6/20/00

COMPUTED BY: BW DATE: 05/04
CHECKED BY: LC DATE: 05/04

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

METRIC

PROJECT REFERENCE NO.	SHEET NO.
U-2717	3-L

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	300	375	450	600	750	900	1050	1200	C.S. PIPE	BITUMINOUS COATED C.S. PIPE TYPE B (UNLESS NOTED OTHERWISE) SIZE	150	400	450	600	SMOOTH STEEL PIPE	900	1050	PVC PIPE	150	CORRUGATED PLASTIC PIPE	300
								THICKNESS OR GAUGE									1.63		1.63	1.63	1.63								
–L– 43+17	LT	217																											
–L– 43+24	RT	218																											
–DR– 10+09	CL	220								26.4																			
–DR– 10+62	CL	220A			244.51	244.21										27.6													
–Y22– 20+96	LT	221		251.93							4.8																		
–Y22– 20+96	LT	221	222		250.58	251.30																							
–Y23– 11+74	CL	223			251.74	251.20					28.8																		
–Y23– 12+45	RT	224																			6								
–Y23– 12+52	RT	225																			8.4								
–L –28+78	CL	T1		253.39	251.89																								
–L –39+38	CL	T2		256.35	255.71																								
–L –40+00	CL	T3			256.00	250.00																							
–L –41+16	CL	T4			255.50	255.32				33.6																			
SHEET TOTAL										33.6	26.4	33.6					27.6										57.6		
GRAND TOTAL										910.8	1552.8	980.4	752.4	55.2	164.4	38.4	27.6		8.4	24		26.4		145.2	76.8	13.2	57.6		

STATION	300mm SIDE DRAIN PIPE	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 CU. METERS C.S.P.	QUANTITIES: STRUCTURES PER EACH (0 THRU 1.50)	FOR DRAINAGE "TOTAL MAY 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 (EA.)	D.I. FRAME & GRATE STD. 840.16 (EA.)	M.D.I. TYPE "B" STD. 840.18 OR 840.27 (EA.)	M.D.I. (N.S.) FRAME WITH TWO GRATES STD. 840.24 (EA.)	M.D.I. FRAMES AND WIDE SLOT GRATES STD. 840.22 (EA.)	J.B. STD. 840.31 OR 840.32 (EA.)	M.H. STD. 840.54 (EA.)	J.B. STD. 840.34 (EA.)	DRIVEWAY D.I. STD. 840.30 (EA.)	FRAME & GRATE FOR DRIVEWAY D.I. (meters) STD. 840.30	PARALLEL PIPE END SECTION STD. 310.02 OR 310.04	CROSS PIPE END SECTION STD. 310.03 OR 310.05	POLYMER LINE DRAIN W/WIDE SLOT GRATE SEE DETAIL SHEET (2-H)	PVC 150MM ELBOW NO. & SIZE	CORR. STEEL ELBOW NO. & SIZE	CONC. COLLARS CL "B" STD.840.72 (m^3)	CONC. & BRICK PIPE PLUG (m^3) STD.840.71	PIPE REMOVAL (meters)	REMARKS
–L– 43+17		6																										7.7	
–L– 43+24		6																											
–DR– 10+09																												10	
–DR– 10+62					4.6																							13.6	
–Y22– 20+96							1												1	1									REM HW
–Y22– 20+96																					1								
–Y23– 11+74																												20	REM 3 PIPES
–Y23– 12+45			6																									7.1	
–Y23– 12+52			8.4																									7.5	
–L –28+78							1										1	1											(TEMP/DRAINAGE)
–L –39+38							1										1		1										(TEMP/DRAINAGE)
–L –40+00																												57.6	(TEMP/DRAINAGE)
–L –41+16							1										1		1									33.6	(TEMP/DRAINAGE)
SHEET TOTAL		12	14.4		4.6		4										1	1		1	1			1				65.9	
GRAND TOTAL	16.8	28.8	14.4		15.8		186	23.36	9.01	143	24	66	53	21	21	13	3	10	2	7	5	2	16.4	1	2	14.4	2@150mm	1@150mm 2@400mm 2@600mm	2.42	1.33	2014.1	

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

TEMPORARY DRAINAGE

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