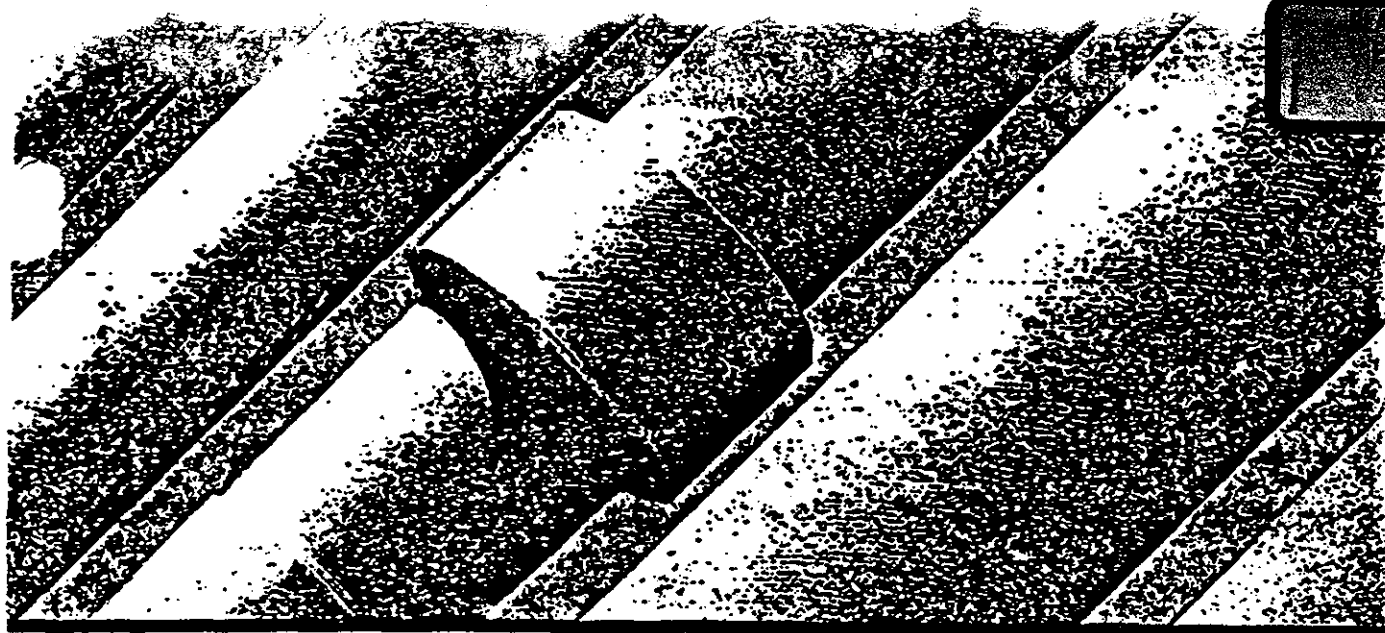
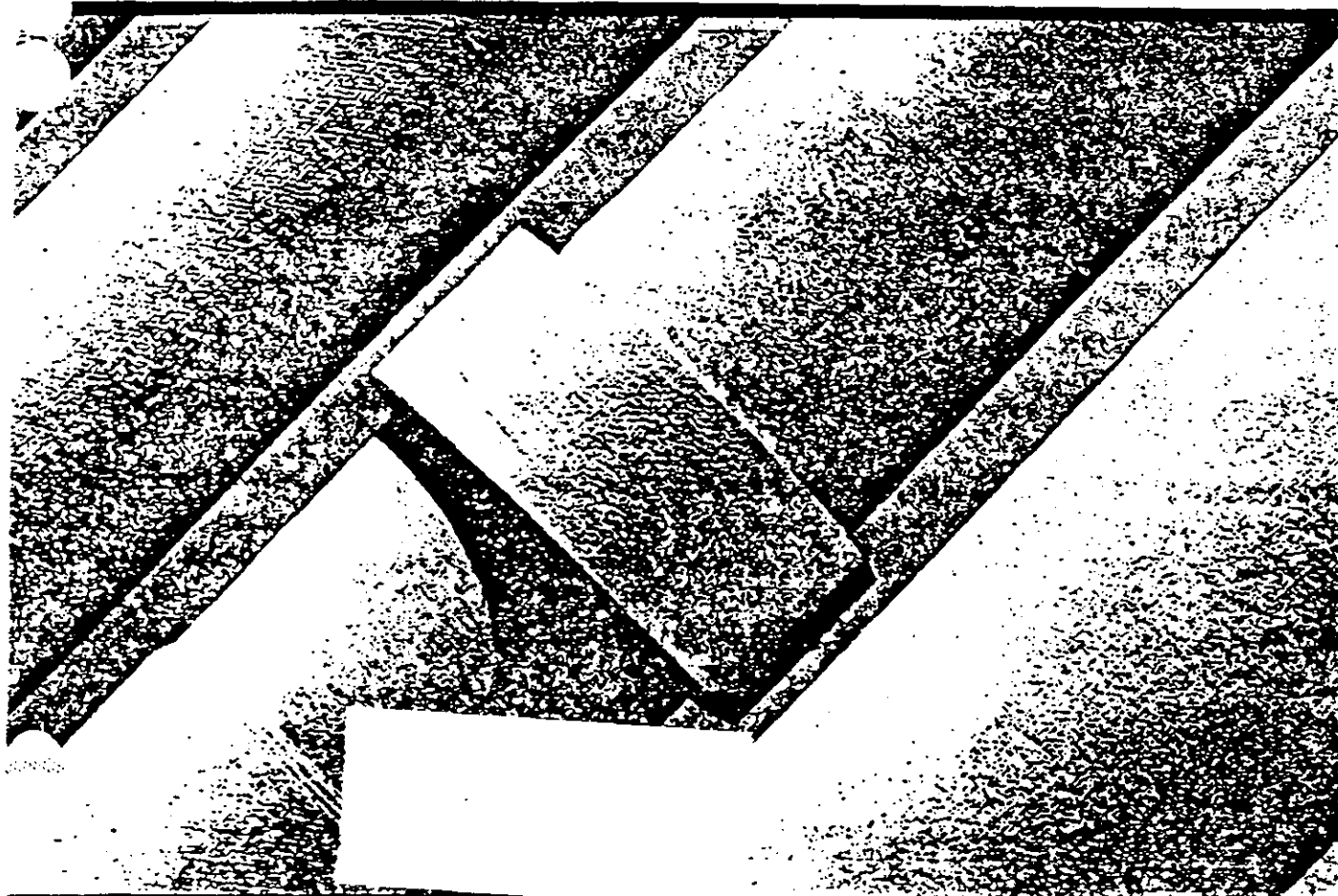
