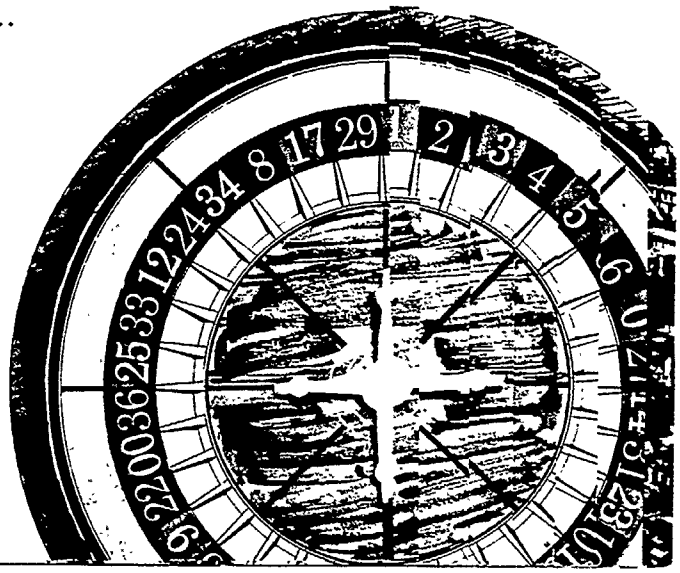
PLAINTIFF'S
EXHIBIT
JMMC-221

your water system...

why gamble when you can play it safe?



Just look at the high cost of guessing wrong!

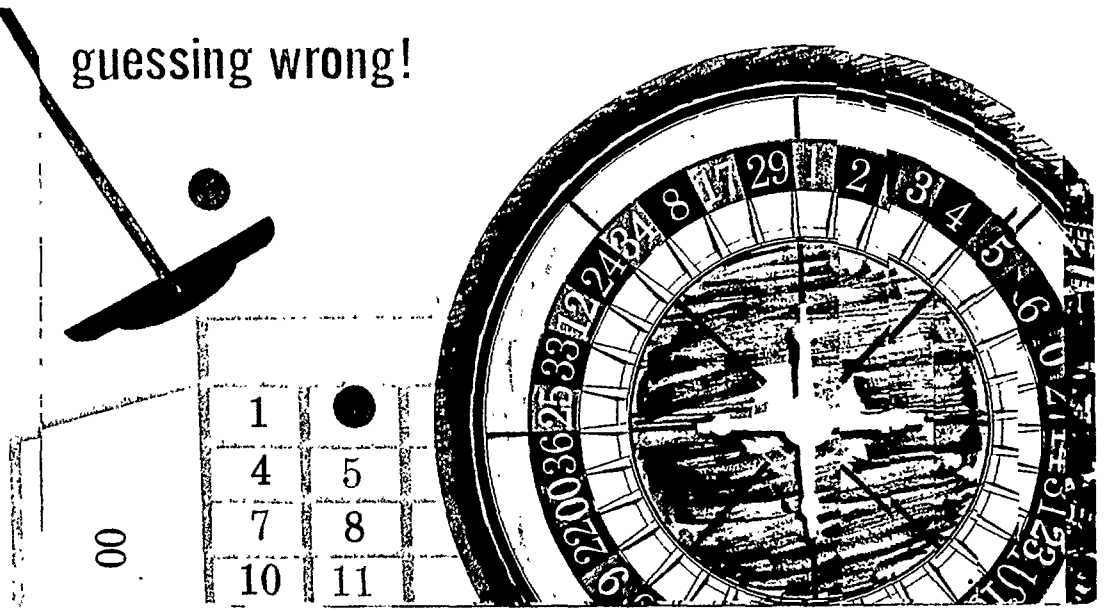
Too often we second-guess ourselves, saving money on the initial investment of an item and overlooking future costs. This has already been the experience of water officials in many cities where inferior water supply pipe has given them nothing but headaches since installation.

How cast iron pipe eliminates needless gambling

Modern, cement-lined cast iron pipe is corrosion resistant. Cast iron pipe's ability has been proved in thousands of cases and in thousands of places, from city water systems to military bases and golf courses. Here is performance that is *no* gamble . . . that you can depend on!

What about your water supply system?

Are you risking failure? Possibly you have had no difficulty with nonmetallic mains. But one serious failure can offset any savings that you may have made initially. Here is what happened in five communities that experienced just this sort of problem . . . and in one town that has never had a serious failure because it never made a needless gamble!

