

# SYNTHO-GLOSS<sup>®</sup> XT

## UTILITY FIELD INSTALLATION: STEEL REINFORCED CONCRETE PIPE



### **Problem**

A 20 year old pre-stressed concrete pipe is leaking large amounts of hydrogen sulfide gas, liquefying to sulfuric acid, causing pipe deterioration.

### **Conditions**

Sewage is percolating through the ruptured municipal force main which is buried 8' (2.4m) underground. Sulfuric acid has eaten through 2' (0.6m) of the pipe's crown.

### **Solution**

The crew used an 8" x 50' (20.3cm x 15.2m) roll of Syntho-Glass<sup>®</sup>XT to wrap 8 layers over the 2' (0.6m) repair section, plus an additional 4 to 5' (1.2 to 1.5m) on either side of the patch, as a precautionary measure.

### **Result**

The wrapped area of the pipe is now as strong, or stronger, than the original pipe and allowed the city to save thousands of dollars, as compared to traditional repairs with couplings and forced main shutdown.

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