



**EPOXYTEC™**

## Concrete Manhole Corrosion Solution

Corrosion was the culprit for this concrete manhole which required rehabilitation to stop the continual effects of Hydrogen Sulfide (H<sub>2</sub>S). Due to the severe condition of the manhole, including visible signs of deterioration and spalling concrete that compromised the structure, an emergency repair was deemed necessary.

Using industry-leading products and equipment, applicators Savy and Sons presented a formidable solution. As members of Epoxytec's Certified Applicator Network (ECAN) for close to a decade, Savy and Sons has perfected the art of manhole restoration. The company's experience allows them quickly and efficiently refurbish deteriorated manholes, bringing them back to a "like new" condition.

This particular rehabilitation began with surface preparation that included the removal of damaged concrete and abrasive blasting in accordance with SSPC-SP13/NACE No. 6 "Surface Preparation of Concrete." Using a heated, plural component system, Epoxytec's Series 456 CPP Sprayliner was spray applied. The CPP Sprayliner product produces a thick, microfiber-reinforced polymer (FRP) film with high mechanical strength to protect against corrosion and seal Inflow & Infiltration (I&I). It has excellent H<sub>2</sub>S resistance, sealing, moisture tolerance, and service wear durability, making it a go-to product for manhole rehabilitation.

Savy and Sons' skilled technicians exemplify the caliber of applicators that Epoxytec seeks out for its certified network. With the customer at the forefront of their decisions, technicians from Savy and Sons provide cost-saving solutions to satisfy the specific, targeted needs that each individual project addresses. In this case, the potentially costly effects of H<sub>2</sub>S were avoided.



### Project Information

**Location**

Connecticut

**Completion Date**

May 2023

**Structure**

Sanitary Sewer Manhole

**Applicator**

Savy and Sons

Above: Sanitary sewer manhole rehabilitation before and after.

### Featured Products

Series 456 CPP Sprayliner



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