DocuSign Envelope ID: E75D07EB-649C-4F02-83CB-9AEA88AFBCC6

5/14/99

COMPUTED BY: KFB	DATE: 10–19–17
CHECKED BY: JSB	DATE: 10–19–17

PROJECT REFERENCE NO.	SHEET NO.
17BP.14.R.149	3D-1

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	DRAINAGE PIPE (RCP, CSP, CAAP, HDPE, or PVC) SIZE							C.S. PIPE (UNLESS NOTED OTHRWISE) SIZE							CLASS V R.C. PIPE (UNLESS OTHERWISE NOTED) SIZE							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.		QUANTITIES FOR DRAINAGE STRUCTURES * TOTAL L.F. FOR PAY QUANTITY SHALL BE COL. 'A' + (1.3 X COL. 'B')			C.B. STD. 840.01 OR STD. 840.02	FRAME, GRATES AND HOOD STANDARD 840.03 TYPE OF GRATE			D.I. STD. 840.15 OR STD. 840.14	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. FRAMES AND NARROW SLOT FLAT GRATES STD. 840.29	T.B.D.I. STD. 840.35	FLOWABLE FILL					J.B. STD. 840.31 OR 840.32			6" HDPE	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
THICKNESS OR GAUGE								12"	15"	18"	24"	30"	36"	42"	12"	15"	18"	24"	30"	36"	42"	48"	12"	15"	18"	24"	30"	36"	42"	48"				R.C.P.	C.S.P.	PER EACH (0' THRU 5.0')	5.0' THRU 10.0' A	10.0' AND ABOVE B		E	F	G																		
															.064	.064	.064	.064	.079	.079	.109	.109																																	
–L– Sta. 13+93	RT	0401		2853.3																																1												1	1									
–L– Sta. 13+93	RT	0401	0402		2851.4	2850.7			12′																																																
–L– Sta. 14+50	RT	0403			2854.7	2851.0																			52′																																
–L– Sta. 12+95	LT	0404			2858.9	2856.1												36′																																							
–L– Sta. 12+36	RT	0405																																																				18′					PROPOSED SPRING BOX
–L– Sta. 14+11	CL																																																							110′	18" CMP
TOTAL									12′									36′							52′											1												1	1							18′				110′	

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

5/25/2021 2:16:57 PM
C:\Users\jbessent\AD\185_sum.dgn
jbessent\kzapatrick