RD208394

COMPUTED BY: J. EVANS DATE: 5/18/2004
CHECKED BY: B. C. KEY DATE: 5/21/2004

PROJECT NO.	SHEET NO.
B-3879	3-A

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

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 OTHERWISE) 12"	15"	18"	24"	30"	C.S. PIPE TYPE B (UNLESS NOTED OTHERWISE) 18"	24"	30"	15" SIDE DRAIN PIPE	18" SIDE DRAIN PIPE	24" SIDE DRAIN PIPE	ENDWALLS STD. 838.01 OR STD. 838.11 (UNLESS NOTED OTHERWISE) CU. YARDS R.C.P.	C.S.P.	QUANTITIES 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	TRAFFIC BEARING DROP INLET, STD. 840.36	FRAMES AND N. S. FLAT GRATES, STD. 840.29	T.B.J.B. STD. 840.34	M.H. FRAME AND COVER STD. 840.54	BRIDGE APPROACH D.I., DETAIL SHEET 2-O	CORR. STEEL ELBOWS NO. & SIZE	CONC. COLLARS CL. "B" C.Y. STD. 840.72	PREFORMED SCOUR HOLE, EA	PIPE REMOVAL LIN. FT.	REMARKS
DET 14+10	LT	20		115.9																									1						1	1										Fill After Removal of Detour
DET 14+10	CL	20	21		112.9	112.0															52																								52	
DET 16+50	RT	22																																									1		
DET 19+00	RT	23	24		111.5	114.37																142																				0.55		142	
SUB TOTAL																					52	142							1						1	1							0.55	1	194	
L- 11+15	LT	1	2																					24																					17	
L- 11+90	LT	3	4																					24																					17	
L- 14+00	LT	5	6																					32																						
L- 21+30	LT	7	OUT		119.00	113.0											24																									2-15"				
L- 21+30	LT	7		121.75																									1						1	1										
L- 23+85	LT	8	OUT		120.93	118.0											32																									2-15"				
L- 23+85	LT	8		123.68																									1							1			1							
L- 26+10	RT	25	9		118.76	118.39					28																																0.55			
L- 26+30	RT	9	OUT		118.76	119.50					36																																				
L- 26+30	RT	9		123.45																									1							1	1										
L- 28+18	RT	10	11																						24																				21	
L- 28+90	RT	12	13																						24																				20	
L- 28+90	LT	14	15																					24																					21	
Y2- 12+10	RT	16	17																					20																						
Y2- 12+65	RT	18	19																					24																						
SUB TOTAL											64						56							148	48				3						1	2	1	1	1				4-15"	0.55		96	
TOTAL											64						56				52	142		148	48				4						2	3	1	1	1				4 - 15"	1.10	1	290	
SAY											**72**						**64**				**60**	**154**		**160**	**56**				**4**						**2**	**3**	**2**	**1**	**1**				**4 - 15"**	**1.10**	**1**	**300**	

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