COMPUTED BY: J. BRAXTON DATE: 3-23-03
CHECKED BY: D. Noland DATE: 7-09-04

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

METRIC

PROJECT REFERENCE NO.	SHEET NO.
U-2912	3A

LIST OF PIPES, ENDWALLS, ETC. (FOR PIPES 1200 mm & UNDER)

STATION +/-	LOCATION (LT, RT, OR CL)	STRUCTURE NO. FROM	STRUCTURE NO. TO	TOP ELEVATION	IN INVERT ELEVATION	OUT INVERT ELEVATION	SLOPE CRITICAL	CLASS III R.C. PIPE (UNLESS NOTED OTHERWISE) 300	375	450	600	750	900	1050	1200
6+98	RT	1		59.32											
		1	2		56.35	56.28			4.8						
6+98	RT	2													
7+60	RT	5		59.48											
		5	4		58.50	58.40			14.4						
7+45	RT	4		59.55											
		4	3		58.40	58.35			4.8						
7+45		3													
7+97	RT	6		59.46											
		6	7		58.49	58.49			3.6						
8+00	RT	7		59.46											
		7	8		58.49	58.45			3.6						
8+00	RT	8													
8+33	RT	9		59.80											
8+45	RT	10													
8+45	RT														
-Y1															
10+67	RT	11							0.6						
10+67	LT	12													
-L- Rev															
10+68	RT	13													
10+68	RT	14							2.4						
11+10	RT	15							0.9						
11+38	LT	16													
11+41	RT	17		58.60											
		17	18		57.90	57.81			6						
11+42	RT	18		58.80											
		18	19		57.81				2.4						
11+42	RT	19							0.9						
11+61	LT	20													
11+53	RT	21		59.00											
		21	22		58.00				8.4						
11+52	RT	22													
SHEET TOTAL									52.8						

SIZE	BITUMINOUS COATED C.S. PIPE TYPE B (UNLESS NOTED OTHERWISE) 300	400	450	600	800	900	1000	1200	375mm SIDE DRAIN PIPE	450mm SIDE DRAIN PIPE	600mm SIDE DRAIN PIPE	ENDWALLS STD. 838.01 OR STD. 838.11 (UNLESS NOTED OTHERWISE) CU. METERS R.C.P.	C.S.P.
THICKNESS OR GAUGE	1.63	1.63	1.63	1.63	2.01	2.01	2.77	2.77					

STATION +/-	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 A 1.50 THRU 3.00	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	M.H FRAME & COVER STD. 840.54	T.B.J.B. STD. 840.34	ADJUST CB	CONVERT EXIST. C.B. TO D.I.	CORR. STEEL ELBOW NO. & SIZE	CONC. ELBOW 375 MM	CONC. COLLARS, CL. "B" m^3 STD.840.72	CONC. & BRICK PIPE PLUG m^3 STD.840.71	PIPE REMOVAL (meters)	REMARKS
6+98	1			1			1																				
6+98	1																	1	1								
7+60	1			1			1																				
7+45	1			1			1																				
7+45	1																	1	1								
7+97	1			1			1																				
8+00	1			1			1																				
8+00	1																	1	1							3.4	REMOVE PIPE & CB
8+33	1						1																				SEE SPECIAL DETAIL (SHEET 2-R)
8+45	1																	1	1								
8+45																										4.5	REMOVE PIPE & CB
10+67	1			1			1																				REMOVE CB
10+67	1																	1	1								REMOVE CB
10+68																				1							ADJUST GRATE
10+68																								0.29			COLLAR & EXTEND
11+10																								0.29			REMOVE CB, COLLAR & EXTEND
11+38	1																	1	1								REMOVE CB
11+41	1										1			1													
11+42	1			1		1																					
11+42																								0.29			REMOVE CB, COLLAR & EXTEND
11+61	1																				1						CONVERT CB TO DI
11+53	1										1			1													
11+52	1																	1	1								REMOVE DI
SHEET TOTAL	18			7		1	7				2			2				7	7	1	1			0.87		7.9	

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

6/20/00

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