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

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

METRIC

PROJECT REFERENCE NO.	SHEET NO.
U-2913B	3-D

"ALL ELEVATIONS ARE FOR BID PURPOSES ONLY"
LIST OF PIPES, ENDWALLS, ETC. (FOR PIPES 1200 mm & 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) 300	375	450	600	750	900	1050	1200	BITUMINOUS COATED C.S. PIPE TYPE B (UNLESS NOTED OTHERWISE) 300 (1.63)	400 (1.63)	450 (1.63)	600 (1.63)	600	800 (2.01)	800	900 (2.01)	900	1000 (2.77)	1000	1200 (2.77)	1200	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.	C.S.P.	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. (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
-L- 56+20	LT	64		268.88																														1			1	1																																
		63	64		267.89	267.97			20.4																																																												
		64	65		267.97	268.41			33.6																																																											
-L- 56+54	LT	65		269.33																														1			1		1																															
-L- 56+67	LT	66																																																																	36	REMOVE CB & 450 CONC.
-L- 57+27	LT	67																																																																	6.5	REMOVE 300 CONC.
-L- 57+23	LT	68		269.70																														1								1	1																											
		68	69		269.01	268.91			8.4																																																												
-L- 57+32	LT	69		269.60																														1								1	1																											
		69	70		268.91	268.82			4.8																																																												
-L- 57+32	LT	70		269.73																														1			1		1																												1.59		.03		PLUG & FILL W/ FLOWABLE FILL
		70	71		268.82	268.71			21.6																																																												
-L- 57+36	RT	71		269.74																														1			1			1																														
		71	OUT		268.71	268.28			16.8																																																												
-L- 57+90	LT	72																																																																	6.5	REMOVE 250 TC
-L- 58+30	LT	73		269.70																														1			1			1																														
		73	74		268.78	268.58			30.0																																																												
-L- 58+60	LT	74		269.50																														1			1			1																														
		74	OUT		268.58	268.20			9.6																																																												
-L- 58+60	RT	75		269.50																														1			1		1																															
		75	76		268.58	268.46			34.8																																																												
-L- 58+95	RT	76		269.37																														1			1		1																															
		76	77		268.46	268.61			3.6																																																												
-L- 58+95	RT	77		269.30																														1								1	1																											
		76	78		268.46	268.27			37.2																																																											20	REMOVE 375 CONC.
-L- 59+33	RT	78		269.25																														1			1		1																															
		78	79		268.27	268.18			18.0																																																												
-L- 59+47.44	RT	79		269.20																														1			1	1																																
		79	80		268.18	268.04			21.6																																																										34	REMOVE 375 CONC.
-L- 59+68	RT	80		269.09																														1			1	1																																
		80	81		268.04	267.86			9.6																																																												
-L- 59+76	RT	81		269.09																														1			1			1																														
		81	82		267.79	267.95	X			19.2																																																										
-L- 59+95	RT	82		269.15																														1			1			1																														
		82	83		268.03	268.16			6.0																																																												
		82	86		267.95	268.04	X			18																																																										
-L- 59+95	RT	83		268.85																														1								1	1																											
SHEET TOTAL									276	37.2																								17			13	3	5	5		4	4																							1.59		0.03	103	

13-OCT-2004 12:23
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DWGardner AT RD212399

RD212399 Wednesday October 13 2004 sh03d DWGardner rd-07oce34