



INTERNAL PIPE

HydraTite

JOINT SEAL

Market

Water & Utilities

Challenge

A 48" storm sewer that ran beneath a homeowner's driveway had shifted the joints had become offset. There was a stream of water in the pipe that was frozen, creating 4 to 6 inches of ice. The leaks at six compromised joints had to be eliminated to save the homeowner's driveway despite the ice.

Engineered Solution

The proposed solution utilized standard-wide HydraTite Internal Joint Seals.

Scope

Each joint location was cleared of ice and excess concrete. Then HydraTite seals were installed at 6 joints in the storm sewer that ran under a residential driveway in Cedar Rapids, Iowa.

Solution

The leaks at all 6 joints were eliminated. The seals will provide a lifetime of protection against infiltration and exfiltration for a fraction of the cost and time required for replacement.



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