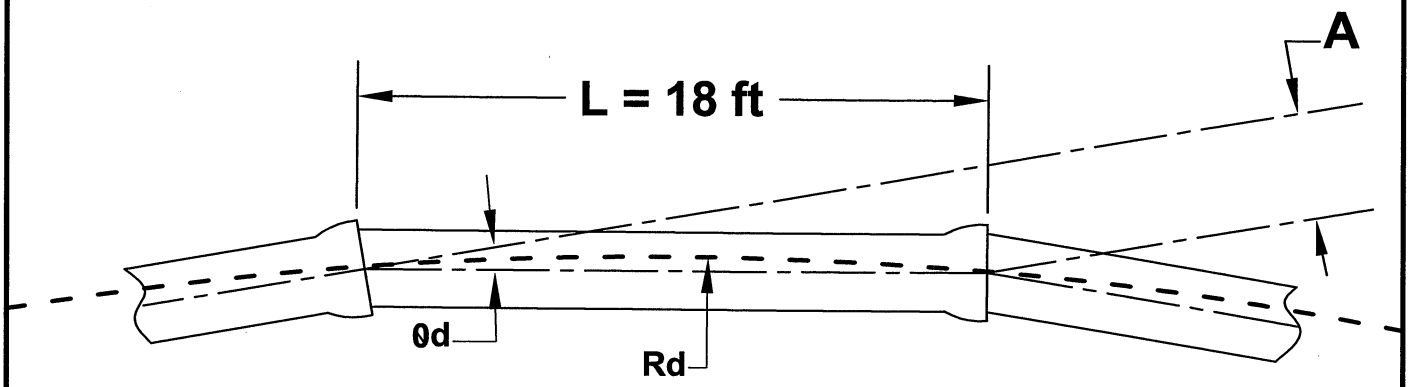

0d = Maximum joint deflection angle (degrees)

A = Offset at the end of the pipe (inches)

Rd = Minimum radius of curve produced by succession of joints (feet)

MAXIMUM JOINT DEFLECTION FOR DUCTILE IRON PIPE

Size Of Pipe (inches)	UNRESTRAINED JOINTS			RESTRAINED JOINTS		
	Maximum Deflection Angle, "0d" (degrees)	Minimum Radius, "Rd" (feet)	Offset At Free End, "A" (inches)	Maximum Deflection Angle, "0d" (degrees)	Minimum Radius, "Rd" (feet)	Offset At Free End, "A" (Inches)
4	2.5	400	10	2.5	400	10
6	2.5	400	10	2.5	400	10
8	2.5	400	10	2.5	400	10
10	2.5	400	10	2.5	400	10
12	2.5	400	10	2.5	400	10
14	2.5	400	10	2.0	500	8
16	2.5	400	10	2.0	500	8
18	2.5	400	10	2.0	500	8
20	2.5	400	10	1.25	800	5
24	2.5	400	10	1.25	800	5
30	2.5	400	10	1.00	1100	4
36	2.5	400	10	0.75	1400	3
42	2.0	500	8	0.25	4000	1

DIRECTOR, DEPARTMENT OF WATER RESOURCES

COUNTY OF SACRAMENTO

MAXIMUM DEFLECTION FOR DUCTILE IRON PIPE

SCALE: NONE
DATE: 09/24

8-9A