Virtual Monopoly

How does Ohio’s incumbent water pipe material maintain control of supply in certain markets?

All underground straight lengths of pipe larger than 2 inches shall be of Class 53 cement lined ductile iron with push-on joints including two brass wedges per joint. Pipe shall be installed with 4 inches of cover. See detailed specifications for approved pipe, fittings, bolts, etc., for water line installation (Ann. #14908).

Maintain a 10 foot horizontal clearance from edge of water line to edge of sanitary and storm sewers.

Applicable standards:
- USDOT: General Permit
- OSU: Submittal of Plans & Specifications
- Contract: Contract for Construction
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- Ohio DOT: OH-8597
- AWWA C151

MATERIAL SPECIFICATIONS

A. WATER MAIN SHALL BE AWWA C-151 DUCTILE IRON PIPE, CLASS 52 FOR 4 INCH TO 16 INCH AND CLASS 54 FOR 20 INCH AND GREATER, WITH SLIP-ON JOINTS AND RUBBER GASKETS.