 840.28	M.D.I. FRAME WITH GRATE STD. 840.22	M.D.I. FRAME WITH TWO GRATES STD. 840.22	M.D.I. (N.S.) FRAME WITH GRATE STD. 840.24	M.D.I. (N.S.) FRAME WITH TWO GRATES STD. 840.24	J.B. STD. 840.31 OR 840.32	T.B.J.B. STD. 840.34	T.B.D.I. STD. 840.35	STEEL FRAME & GRATE STD. 840.37	FRAME WITH GRATE, STD. 840.29	M.H. FRAME & COVER STD. 840.54	M.D.I. TYPE "D" SPECIAL (SEE SHEET 2-J)	M.D.I. TYPE "B" SPECIAL (SEE SHEET 2-K)	CONCRETE APRON FOR D.I., STD. 852.05	ADJUSTMENT OF CATCH BASINS	PIPE CLEANOUT (meters)	CORR. STEEL ELBOW NO. & SIZE	FLOWABLE FILL (cubic meters)	CONC. COLLARS, CL. "B" m^3 STD.840.72	CONC. & BRICK PIPE PLUG m^3 STD.840.71	PIPE REMOVAL (meters)	REMARKS
LREV 28+46	LT	78							1			1																										
		79	78																																			
LREV 28+49	LT	79							1				1	1																								
		80	78																																			
LREV 28+83	LT	80							1			1																									38.5	
		81	80																																		
LREV 29+10	LT	81							1			1																										
		82	81																																		
LREV 29+51	LT	82							1			1																										
Y6A 10+75	RT	85							1																1			1										
		85	86																																		
Y6A 10+75	LT	86							1																1			1										
		86	87																																		
LREV 30+15	LT	87							1			1																										
		88	87																																		
LREV 30+15	RT	88							1			1			1																							
		87	89																																		
LREV 30+56	LT	89							1	.11		1																										
		89	90																																		
LREV 30+84	LT	90							1	.46		1																										
LREV 30+83	LT	90C	90																																.4		
LREV 30+84	LT	90	91																																		
LREV 31+08	LT	90B																																	25.3	.16	
LREV 30+60	RT	89B							1										1	1																		
		89B	89A																																		
LREV 30+60	RT	89A							1			1			1																							
		89A	90A																																		
LREV 30+81	RT	90A							1			1			1																							
LREV 30+81	RT	90A	90D																														1		.4		
		92	90																																		
LREV 31+34	LT	92							1	.22		1			1																							
LREV 31+34	LT	92C	92																																.33		
LREV 31+33	RT	92A							1	.17		1			1																							
LREV 31+33	RT	92B	92A																														1				
SHEET TOTAL									16			12		8	4	2	2		2			2									2		25.3		0.16		
										0.96																							1.13		63.4		

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

REMARKS

R:\R-2562D_ll_OCT_2004 (3)\6 R-2562D Roadway Design.dgn 10/19/2004 10:16:47 AM
R:\R-2562D_ll_OCT_2004 (3)\6 R-2562D_LST_SUM_DRN.DGN