6/20/00

COMPUTED BY: WHY DATE: 10-04
CHECKED BY: SDK DATE: 11-04

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

METRIC

PROJECT REFERENCE NO.	SHEET NO.
R-2552B	3-E

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	BITUMINOUS COATED C.S. PIPE TYPE B (UNLESS NOTED OTHERWISE) 300	400	450	600	800	900	1000	1200
SIZE																							
THICKNESS OR GAUGE																1.63	1.63	1.63	1.63	2.01	2.01	2.77	2.77
RAMP 'A'																							
4+18	L	83	–	71.83	69.190																		
		83	97		69.190	68.500									27.6								
		83	98		70.520	72.678			48														
RAMP 'C'																							
2+60	L	84	–	77.900	77.060																		
		84	85		77.060	76.460			20.4														
2+60	R	85	–	77.300	76.460																		
		85	86		76.460	74.616			91.2														
3+50	R	86	–	76.066	74.616																		
		86	87		74.616	75.010			26.4														
		86	88		74.616	73.728					88.8												
3+50	L	87	–	76.230	75.010																		
RAMP 'D'																							
7+09	L	88	–	77.268	73.728																		
		88	89		73.728	73.476					20.4												
7+09	R	89	–	76.996	73.476																		
		89	90		73.476	84.730										25.2							
		89	92		74.787	77.919			105.6														
6+00	L	91	–	79.287	78.447																		
		91	92		78.447	77.919			19.2														
6+00	R	92	–	78.759	77.919																		
		89	93		73.476	72.516						96											
–Y11– REV.																							
19+25	L	93	–	76.596	72.516																		
		93	94		75.120	75.960			33.6														
19+40	R	94	–	76.800	75.960																		
		93	95		72.516	71.470	*					104.4											
18+20	L	95	–	74.600	71.470																		
		95	96		73.014	73.764			30														
18+20	R	96	–	74.604	73.764																		
		95	83		71.470	69.190							74.4										
SHEET TOTAL									374.4		109.2	200.4	74.4		27.6	25.2							

STATION	LOCATION (LT, RT, OR CL)	STRUCTURE NO. FROM	STRUCTURE NO. TO	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' + (1.3 X COL. 'B') METERS A 1.50 THRU 3.00	METERS B 3.00 AND ABOVE	D.I. STD. 840.15 OR STD. 840.14	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. FRAME WITH GRATE STD. 840.22	M.D.I. FRAME WITH TWO GRATES STD. 840.22	M.D.I. (W.S.) FRAME WITH GRATE STD. 840.20	M.D.I. (W.S.) FRAME WITH TWO GRATES STD. 840.20	J.B. STD. 840.31 OR 840.32	FRAME WITH N.S. FLAT GRATES STD. 840.29	T.B.D.I. STD. 840.35	M.H. FRAME AND COVER STD. 840.54	PRE-FORMED SCOUR HOLE SHEET 2-G	BDO	CORR. STEEL ELBOW NO. & SIZE	CONC. COLLARS, CL. "B" m^3 STD.840.72	CONC. & BRICK PIPE PLUG m^3 STD.840.71	PIPE REMOVAL (meters)	REMARKS
RAMP 'A'																													
4+18	L	83	–						1	1.14				1			1	1											
		83	97																										
		83	98																										
RAMP 'C'																													
2+60	L	84	–						1					1				1											
		84	85																										
2+60	R	85	–						1					1				1											
		85	86																										
3+50	R	86	–						1					1				1	1										
		86	87																										
		86	88																										
3+50	L	87	–						1					1				1	1										
RAMP 'D'																													
7+09	L	88	–						1	1.5	.54			1				1	1										
		88	89																										
7+09	R	89	–						1	1.5	.52			1				1	1										
		89	90																								1	1–400	
		89	92																										
6+00	L	91	–						1					1				1											
		91	92																										
6+00	R	92	–						1					1				1											
		89	93																										
–Y11– REV.																													
19+25	L	93	–						1	1.5	1.08			1				1											
		93	94																										
19+40	R	94	–						1					1				1											
		93	95																										
18+20	L	95	–						1	1.5	0.13			1				1											
		95	96																										
18+20	R	96	–						1					1				1											
		95	83																										
SHEET TOTAL									13	7.14	2.27			7	6		5	13								1	1–400		

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

10-MAR-2005 J002
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MBLetchworth