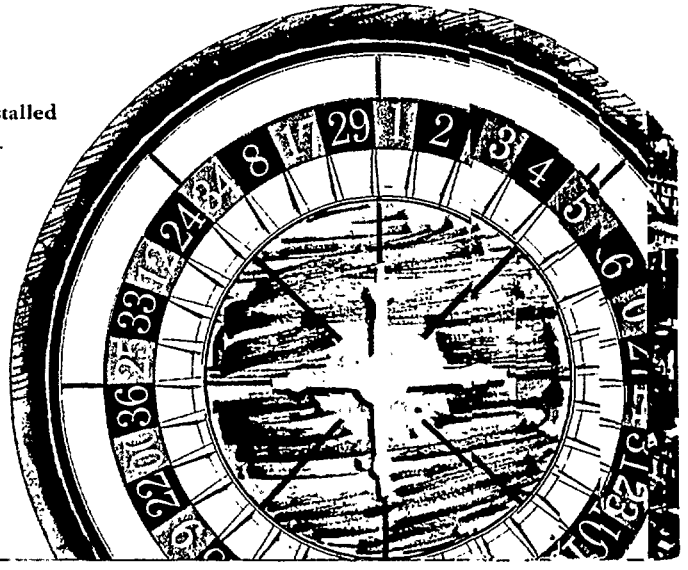




They gambled in Illinois

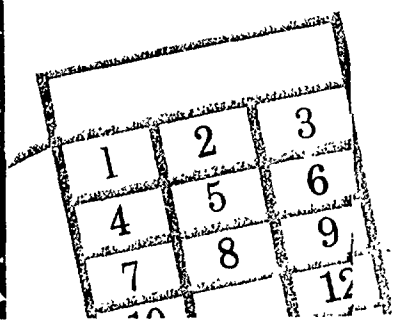
This 6" asbestos-cement pipe, installed in a housing project, broke while being tested under 150 pounds of water pressure. This was their second failure, the other occurring at 100 pounds.

Look at the time and money wasted on this project—before the pipe was even put in service! Consider cast iron pipe: 46 American water utilities are still using the original cast iron pipe mains laid in their cities *over a century ago!*



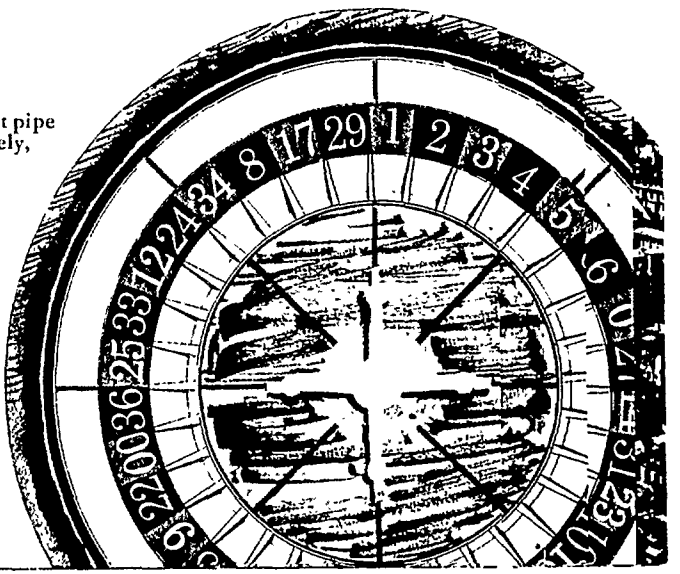


They gambled in Wisconsin

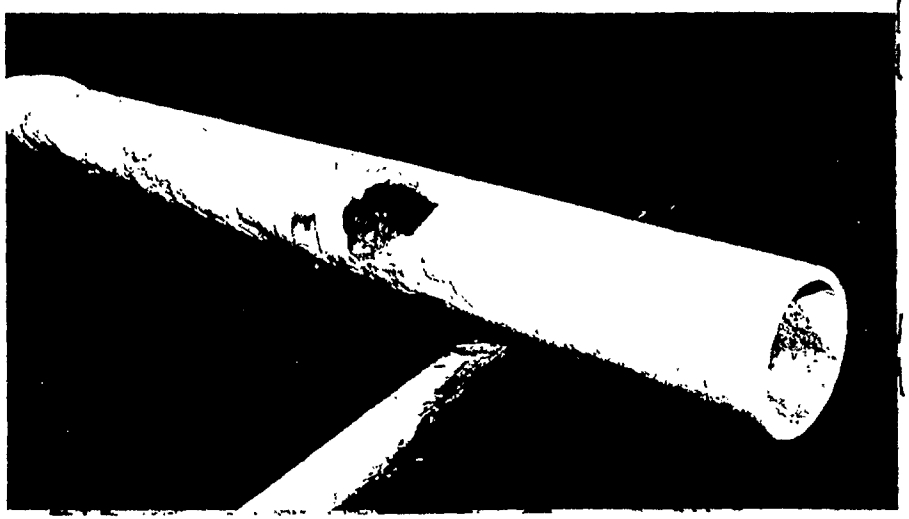


Here a length of 4" asbestos-cement pipe actually broke in two. Unfortunately, the break occurred under a street that had just been black-topped the previous year, causing the town additional costs for both pipe and street repairs.