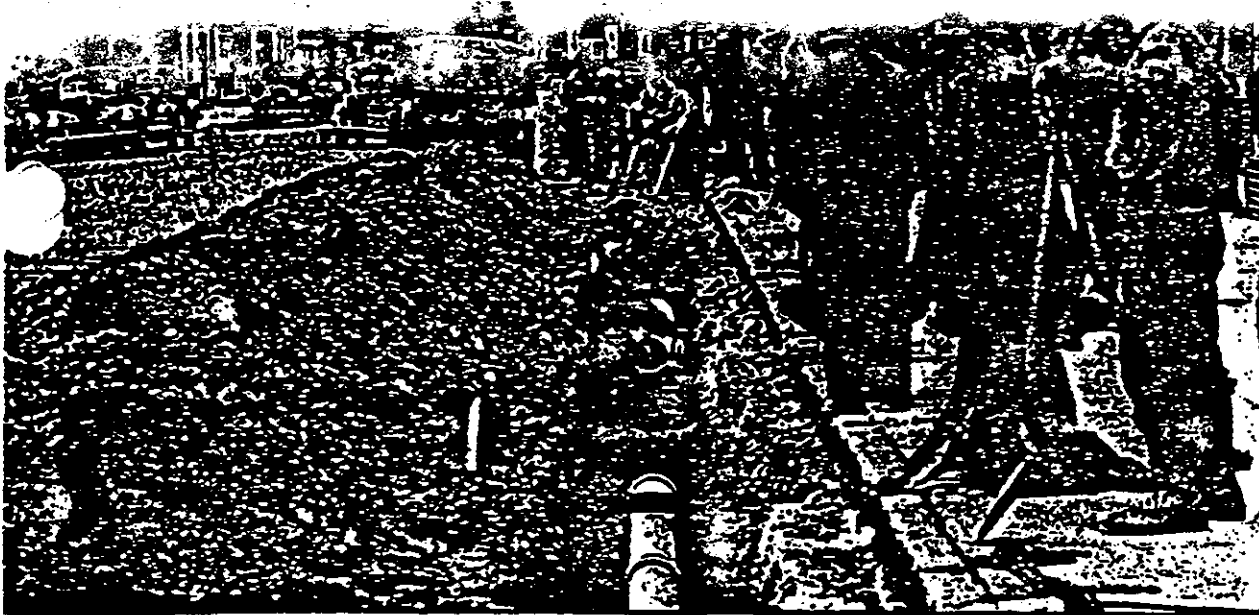




