6/20/00

COMPUTED BY: L. MCCRORY DATE: JUNE 2004
CHECKED BY: B. C. FOWLER DATE: DECEMBER 2004

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

METRIC

PROJECT REFERENCE NO.	SHEET NO.
R-2552AA	3-I

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)								BITUMINOUS COATED C.S. PIPE TYPE B (UNLESS NOTED OTHERWISE) * UNCOATED C.S. PIPE								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) * DETAIL SHT. NO. 2-AB CU. METERS		QUANTITIES: STRUCTURES PER EACH (0 THRU 1.50)	FOR DRAINAGE *TOTAL M FOR PAY QUANTITY SHALL BE COL. 'A' + (1.3 X COL. 'B') METERS		O.T.C.B. STD. 840.04 OR 840.05	T.B.D.I. STD. 840.35	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 TWO GRATES STD. 840.20	M.D.I. FRAME WITH TWO GRATES STD. 840.22	M.D.I. (N.S.) FRAME WITH TWO GRATES STD. 840.29	J.B. STD. 840.31 OR 840.32	T.B.J.B. STD. 840.34	M.H. FRAME & COVER STD. 840.54	550 mm SLUICE GATE DETAIL SHT. NO. 2-AB	800 mm SLUICE GATE DETAIL SHT. NO. 2-AB	970 mm SLUICE GATE DETAIL SHT. NO. 2-AB	1150 mm SLUICE GATE DETAIL SHT. NO. 2-AB	1330 mm SLUICE GATE DETAIL SHT. NO. 2-AB	CONC. RISER W/TRASH RACK DETAIL SHT. NO. 2-AC	SPRING BOX STD. 840.41	D.I. FRAME WITH GRATE STD. 840.22	D.I. STD. 840.14 OR 840.15	D.I. FRAME AND GRATES STD. 840.16	375 mm SLUICE GATE	900 mm SLUICE GATE	1050 mm SLUICE GATE	T.B.D.I. STD. 840.36	STEEL FRAME WITH TWO GRATES STD. 840.37	PREFORMED SCOUR HOLE SEE DETAIL A, SHT. 2-M		CORR. STEEL ELBOW NO. & SIZE	CONC. COLLARS, CL. "B" m^3 STD.840.72	CONC. & BRICK PIPE PLUG m^3 STD.840.71	PIPE REMOVAL (meters)	REMARKS
SIZE								*150	375	450	600	750	900	1050	1200	*150	400 *400	450 *450	600 *600	800	900	1000	1050				R.C.P.	C.S.P.		A 1.50 THRU 3.00	B 3.00 AND ABOVE																																	
THICKNESS OR GAUGE																1.63	1.63	1.63	1.63	2.01	2.01	2.77	2.77																																									
SHEET 8																																																																
–FLYLWREV– 20+66	RT	200A																						18																																								UNDER SR 2703 TURNAROUND
–FLYLWREV– 19+81	RT	201																																																													10.3	REMOVE 375 PIPE UNDER DRIVE @ SR 2703
–FLYLWREV– 17+74	RT	202																																																													7.2	REMOVE 375 PIPE UNDER DRIVE @ SR 2703
–FLYLWREV– 17+27	RT	203																																																													13.9	REMOVE 750 PIPE UNDER SR 2703
–FLYLWREV– 17+19	RT	204																																																													6.7	REMOVE 450 PIPE UNDER DRIVE @ SR 2703
–FLYLWREV– 16+16	RT	205																																																													7.2	REMOVE 450 PIPE UNDER DRIVE @ SR 2703
–FLYLWREV– 15+27	RT	206																																																													15	REMOVE 450 PIPE UNDER SR 2703
–FLYLWREV– 14+73	RT	207																																																													7.6	REMOVE 375 PIPE UNDER DRIVE @ SR 2703
SHEET 9																																																																
–FLYLEREV– 14+01	LT	208																																																													7.7	REMOVE 450 PIPE UNDER DRIVE @ SR 2703
–FLYLEREV– 13+81	LT	209																																																													6.7	REMOVE 375 PIPE UNDER DRIVE @ SR 2703
–FLYLEREV– 13+45	LT	210																																																													7.1	REMOVE 375 PIPE UNDER DRIVE @ SR 2703