These people learned the hard way that original pipe installation costs can be deceiving. Had cement-lined cast iron pipe been selected, they would have saved maintenance and labor costs —not to mention the fact that the pipe would still be operating efficiently!



They gambled in Texas

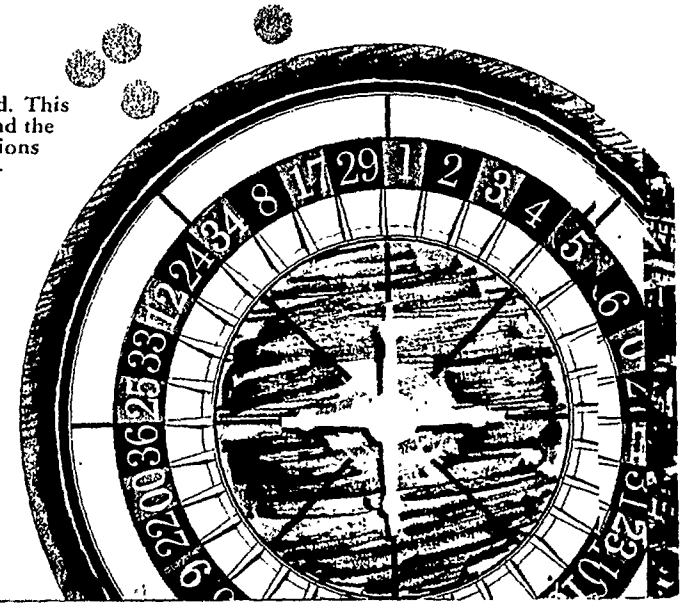


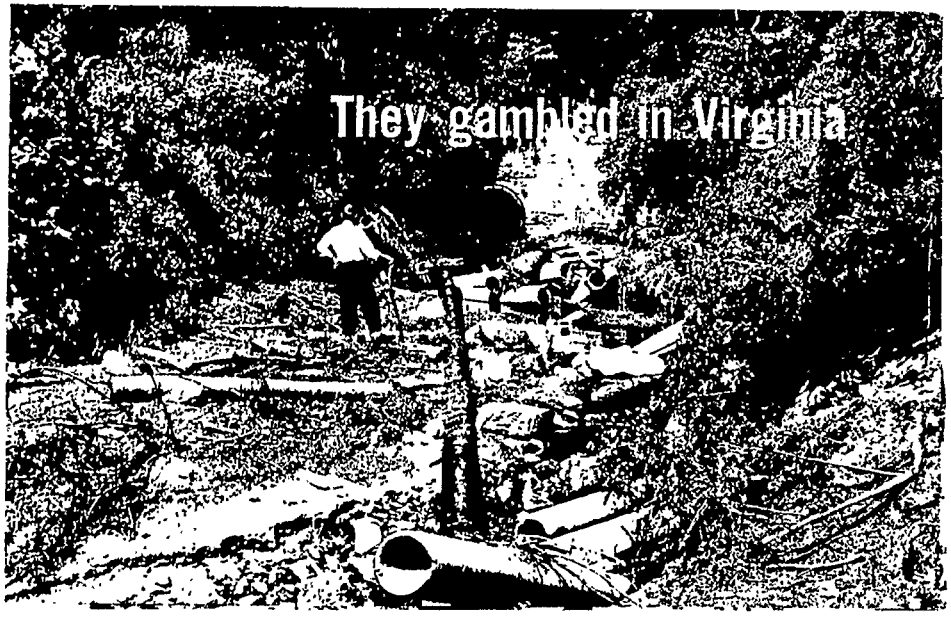
Again asbestos-cement was used. This 10"-diameter pipe could not stand the combination of poor soil conditions externally and water pressure internally. Note the gaping hole.

What would this community have gained by using cast iron pipe?

- Assured, proven long life
- Strength to withstand bursting pressure
- Rugged, inherent toughness
- Invulnerability to poor soil conditions
- Low maintenance

