6/20/00

COMPUTED BY: S.P. ASHLEY DATE: 06/06/02
CHECKED BY: JRH DATE: 11/1003

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

METRIC

PROJECT REFERENCE NO.	SHEET NO.
R-0513A	3-G

LIST OF PIPES, ENDWALLS, ETC. (FOR PIPES 1350 mm & OVER)

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 SIZE 1350	1500	1650	1800	1950	2100	CLASS IV R.C. PIPE SIZE 1350	1500	1650	BITUMINOUS COATED C.S. PIPE TYPE B SIZE 1400			1500			STRUCTURAL PLATE PIPE SIZE 1500			1650			1800			REINFORCED ENDWALLS CLASS "A" CONC. WITH R.C. cu. m.	WITH C.S. cu. m.	QUANTITIES: STRUCTURES FOR DRAINAGE "TOTAL M. FOR PAY QUANTITY SHALL BE COL. 'A' + (1.5 X COL. 'B') PER EACH (0 THRU 1.50)	METERS 1.50 THRU 3.00 A	METERS 3.00 AND ABOVE B	C.B. STD. 840.01 OR 840.02	M.D.I. FRAME WITH TWO GRATES STD. 840.22	M.D.I. TYPE "A" STD. 840.17 OR 840.26	CONC. COLLARS, CL. "B" m^3 STD.840.72	PIPE REMOVAL	REMARKS
THICKNESS OR GAUGE		FROM	TO														2.77	3.51	4.27	2.77	3.51	4.27	2.77	3.51	4.27	2.77	3.51	4.27										
–RPCY1–																																					
13+10	CL.	12			51.84	51.64	x									64.8															4.8								
–SR1–																																					
17+33	RT.	15	16		51.30	51.28	x			18																										2.28		
17+23	RT.	16		54.30																												1	1.5	.02		1	1			
17+33	RT.	16	17		51.28	51.24	x			37.4																												52.3	
17+45	RT.	17		55.80																												1	1.5	1.56		1	1			
17+54	CL.	17	18		51.24	51.21	x			37.0																													
–SR2–																																					
15+41	CL.	48			51.75	51.65	x	26.4																							3.8								
–Y2–																																					
18+94	CL.	142			49.30	49.20	x							69.6																	3.8							16.7	REM EX. 600 PIPE
–SR3–																																					
13+80	CL.	147			49.00	48.94	x	31.2																							3.8							9.0	REM EX. 600 PIPE
–TEMPY1–																																					
13+00	CL.	177			51.60	51.50											28.8																				28.8	TEMPORARY PIPE
SHEET TOTAL								57.6		92.4				69.6		64.8	28.8														16.2		2	3	1.58		2	2		2.28		106.8	
PROJECT TOTALS: R-0513A 1350 mm and over								57.6		92.4				69.6		64.8	28.8														16.2		2	3	1.58		2	2		2.28			
PROJECT TOTALS: R-0513BA 1350 mm and over								315.6																							9.1											
GRAND TOTALS 1350 mm and over								373.2		92.4				69.6		64.8	28.8														25.3		2	3	1.58		2	2		2.28		106.8	NOTE: INCL 106.8m PIPE REM & 2.28CM CONC. COLLARS ON 1200mm SHEET TOTALS

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

21-SEP-2004 07:09
C:\Projects\R0513A\R0513Asum
JRHatfield

AT 1 OF 1