–FLYLEREV– 13+19	LT	211																																																													8.4	REMOVE 375 PIPE UNDER DRIVE @ SR 2703
–FLYLEREV– 13+19	LT	212																																																													6.7	REMOVE 375 PIPE UNDER DRIVE @ SR 2703
–FLYLEREV– 12+82	LT	213																																																													6.7	REMOVE 375 PIPE UNDER DRIVE @ SR 2703
–FLYLEREV– 12+63	LT	214																																																													6.4	REMOVE 375 PIPE UNDER DRIVE @ SR 2703
–FLYLEREV– 12+53	LT	215																																																													6.4	REMOVE 375 PIPE UNDER DRIVE @ SR 2703
SHEET 9–C																																																																
–FLYLEREV– 12+37	LT	216																																																													6.7	REMOVE 375 PIPE UNDER DRIVE @ SR 2703
–FLYLEREV– 12+13	LT	217																																																													6.7	REMOVE 375 PIPE UNDER DRIVE @ SR 2703
–FLYLEREV– 12+05	LT	218																																																													6.6	REMOVE 375 PIPE UNDER DRIVE @ SR 2703
–FLYLEREV– 11+64	LT	219																																																													6.2	REMOVE 375 PIPE UNDER DRIVE @ SR 2703
–FLYLEREV– 11+53	LT	220																						18																																								UNDER SR 1548 TURNAROUND
SHEET TOTAL									0		0		0		0		0		0	0	0	0		36				0		0		0	0	0	0	0				0	0		0	0	0	0	0			0	0	0	0	0	0	0	0	0		0	0		150.2	
										0		0		0				0							0		0		0		0						0	0	0			0						0	0													0		
																			*0																																													
																		*0																																														
PROJECT TOTALS		R–2552AA:							1180.8		816		224.4		123.6		336		31.2	34.8	21.6	0		72				1.5		15.66		2	7	13	65	10				15	2		4	2	2	2	1			0	0	0	0	0	0	0	0	13		21@400	7.01		402.5	ADD COLLAR TOTAL TO SHEET NO. 3–J
										1153.2		668.4		348		*52.8		31.2							18		38.8		118		2.83						29	60	6			17						4	1											4@450		0.35		
																			*21.6												x1.3																													1@600				
																		*15.6								TOTAL	40.3				3.68																													2@900	SAY	1	405	
																										SAY	41		TOTAL		19.34																																	
																														SAY	20																																	
PROJECT TOTALS		R–2552AB							1015.2		744		163.2		0		103.2		55.2	0	0	69.6		128.4	0		22		79		11	1	2	11	51	4	17	49	2	4	0	4	4	2	2	2	1	3	0	2	2	2	3	1	2	1	1	13		1@1050	1	1	104	
										861.6		201.6		208.8		0	*57.6	123.6																																										4@600				
																																																												8@450				
																																																												7@400				
GRAND TOTALS:									2196		1560		387.6		123.6		439.2		86.4	34.8	21.6	69.6		200.4	18		63		197		31	3	9	24	116	14	46	109	8		2		8	4	4	4	2	7	1	2	2	2	3	1	2	1	1	26		28@400		1.35	509	ADD COLLAR TOTAL TO SHEET NO. 3–J
										2014.8		870		556.8		*52.8		154.8								SAY	63			SAY	31																													12@450	SAY	2	509	
																	*57.6		*21.6																				ADD M.H. COVER TOTAL TO SHEET NO. 3–J																					5@600				
																		*15.6																				ADD J.B. TOTAL TO SHEET NO. 3–J																						2@900				
																																																												1@1000				

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

23-MAR-2005 14:10
BCFowler AT RD223189