TRAN SITE PRESSURE PIPE



EFFICIENT ECONOMICAL WATER TRANSPORTATION



Johns-Manville Transite* Pressure Pipe assures permanently economical water transportation

ASBESTOS-CEMENT PIPE was first developed in a sea-coast town in Europe over a quarter of a century ago. Used there to carry sea water for fire- and street-cleaning purposes, it proved so successful in this severe service that it was soon adopted in many other water carrying systems.

Today, many thousands of miles of asbestos-cement are providing highly efficient, economical service in the water carrying systems of every leading industrial country throughout the world. It has been used in many important water distribution systems on which the maximum bonding period for any type of water pipe has been allowed. . . . ample proof of its recognized value in water line service.

In fact, so rapid has been the acceptance of this material that many thousands of miles are now in use throughout the world, and over a score of factories are engaged in its production.

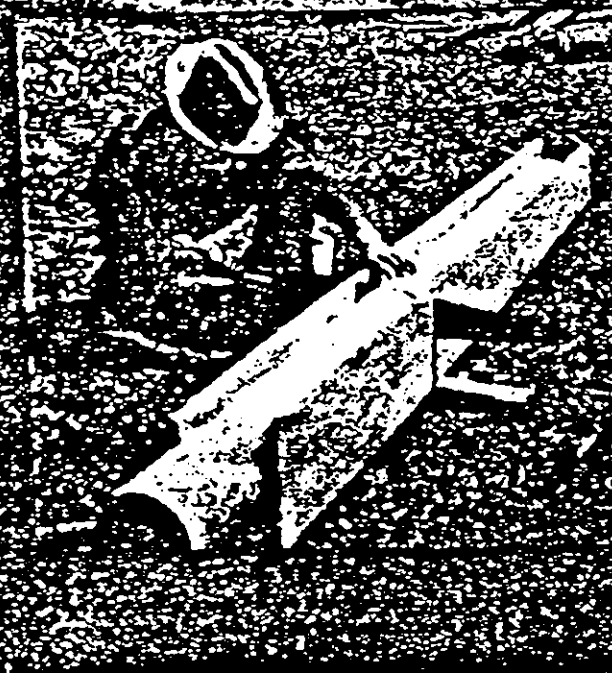
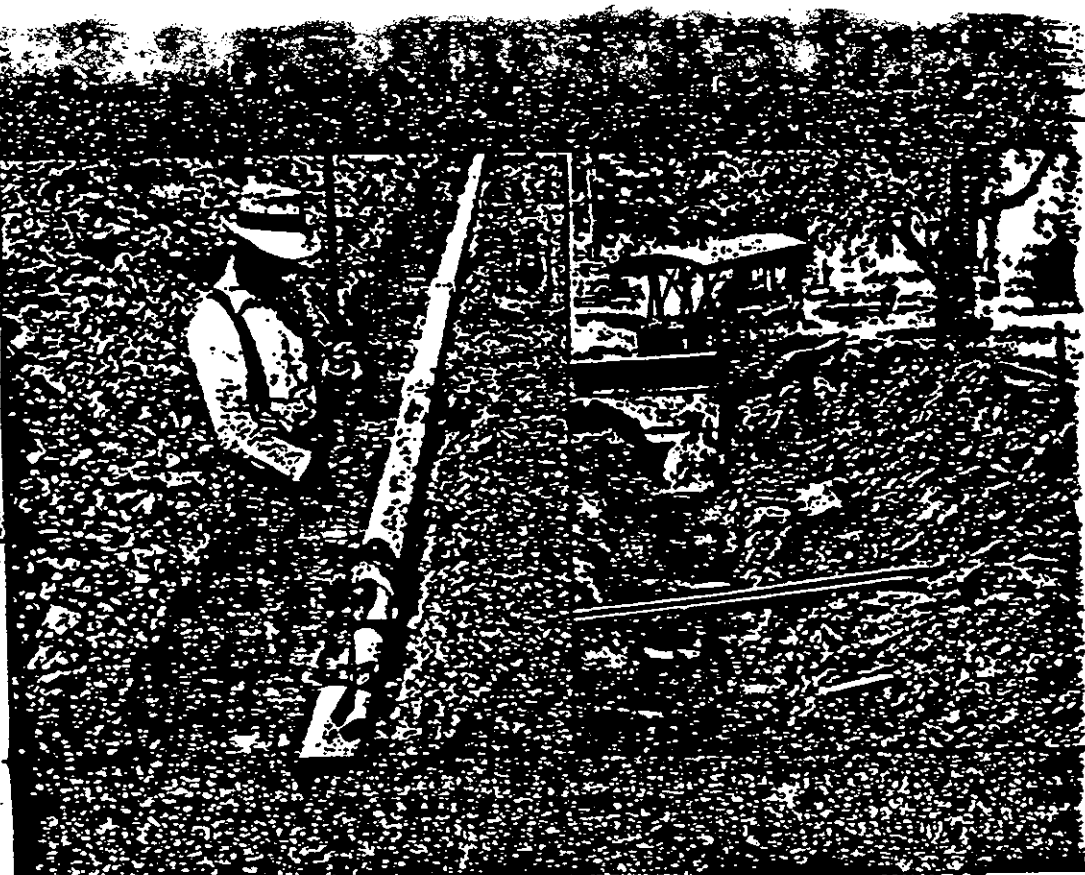
Since the first Johns-Manville asbestos-cement pipe, or Transite, was manufactured in America, thousands of installations have been made in the United States and Canada. Four factories in this country are kept in continuous operation to supply the ever-increasing demand for this modern, economical water carrier.

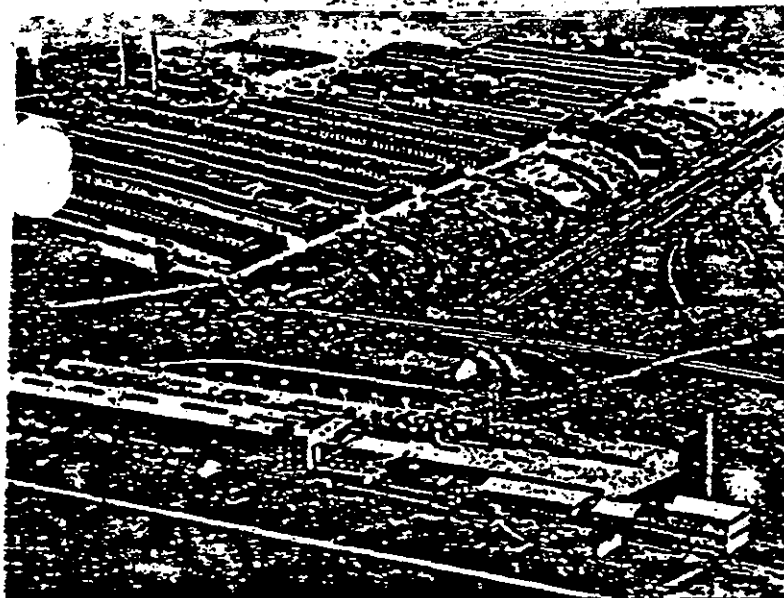
There are very definite reasons for this wide acceptance of Transite Pipe. Manufactured in a wide range of sizes—from 4 to 36 inches inclusive—and in pressure classes of 100, 150 and 200 lbs., it is composed of an intimate mixture of asbestos fibres and cement, formed under high pressure into a dense, tough structure. It is strong, durable and highly resistant to all destructive agencies. Being non-metallic, Transite is entirely unaffected by electrolysis and tuberculation—the internal corrosion that cuts down flow rates and increases pumping costs—and it is highly resistant to all forms of soil corrosion.

