DS214565,8/27/2004,W:\TIP_Project_Files\Scheffel\B-4134\Roadway\Proj\100% plans\B4134.drn_summaries.100%.xls

DS214565

COMPUTED BY: MST DATE: 8/18/2004

CHECKED BY: DATE:

PROJECT NO.	SHEET NO.
B-4134	3-B

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

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

CLASS III R.C. PIPE (UNLESS NOTED OTHERWISE)

~~BITUMINOUS COATED~~ C.S. PIPE ~~TYPE B~~ (UNLESS NOTED OTHERWISE)

ENDWALLS STD. 838.01 OR STD. 838.11 (UNLESS NOTED OTHERWISE)

QUANITIES FOR DRAINAGE STRUCTURES

*TOTAL L.F. FOR PAY QUANTITY SHALL BE COL. 'A' + (1.3 X COL.'B')

FRAME, GRATES, AND HOOD STANDARD 840.03 — TYPE OF GRATE

STATION / SIZE / THICKNESS OR GAUGE	LOCATION (LT, RT, OR CL)'	STRUCTURE NO. FROM	STRUCTURE NO. TO	TOP ELEVATION	INVERT ELEVATION	INVERT ELEVATION	SLOPE CRITICAL	R.C. 12"	R.C. 15"	R.C. 18"	R.C. 24"	R.C. 30"	R.C. 36"	R.C. 42"	R.C. 48"	C.S. 12" .064	C.S. 15" .064	C.S. 18" .064	C.S. 24" .064	C.S. 24"	C.S. 30" .079	C.S. 30"	C.S. 36" .079	C.S. 36"	C.S. 42" .109	C.S. 42"	C.S. 48" .109	C.S. 48"	15" SIDE DRAIN PIPE	18" SIDE DRAIN PIPE	24" SIDE DRAIN PIPE	ENDWALLS CU. YARDS R.C.P.	ENDWALLS CU. YARDS C.S.P.	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	E	F	G	D.I. STD. 840.14 OR STD. 840.15	D.I. FRAME AND 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. 840.20	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	T.B.D.I. STD. 840.35	B.A.D.I. (SEE SPECIAL DETAIL SHEET 2J)	D.I. FRAMES & NS FLAT GRATES STD. 840.29	CORR. STEEL ELBOWS NO. & SIZE	CONC. COLLARS CL. "B" C.Y. STD. 840.72	CONC. & BRICK PIPE PLUG, C.Y. STD. 840.71	PIPE REMOVAL LIN. FT.	REMARKS
15+00	LT	1		88.36	85.61																													1																	1	1					
15+00	LT	1	OUT			84.00											12																																				2 @ 15"				
15+30	RT	2		88.18	85.43																													1																1		1					
15+30	RT	2	OUT			83.60											16																																				2 @ 15"				
SHEET TOTALS																	28																	2																1	1	2	4 @ 15"				

ABBREVIATIONS

C.B.	CATCH BASIN
D.I.	DROP INLET
M.D.I.	MEDIAN DROP INLET
M.D.I.(N.S.)	MEDIAN DROP INLET (NARROW SLOT)
T.B.D.I.	TRAFFIC BEARING DROP INLET
B.A.D.I.	BRIDGE APPROACH DROP INLET