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-K

"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.		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)								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		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		C.B. STD. 840.01 OR 840.02	FRAME, GRATES, AND HOOD STD. 840.03 TYPE OF GRATE			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		FROM	TO					300	375	450	600	750	900	1050	1200	300	400	450	600	800	900	1000	1200				R.C.P.	C.S.P.		1.50 THRU 3.00 (A)	3.00 AND ABOVE (B)		E	F	G																									
THICKNESS OR GAUGE																1.63	1.63	1.63	1.63	2.01	2.01	2.77	2.77																																					
		210	OUT		272.84	272.91			15.6																																																			
-L- 71+69.2	RT	211		273.70																									1							1	1																							
-L- 71+69	RT	212																																																									7.0	REMOVE 375 CONC
-L- 71+81	RT	213																																																									6.5	REMOVE 375 CONC
-Y4- 10+63	CL	214			260.14	260.28					18																																																	
-Y14- 10+36	RT	215		269.65																									1			1		1																				3						
	RT	215	OUT		268.74	266.90			18																																																			
	RT	215	216		268.74	268.90			8.4																																																			
-Y14- 10+36	RT	216		269.81																									1			1			1																									
		216	217		268.90	269.18			26.4																																																	0.05	20.5	REMOVE CB & 450 CONC
-Y14- 10+62	RT	217		270.65																									1			1			1																			1					4.0	REMOVE 375 CONC
		217	218		269.18	270.44			22.8																																																		59.0	REMOVE 375 CONC
-Y14- 10+85	RT	218		271.35																									1			1			1																									
-Y14- 12+28	LT	219		270.95																									1							1	1																							
		219	220		270.26	270.19			4.8																																																			
-Y14- 12+28	LT	220		271.10																									1			1			1																									
		220	221		270.19	268.57			46.8																																																			
-Y14- 12+75	LT	221		269.48																									1			1			1																									
		221	222		268.57	266.81			52.8																																																			
-Y14- 13+28	LT	222		267.72																									1			1			1																									
		222	223		266.81	266.13			14.4																																																			
-Y14A-10+40	RT	223		266.97																									1										1		1																			
		223	224		266.13	265.91			15.6																																																			
-Y14A-10+40	LT	224		266.75																									1										1		1																			
		224	225		265.83	265.70				14.4																																																		
-Y14- 13+57	LT	225		266.69																									1			1			1																									
		225	226		265.70	263.31				64.8																																																		
-Y14- 14+22	LT	226		264.31																									1			1			1																									
		226	OUT		263.16	263.70					4.8																																																	
		226	227		263.16	262.54					16.8																																																	
-Y14- 14+39	LT	227		263.69																									1			1			1																									
		227	OUT		262.54	262.50					4.8																																																	
-Y14- 12+69.5	RT	228		269.97																									1													1									1	1	1							
		228	229		269.01	268.80			8.4																																																			
SHEET TOTAL									234.0	79.2	44.4																		15			10		1	9	2	2		2		2	1									1	1	1	4				0.05		
																																																											97.0	

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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