



INTERNAL PIPE HydraTite® 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

The HydraTite Internal Joint Seal was proposed as a solution to eliminate infiltration.

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. 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.



HydraTech Engineered Products, LLC
HydraTech Field Services, LLC
10448 Chester Road, Cincinnati, Ohio 45215
Phone: (513) 827-9169 Fax: (513) 827-9171
<http://www.hydratechllc.com>