Economical, Virtually Maintenance-Free

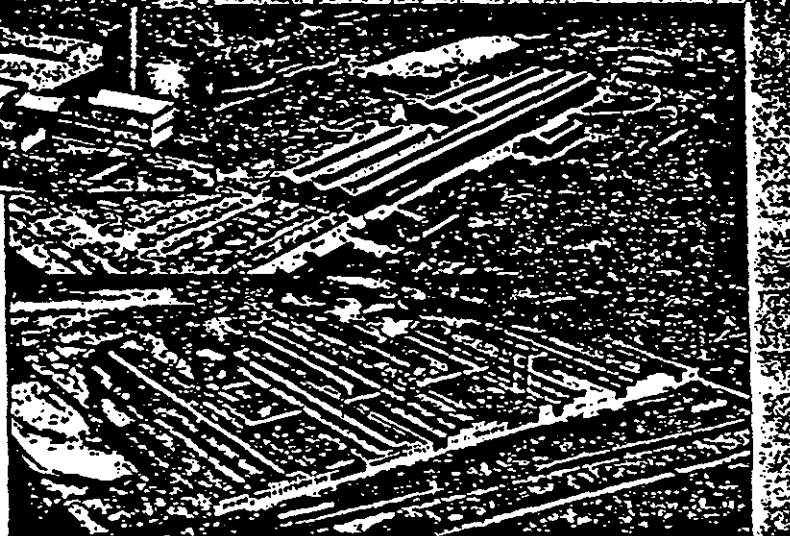
Yet, in spite of these many advantages, Transite Pipe is decidedly economical. In addition to its low first-cost, its immunity to tuberculation assures a permanently low coefficient of friction with large savings in pumping costs. Freedom from periodic cleaning and costly renewals cuts maintenance expense to an absolute minimum. And the relatively light weight and speed of assembly of Transite Pipe means that installation is accomplished rapidly, economically—even with unskilled labor.

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From Top to Bottom:
NEW JERSEY—An aerial view of the Johns-Manville factory in Denver.
LOUISIANA—The Transite Pipe Plant at Marrero, showing the pipe being produced.
CALIFORNIA—A view of the Los Angeles factory.
ILLINOIS—The East St. Louis pipe plant.



**Rigid Control
 Through Every
 Step of Produc-**

tion Assures Uniform High Quality

MANUFACTURED in diameters of 4 to 36 inches inclusive, and in pressure classes of 100, 150 and 200 lbs., Transite Pressure Pipe is produced by a series of accurately controlled operations. Each step is designed to add permanence and efficiency to the finished pipe. And every operation is supervised and checked by a staff of highly trained inspectors.

Asbestos Fibres Provide Strong Reinforcement

The asbestos fibres serve as reinforcement in much the same way that steel reinforces concrete structures, but to an even greater extent because they are thoroughly mixed with the cement to provide uniform strength throughout the material. The tensile strength of asbestos fibres runs as high as 400,000 psi.

To assure maximum durability and toughness, the asbestos fibres are carefully selected and blended. In determined proportions they are mixed with a

weighed amount of cement and a sufficient volume of water is added to disperse the fibre uniformly through the mixture.

