

## CASE STUDY:

# PALM BEACH MANHOLE REHABILITATION

The entire manhole is structurally rehabilitated, leaving the owner with a monolithic, corrosion- and abrasion-resistant surface. The interior walls are rigid enough to make typical maintenance tasks such as lowering a vacuum truck tube inside possible, without the worry of damaging the manhole's interior. If one were to drop a sharp object such as a chisel or manhole hook, you can rest assured the urethane coating will withstand the accidental abuse.

## SOLUTION

As a standard procedure, the manhole was pressure washed at 3,000 PSI to remove debris. SAK prepared the structure, utilizing a hydraulic cementitious mortar to provide a smooth substrate vital to the successful adhesion of Spraywall Urethane Coating. Please note that new bench and trough structures were created to ensure a smooth transitional channel for the existing inflow and effluent flow.

SAK then addressed the inflow and infiltration (I/I) by strategically drilling a one-inch hole at the point of intrusion, and pumped in acrylamide grout material with a topcoat of IPA Systems Octoplug mortar. After the structure had been suitably prepared, SAK's certified Sprayroq applicators then applied SprayWall to the entire structure at a thickness of 125 mils.

## RESULTS

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