COMPUTED BY: HDG DATE: 08/29/2024

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DIVISION OF HIGHWAYS
STATE OF NORTH CAROLINA
LIST OF PIPES, ENDWALLS, ETC. (FOR PIPES 48" & UNDER)

BR-0063

HYD | 3D-1

NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
ANSON COUNTY

ROADWAY DESIGN UNIT

STATION	LOCATION (LT,RT, OR CL)	STRUCTURE NO. FROM	STRUCTURE NO. TO	TOP ELEVATION	INVERT ELEVATION	INVERT ELEVATION	SLOPE CRITICAL
18+29	LT	0401	0402	301.4	295.4	289.9	
18+29	LT	0402	0403	294.0	289.9	286.0	
21+85	LT	0503	0501	304.2	298.2	293.6	
21+85	LT	0501	0502	297.6	293.6	292.0	
TOTAL							

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

STATION (SIZE / THICKNESS OR GAUGE)	RCP 12"	RCP 15"	RCP 18"	RCP 24"	RCP 30"	RCP 36"	RCP 42"	RCP 48"	BCCSP 12" .064	BCCSP 15" .064	BCCSP 18" .064	BCCSP 24" .064	BCCSP 24"	BCCSP 30" .079	BCCSP 30"	BCCSP 36" .079	BCCSP 36"	BCCSP 42" .109	BCCSP 42"	BCCSP 48" .109	BCCSP 48"
18+29										20											
18+29										39											
21+85										21											
21+85		36																			
TOTAL		36								80											

CLASS III R.C. PIPE OR ALUMINIZED C.S. PIPE, TYPE IR OR HDPE PIPE, TYPE S OR D; ENDWALLS STD. 838.01, STD. 838.11 OR STD. 838.80 (UNLESS NOTED OTHERWISE)

STATION	12"	15"	18"	24"	30"	36"	42"	48"	15" SIDE DRAIN PIPE	18" SIDE DRAIN PIPE	24" SIDE DRAIN PIPE	ENDWALLS CU. YDS. R.C.P.	ENDWALLS CU. YDS. C.S.P.
18+29													
18+29													
21+85													
21+85													
TOTAL													

QUANTITIES 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

STATION	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	TYPE OF GRATE E	TYPE OF GRATE F	TYPE OF GRATE G		
18+29	1	1							
18+29	1								
21+85	1	1							
21+85	1								
TOTAL	4	2							

STATION	D.I. STD. 840.14 OR STD. 840.15	D.I. FRAME & GRATE STD. 840.16	G.D.I. TYPE "A" STD. 840.17 OR 840.26	G.D.I. TYPE "B" STD. 840.18 OR 840.27	G.D.I. TYPE "D" STD. 840.19 OR 840.28	G.D.I. FRAME WITH GRATE STD. 840.22	G.D.I. FRAME WITH TWO GRATES STD. 840.22	G.D.I. (N.S.) FRAME WITH GRATE STD. 840.24	G.D.I. (N.S.) FRAME WITH TWO GRATES STD. 840.24	T.B.D.I. STD. 840.36	STEEL FRAME WITH TWO GRATES STD. 840.37								CORR. STEEL ELBOWS 15"	CONC. COLLARS CL. "B" C.Y. STD 840.72	CONC. & BRICK PIPE PLUG, C.Y. STD. 840.71	PIPE REMOVAL LIN.FT.	REMARKS
18+29										1	1												T.B.D.I.
18+29	1	1																	1				
21+85										1	1												T.B.D.I.
21+85	1	1																					
TOTAL	2	2								2	2								1				

ABBREVIATIONS

C.B.	CATCH BASIN
N.D.I.	NARROW DROP INLET
D.I.	DROP INLET
G.D.I.	GRATED DROP INLET
G.D.I. (N.S.)	GRATED 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

PREPARED BY

ARCADIS

175 REGENCY WOODS PLACE, STE 400, CARY, NC 27518
Phone: 919-854-1282, License #: F-0299

REVISIONS