Formed Under Pressure on a Polished Mandrel

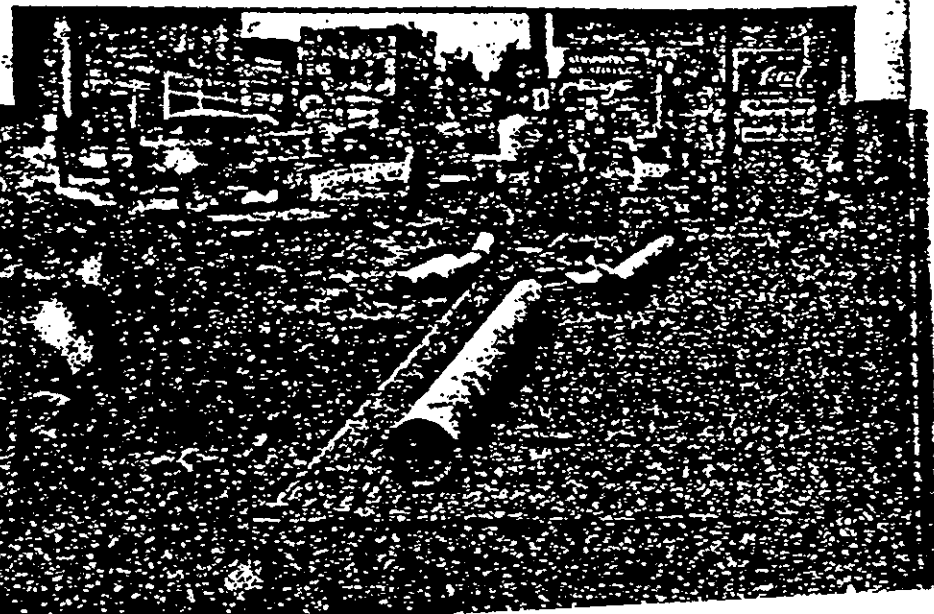
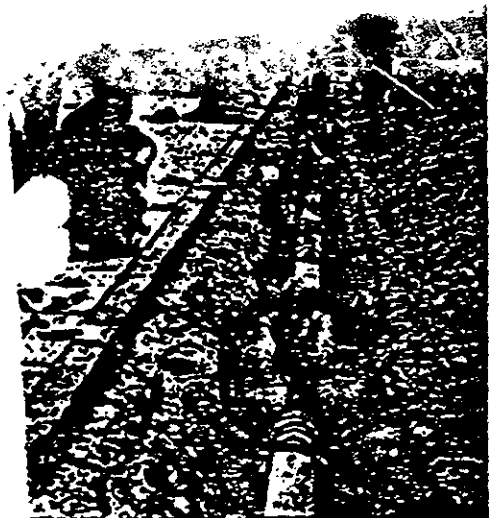
An endless felt picks up a thin coating of the mixture 1/100 of an inch thick and conveys it to the polished steel mandrel at the front of the machine. The excess moisture is removed by suction created by vacuum chambers over which the felt is carried.

As the mandrel revolves, the asbestos-cement is "built up" on its polished surface. Heavy hydraulic pressure rolls are forced against the mandrel while the pipe is being formed. The tremendous pressure exerted compresses the mixture into a tough, dense, homogeneous structure of unusual strength and uniformity.

The highly polished steel surface of the mandrel

Thousands of Have Transite

Thousands of installations of Transite Pipe in cities and towns all over the country are providing permanently efficient and economical service under every conceivable condition. The Underwriters' Laboratories, during the investigation of Transite Pressure Pipe, asked the water department officials of scores of these towns for their frank, unbiased opinion of Transite Pipe. On the following three pages will be found a number of excerpts from the most typical of these replies as they were reproduced in the report of the Underwriters' Laboratories, Inc.



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Asbestos Textiles
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Celite® Mineral Fillers
Electrical Insulations
Friction Materials
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Rock Wool Insulation
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