6/20/00

COMPUTED BY: J. Braxton DATE: 3-28-03
CHECKED BY: D. Noland DATE: 7-09-04

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

METRIC

PROJECT REFERENCE NO.	SHEET NO.
U-2912	3F

LIST OF PIPES, ENDWALLS, ETC. (FOR PIPES 1200 mm & UNDER)

STATION +/– / SIZE / THICKNESS OR GAUGE – L REV –	LOCATION (LT, RT, OR CL)	STRUCTURE NO. FROM	STRUCTURE NO. TO	IN TOP ELEVATION	OUT INVERT ELEVATION	INVERT ELEVATION	SLOPE CRITICAL	CLASS III R.C. PIPE (UNLESS NOTED OTHERWISE) 300	375	450	600	750	900	1050	1200
	RT	80	105		41.70	41.67			12.0						
	RT	105	100		41.67	38.20					46.8				
29+30	RT	100		40.72											
	RT	100	101		38.10	36.40					52.8				
30+00	RT	101		37.95											
	RT	101	102		36.30	35.70					22.8				
29+73	RT	102		37.46											
	RT	102	103		35.60	34.70					48				
30+00	RT	103		36.79											
	RT	103	104		34.70	34.55					79.2				
30+45	RT	104		35.70											
	RT	104	OUT		34.55	34.50					13.2				
29+14	RT	105		44.83											
SHEET TOTAL									12.0		262.8				
									999.6		548.4		55.2		
GRAND TOTAL										224.4		248.4			

STATION +/–	BITUMINOUS COATED C.S. PIPE TYPE B (UNLESS NOTED OTHERWISE) 300 / 1.63	375	400 / 1.63	450 / 1.63	600 / 1.63	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 OR STD. 838.11 (UNLESS NOTED OTHERWISE) CU. METERS R.C.P.	C.S.P.
29+30																		
30+00																		
29+73																		
30+00																		
30+45																		
29+14																		
SHEET TOTAL																		
			132.0															
GRAND TOTAL				14.4														

STATION +/–	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. FRAME WITH GRATE STD. 840.22	M.D.I. FRAME WITH TWO GRATES STD. 840.22	M.D.I. (N.S.) FRAME WITH GRATE STD. 840.24	M.D.I. (N.S.) FRAME WITH TWO GRATES STD. 840.24	J.B. STD. 840.31 OR 840.32	M.H. FRAME & COVER STD. 840.54	TBJB STD. 840.34	ADJUST CB	750 mm CSP 12GA 2.75mm TH. METHOD B		1200 mm RCP CLASS IV—METHOD B	1500 mm RCP CLASS IV—METHOD B
29+30	1											1				1									
30+00	1											1				1									
29+73	1											1				1									
30+00	1											1				1									
30+45																		1	1						
29+14	1																		1	1					
SHEET TOTAL	5			4								4						1	2	1					
		5.94			7		24																		
GRAND TOTAL	92			72		42						8			4	4		2	11	9	1	49.2		40.8	84

STATION +/–							CORR. STEEL ELBOW NO. & SIZE	CONC. ELBOWS 375 MM	CONC. COLLARS, CL. "B" m^3 STD.840.72	CONC. & BRICK PIPE PLUG m^3 STD.840.71	PIPE REMOVAL (meters)	REMARKS
29+30												
30+00												
29+73												
30+00												
30+45												
29+14												
SHEET TOTAL												
									2.63			
							8 @ 400				79.9	
GRAND TOTAL							2 @ 450					

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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