



$\varnothing d$ = MAXIMUM 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	UNRESTRAINED JOINTS			UNRESTRAINED JOINTS		
	MAXIMUM DEFLECTION ANGLE, " $\varnothing d$ "	MINIMUM RADIUS, " Rd "	OFFSET AT FREE END, " A "	MAXIMUM DEFLECTION ANGLE, " $\varnothing d$ "	MINIMUM RADIUS, " Rd "	OFFSET AT FREE END, " A "
(INCHES)	(DEGREES)	(FEET)	(INCHES)	(DEGREES)	(FEET)	(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

ORANGE VALE WATER COMPANY



**MAXIMUM DEFLECTION
FOR DUCTILE IRON PIPE**

SCALE: NONE
DATE: 05/12

OV-5A