



HydraTite® Internal Joint Seal

Market

Water / Utilities

Challenge

The challenge was to rehabilitate reinforced concrete storm drains under a major intersection. Inspection by engineers revealed that the 72-in pipe had opened up. In certain areas the joints had failed and storm water had eroded the surrounding soil producing sizable sink holes in the roadway and surrounding areas.

Engineered Solution

Eliminate infiltration with the HydraTite internal joint seal was proposed as a solution.

Scope

To determine the most appropriate product, an engineer inspected the lines. After approval of the repair by the client, the HydraTite seals were manufactured and then installed in one day using trained personnel. The inspection, manufacture and installation were completed within days of the client authorizing the job to be started.

Solution

The crew and all materials entered through existing manholes and there was no above ground disruption to the traffic as the seals were installed. Installation of the HydraTite seals eliminated infiltration and prevented any further sinkholes.



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