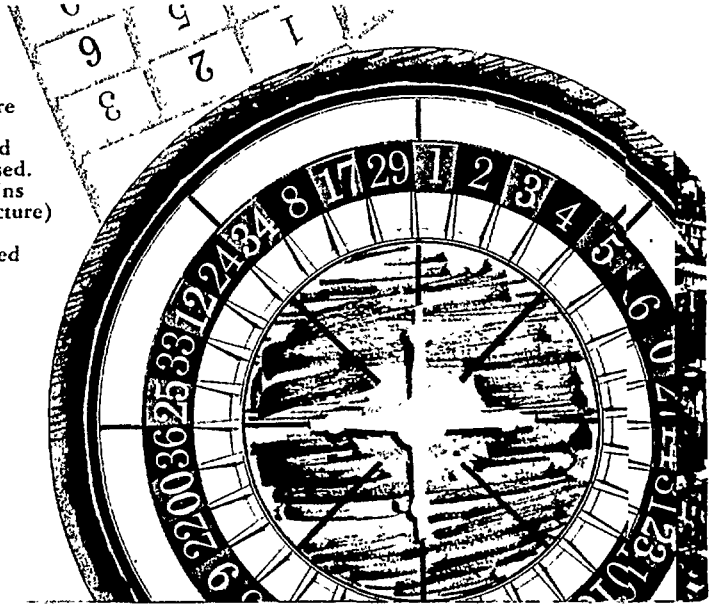
But most important of all—FREEDOM FROM WORRY! There *is no* gamble with cast iron pipe.



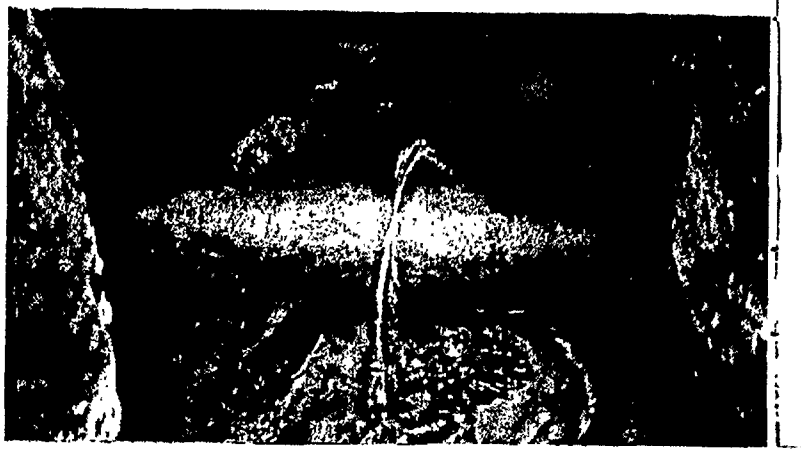


Here you can visually compare what happened in a washout where both cast iron pipe and asbestos-cement pipe were used. The cast iron pipe still remains in a straight line (center of picture) in spite of the fact that it lay *unrestrained on the stream bed* and on top of a small pier. Notice how the asbestos-cement was completely washed out.

Another needless gamble. Cast iron pipe is built to withstand the most rugged service conditions . . . and extra-sturdy construction holds up under unusual circumstances.



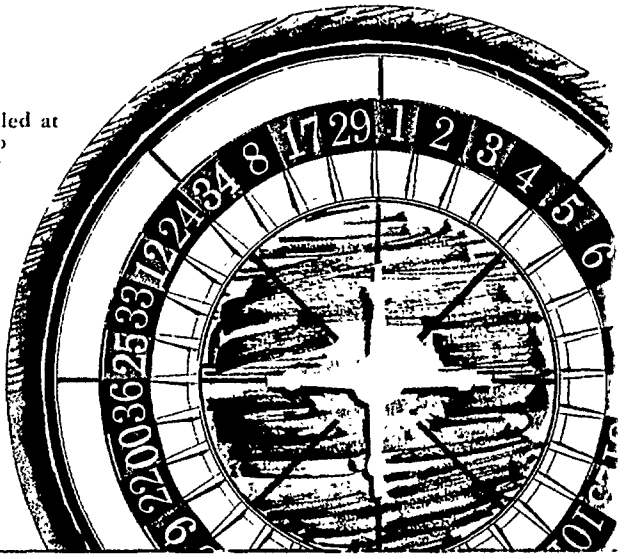
They gambled



in New Jersey

This 6" asbestos-cement pipe failed at a tap. Its already low resistance to earth and traffic loads was further reduced by the insertion of the tap.

Cast iron pipe has a tapping strength about one and a half times that of asbestos-cement pipe. And cast iron pipe gives you other "plus" features, too: bottle-tight joints . . . full flow capacity . . . ease of installation . . . and low maintenance cost.



In Boston, Massachusetts... there was no gamble

Over a century ago the city fathers of Boston decided on cast iron pipe for their water supply system . . . and much of the original pipe is still in use! As a matter of fact, 99.3% of all the pipe in the Boston water distribution system is cast iron. And the oldest cast iron pipe in service in that city is now in its 111th year!

Why gamble when you can play it safe? Cast iron pipe is a *sure* pipe that does its job thoroughly, efficiently and inconspicuously year after year, whereas nonmetallic materials may break down after a short period. For your water mains, only one carrier can give you the dependable, mind-at-ease service you want: modern cast iron pipe!

CAST IRON PIPE

THE MARK OF THE 100-YEAR PIPE





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