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

6/20/00

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

METRIC

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

"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) 300	375	450	600	750	900	1050	1200
		130A	130		271.42	270.72			15.6						
-L- 63+85	LT	130		271.64											
		130	131		270.72	271.46									
-L- 63+85	LT	131		271.15											
		130	132		270.72	271.01			40.8						
-L- 64+26	LT	132		272.15											
		132	133		271.01	271.08			14.4						
-L- 64+26	RT	133		272.73											
-L- 64+17	RT	128A													
		133	134		271.08	271.16			18.0						
-L- 64+26	RT	134		271.85											
		134	135		271.16	271.86			30						
-L- 64+56	RT	135		272.55											
		135	136		271.86	272.01			30						
-L- 64+86	RT	136		272.80											
-L- 64+85	RT	136A		273.07											
		136	136A		272.01	272.10			19.2						
-L- 64+47	RT	137													
-L- 64+80	RT	138													
-L- 65+06	RT	139													
-L- 65+30	LT	140		272.98											
		140	141		271.94	272.01			15.6						
-L- 65+14	LT	141		273.05											
		141	142		271.94	271.88			12						
-L- 65+14	RT	142		273.20											
		142	143		271.88	272.21			6						
-L- 65+14	RT	143		272.90											
-L- 65+20	RT	144													
-L- 65+37	RT	145													
-L- 65+65	LT	146		272.80											
		146	147		271.83	271.62			12						
-L- 65+64	RT	147		272.54											
		142	147		271.88	271.62			49.2						
-L- 65+72	RT	148		272.50											
		147	148		271.62	271.58			12						
		148	149		271.58	271.55			7.2						
-Y13- 10+18	RT	149		272.46											
		149	150		271.55	271.26			15.6						
-L- 65+94	RT	150		272.28											
		150	152		271.26	271.22	X		9.6						
SHEET TOTAL									307.2						

SIZE / THICKNESS OR GAUGE

STATION	LOCATION	FROM	TO	BITUMINOUS COATED C.S. PIPE TYPE B (UNLESS NOTED OTHERWISE) 300 (1.63)	400 (1.63)	450 (1.63)	600 (1.63)	800 (2.01)	900 (2.01)	1000 (2.77)	1200 (2.77)	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.
		130	131		6											
SHEET TOTAL					6											

STATION	LOCATION	FROM	TO	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
-L- 63+85	LT	130		1			1		1							
-L- 63+85	LT	131		1							1	1				
-L- 64+26	LT	132		1			1		1							
-L- 64+26	RT	133		1	0.15											
-L- 64+26	RT	134		1							1	1				
-L- 64+56	RT	135		1							1	1				
-L- 64+86	RT	136		1							1	1				
-L- 64+85	RT	136A		1							1	1				
-L- 65+30	LT	140		1							1	1				
-L- 65+14	LT	141		1							1	1				
-L- 65+14	RT	142		1			1		1							
-L- 65+14	RT	143		1							1	1				
-L- 65+65	LT	146		1							1	1				
-L- 65+64	RT	147		1			1		1							
-L- 65+72	RT	148		1							1	1				
-Y13- 10+18	RT	149		1			1	1								
-L- 65+94	RT	150		1			1	1								
SHEET TOTAL				17	0.15		6	2	4		10	10				

STATION	LOCATION	FROM	TO	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
-L- 64+26	RT	133		1									1	1	1
-L- 64+85	RT	136A		1											
-L- 65+30	LT	140		1	3										
-L- 65+14	LT	141		1											
-L- 65+65	LT	146		1											
SHEET TOTAL				5	3								1	1	1

STATION	LOCATION	FROM	TO	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
		130	131		2@400					
-L- 64+17	RT	128A							7.2	REMOVE 300 CONC
-L- 64+47	RT	137							7.5	REMOVE 300 CONC
-L- 64+80	RT	138							5	REMOVE 300 CONC
-L- 65+06	RT	139							6.3	REMOVE 300 CONC
-L- 65+20	RT	144							5.8	REMOVE 375 CONC
-L- 65+37	RT	145							5	REMOVE 300 CONC
SHEET TOTAL					2@400				36.8	

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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