

Manholes – Case Study 5



Problem

Severe deterioration



Project

Baskerville Donovan, Manhole Rehabilitation Project, 34 manholes for rehabilitation with cured-in-place liner



Client

City of Bonifay, Florida



Location

Bonifay, Florida (Northwest Florida)

Description

Severe deterioration of the town's sewer system called for a comprehensive manhole rehabilitation project that included permanent rehabilitation of 34 manholes. Baskerville Donovan chose to use the Poly-Triplex System to structurally enhance the structures and to stop the infiltration of groundwater.

Solution

The Poly-Triplex Liner System was the product of choice and specified product on this project. Poly-Triplex Industries, LLC structurally lined the structures with the Poly-Triplex Liner System. The company provided the City of Bonifay with a 10-year non-prorated warranty to stop the infiltration and deterioration.

Benefit

The City of Bonifay chose to rehabilitate these structures in a permanent manner rather than using cheap short-term quick fixes. Infiltration levels have been significantly reduced and deterioration of these structures is virtually halted.



Upper Left: Before photo of brick manhole showing extremely deteriorated conditions.

Upper Right: After photo showing complete monolithic rehabilitation from ring and cover seat down to the channel.

Comments

The City of Bonifay chose to rehabilitate these structures in a permanent manner rather than using cheap short-term quick fixes. The liners are performing very well and have stopped all infiltration and deterioration of the structures.