9/16/02

COMPUTED BY: JBG DATE: 05-15-03
CHECKED BY: DWG DATE: 11/24/04

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

PROJECT REFERENCE NO.	SHEET NO.
U-3837	3-A

LIST OF PIPES, ENDWALLS, ETC. (FOR PIPES 48" & 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) 12"	15"	18"	24"	30"	36"	42"	48"	BITUMINOUS COATED C.S. PIPE TYPE B (UNLESS NOTED OTHRWISE) 12"	15"	18"	24"	30"	36"	42"	48"	15" SIDE DRAIN PIPE	18" SIDE DRAIN PIPE	24" SIDE DRAIN PIPE	ENDWALLS STD. 838.01, STD. 838.11 OR STD. 838.80 (UNLESS NOTED OTHERWISE) CU. YDS. R.C.P.	CU. YDS. C.S.P.	QUANTITIES FOR DRAINAGE STRUCTURES * TOTAL L.F. FOR PAY QUANTITY SHALL BE COL. 'A' + (1.3 X COL.'B') LIN. FT. A	LIN. FT. B	PER EACH (0' THRU 5.0')	5.0' THRU 10.0'	10.0' AND ABOVE	C.B. STD. 840.04 OR STD. 840.05	FRAME, GRATES AND HOOD STANDARD 840.03 TYPE OF GRATE E	F	G	D.I. STD. 840.14 OR STD. 840.15	D.I. FRAME & GRATES STD. 840.16	M.D.I. TYPE "B" STD. 840.18 OR 840.27	M.D.I. (NS) FRAME WITH TWO GRATES STD. 840.24	J.B. STD. 840.31 OR 840.32	M.H. FRAME & COVER STD. 840.54	PERFORMED SCOUR HOLE	CONC. APRON FOR DROP INLET	30" RCP, CLASS IV	T.B.J.B. STD. 840.34	BIT COAT CS ELBOWS NO. & SIZE	FLOWABLE FILL	CONC. COLLARS CL. "B" C.Y. STD 840.72	CONC. & BRICK PIPE PLUG, C.Y. STD. 840.71	PIPE REMOVAL LIN.FT.	REMARKS
–L– 11+18.50	RT.	1																											1			1			1														
–L– 11+18.50	RT.		1	827.43					68																																							.399		65	REM 15" RCP & CB
–L– 11+18.50	RT.	1	2		824.18	818.60				160																																								160	REM 18" RCP & CB
–L– 12+78.00	RT.	2		823.47	818.60																								1			1			1														
–L– 13+89.00	LT.	3																											1																				76	REM DI, FES, & 18" RCP
–L– 15+49.00	RT.	4		819.28	816.11																								1				1	1															
–L– 15+49.00	RT.	4	5		816.11	813.88			116																																										
–L– 16+66.00	RT.	5		817.05	813.88																								1				1	1															
–L– 16+66.00	RT.	5	6		813.88	811.23			128																																										
–L– 17+93.00	RT.	6		814.23	811.23																								1			1			1														
–L– 17+93.00	RT.	6	7		811.23	810.85			28																																										
–L– 18+00.00	RT.	7		813.85	810.85																								1			1			1														
–L– 18+00.00	RT.	7	11		810.85	807.32			160																																										
–L– 18+80.00	℄	8		812.92	809.92																								1			1			1														
–L– 18+80.00	℄	8	9		809.92	807.85			68																																										
–L– 19+51.00	℄	9		811.35	807.85																								1			1			1														
–L– 19+51.00	℄	9	10		807.85	808.30			36																																										
–L– 19+51.00	LT.	10		811.30	808.30																								1			1				1														40	REM CB, HW, AND 18" RCP
–L– 19+51.00	℄	9	11		807.85	807.32			40																																										
–L– 19+58.00	RT.	11		811.82	807.32																								1			1			1														
–L– 19+58.00	RT.	11	12		807.32	771.00											100																															2@15"				
–L– 19+80.00	RT.	12		784.50	771.00																								1					1	1														26.5			
–L– 19+80.00	RT.	12	13		771.00	770.50					28																																								
–L– 20+10.00	RT.	13		784.35	770.50																								1	5	3.85			1	1															
–L– 20+44.00	℄	13	14		770.50	768.00					240																																								
–L– 20+67.00	LT.	14		781.50	768.00																								1	5	3.5			1	1															
SHEET TOTAL									644		268						100												13	10	7.35	8		7	1		2	2	3	3			2					2@15"	26.5	.399		341	
										160																																								

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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