RD214491,2/16/2005,R:\Roadway\computation\Final\b3875_RDY_Drainage_sum.xls

RD01S02B

COMPUTED BY: ITY DATE: 8/11/2004

CHECKED BY: JBT DATE: 9/27/2004

PROJECT NO.	SHEET NO.
B-3875	3-A

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

LIST OF PIPES, ENDWALLS, ETC. (FOR PIPES 48" & UNDER)

STATION / SIZE / THICKNESS OR GAUGE	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) 12"	15"	18"	24"	30"	36"	42"	48"	BITUMINOUS COATED C.S. PIPE TYPE B (*NONCOATED C.S. PIPE TYPE B) 12" .064	15" .064	18" .064	24" .064	30" .079	36" .079	42" .109	48" .109	15" SIDE DRAIN PIPE	18" SIDE DRAIN PIPE	24" SIDE DRAIN PIPE	'L' ENDWALLS STD. 838.05 OR STD. 838.15 UNLESS NOTED OTHERWISE CU. YARDS R.C.P.	C.S.P.	QUANITIES FOR DRAINAGE STRUCTURES *TOTAL L.F. FOR PAY QUANTITY SHALL BE COL. 'A' + (1.3 X COL.'B') PER EACH (0' THRU 5.0')	LIN. FT. A 5.0' THRU 10.0'	LIN. FT. B 10.0' AND ABOVE	C.B. STD. 840.01 OR STD. 840.02	FRAME, GRATES, AND HOOD STANDARD 840.03 TYPE OF GRATE E	F	G	M.D.I. TYPE "B" STD. 840.18 OR STD. 840.27	T. B. DROP INLET STD. 840.36	BRIDGE APPROACH D.I. SEE DETAIL SHEET 2-A	M.D.I.(N.S.)FRAME WITH TWO GRATES STD. 840.24	M.D.I.FRAME WITH TWO GRATES STD. 840.29	J.B. STD. 840.31 OR 840.32	15" BIT. COATED CORR. STEEL ELBOWS, TYPE "B" NO.	REMARKS
-L- 10+22	RT	1																									1																
		1	2		401.0	393.5			76																																		
-L- 11+00	RT	2		397.00																									1												1		
		2	3		393.0	392.5			8																																		
-L- 11+00	RT	3		399.73																									1	2.23						1				1			
		3	4		392.50	375.70			388																																		
-L- 14+87	RT	4		378.74																									1							1				1			
		4	5		375.70	362.20											80																									2	
-L- 16+73	LT	6		376.68																									1									1		1			
		6	7		373.93	373.43			28																																		
-L- 16+73	RT	7		376.68																									1									1		1			
		7	8		373.43	372.93			16																																		
-L- 16+55	RT	8		376.52																									1								1			1			
		8	9		372.93	357.30											48																									2	
-L- 19+03	LT	10		377.80																									1							1			1				
		10	11		375.05	374.55			56																																		
-L- 19+03	RT	11		377.80																									1							1			1				
		11	12		374.55	368.00											92																									2	
TOTAL									572								220										1		8	2.23						4	1	2	2	5	1	6	TOTALS
SAY																														3													SAY

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 JUNCTION BOX
M.D.S.	MASONRY DRAINAGE STRUCTURES