COMPUTED BY: JOHN OBLESBY DATE: 11/17/2003

CHECKED BY: Jim Davis DATE: 11/20/2003

PROJECT NO.	SHEET NO.
B-3614	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
10+80	LT	1		2180.51	2177.76		
		1	2		2177.76	2173.73	
12+28	LT	2		2176.73	2173.73		
		2	OUT		2173.73	2173.28	X
13+65	LT	3		2174.82	2172.07		
		3	OUT		2172.07	2169.43	
15+70	LT	4			2170.47	2169.89	
TOTAL							

CLASS III R.C. PIPE (UNLESS NOTED OTHERWISE) / BITUMINOUS COATED C.S. PIPE TYPE B (UNLESS NOTED OTHERWISE)

STATION	RCP 12"	RCP 15"	RCP 18"	RCP 24"	RCP 30"	RCP 36"	RCP 42"	RCP 48"	CSP 12" .064	CSP 15" .064	CSP 18" .064	CSP 24" .064	CSP 30" .079	CSP 36" .079	CSP 42" .109	CSP 48" .109
10+80																
		140														
12+28																
			112													
13+65																
										12						
15+70																
TOTAL		140	112							12						

STATION	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.	QUANITIES FOR DRAINAGE STRUCTURES PER EACH (0' THRU 5.0')	*TOTAL L.F. FOR PAY QUANTITY SHALL BE COL. 'A' + (1.3 X COL.'B') LIN. FT. A 5.0' THRU 10.0'	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
10+80						1						
12+28						1						
13+65						1						
15+70	28											
TOTAL	28					3						

STATION	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. 840.29	J.B. STD. 840.31 OR 840.32	C.B. STD. 840.04 OR 840.05	MANHOLE STD. 840.51	M.H. STD. 840.51 OR 840.53	M.H. FRAME AND COVER STD. 840.54	TRAFFIC BEARING D.I. STD.840.35	BERM DRAINAGE OUTLET STD. 850.10 OR STD. 850.11	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
10+80				1				1													
12+28				1					1												2 G.I. W / FLAT GRATES
13+65				1					1												2 G.I. W / FLAT GRATES
15+70																					
TOTAL				3				1	2												

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