COMPUTED BY: KEM & WPB DATE: 11-07-02
CHECKED BY: DWG DATE: 08-12-04

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

PROJECT REFERENCE NO.: U-2913B | SHEET NO.: 3-F

"ALL ELEVATIONS ARE FOR BID PURPOSES ONLY"
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								BITUMINOUS COATED C.S. PIPE TYPE B (UNLESS NOTED OTHERWISE) SIZE										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 STD. 838.01 STD. 838.11 OR STD. 838.80 (UNLESS NOTED OTHERWISE) CU. METERS C.S.P.	QUANTITIES: STRUCTURES PER EACH (0 THRU 1.50)	FOR DRAINAGE "TOTAL M FOR PAY QUANTITY SHALL BE COL. 'A' + 11.3 X COL. 'B'") METERS A 1.50 THRU 3.00	FOR DRAINAGE "TOTAL M FOR PAY QUANTITY SHALL BE COL. 'A' + 11.3 X COL. 'B'") 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. (N.S.) FRAME WITH TWO GRATES STD. 840.24	CONC. APRON FOR DROP INLET	POLYMER LINE DRAIN (METERS)	T.B.J.B. STD. 840.34	M.H. FRAME & COVER STD. 840.54	CONVERT JB TO DI	PREFORMED SCOUR HOLE	450 mm PLASTIC PIPE	MODIFIED CONCRETE FLUME SEE SHEET 2-Q	750 mm PLASTIC PIPE	T.B.D.I. STD. 840.35	M.D.I. (N.S.) FRAME WITH GRATE STD. 840.29	TEMP. STEEL PLATE COVERS	PIPE CLEANOUT	CORR. STEEL ELBOW NO. & SIZE	FLOWABLE FILL m^3	CONC. COLLARS, CL. "B" m^3 STD. 840.72	CONC. & BRICK PIPE PLUG m STD. 840.71	PIPE REMOVAL (meters)	REMARKS
SIZE								300	375	450	600	750	900	1050	1200	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																												
		105	106		268.11	268.16			8.4																																											
–L– 61+93	RT	106		268.85																										1							1	1																
		105	112		268.11	269.33			73.2																																											
		105	108		268.11	268.07				12.0																																										
–L– 61+82	LT	107		269.64																										1			1	1																			
		107	108		268.72	268.70			4.8																																											
–L– 61+87	LT	108		269.64																										1			1		1																		
		108	OUT		268.07	268.02				18																																										
–L– 62+06	LT	109																																																						7.5	REMOVE 375 CONC.
–L– 62+45	LT	110																																																				6.5	REMOVE 375 CONC.
–L– 62+40	RT	111																																																			17.2	REMOVE 450 CONC.
–L– 62+60	RT	112																												1			1		1																		
–Y11– 10+55	LT	113																																																						FILL W/ FLOWABLE FILL
–L– 62+50	LT	114		270.34																										1								1																
		114	117		269.38	269.16			8.4																																											
–L– 61+97.5	LT	115		269.63																										1			1		1																		
		115	OUT		268.13	268.10					10.8																																										
–L– 62+20	LT	116		270.22																										1			1		1																		
		115	116		268.68	268.79	X				21.6																																										
		116	117		268.79	268.93					30																																										
–L– 62+50	LT	117		270.08																										1			1		1																		
–L– 63+00	LT	118		271.11																										1								1														
–L– 63+00	LT	119		270.84																										1			1		1																		
		118	119		270.14	269.93			8.4																																											
		117	119		268.93	269.44				49.2																																										
		119	121		269.44	269.56					25.2																																									
–L– 63+25	LT	120		271.46																										1								1														
		120	121		270.50	270.28			8.4																																											
–L– 63+25		121		271.20																										1	0.14		1		1																		
–L– 63+51		122		271.17																										1	0.04		1	1																		
		121	122		269.56	269.70					27.6																																									
		122	123		269.93	270.01			18.0																																										
–Y12– 10+65	RT	123		270.85																										1						1		1														
		122	124		269.85	270.21				21.6																																									
–Y12– 10+76	LT	124		271.40																										1			1	1																		
		124	125		270.28	270.32			7.2																																									
		124	130		270.21	270.65				19.2																																									
–Y12– 10+65	LT	125		271.16																										1						1		1														
–L– 63+17	RT	126																																																				6.0	REMOVE 300 CONC
–L– 63+63	LT	127																																																		1.72	0.06		
–L–63+67	RT	128																																																		7.2	REMOVE 300 CONC
–L–63+85	RT	129																																																		6.0	REMOVE 375 CONC
–L–63+85	RT	130A		272.39																										1								1														
SHEET TOTAL									136.8	120.0	115.2																			17	0.18		10	3	5	2		1	1		2		2	4				2			4	4	4				2.82		0.06		
																																																					50.4	

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

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