



INTERNAL PIPE HydraTite® JOINT SEAL

Market

Municipal Drinking Water

Challenge

The challenge was to stop water leaking at the joints of a newly installed ductile iron pipe. The 30 & 36 inch ductile iron pipe had been cement lined and water was leaking in through the cement lining at the joints.

Engineered Solution

To eliminate leaking joints, the HydraTite® Internal Joint Seal was proposed as a solution. The HydraTite® seal is a mechanical trenchless remediation for the joints that preserves the new ductile iron pipe.

Scope

Surface prep included chipping out the cement at the joints prior to installation of the HydraTite® seals. After approval of the repair by the client, the HydraTite® seals were manufactured and installed.

Solution

Once surface prep was completed, nineteen seals were installed. The HydraTite® seals eliminated the infiltration of the water at the joints. Rapid installation including the surface prep had the entire job completed within four days.



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