Houston, We Have a Solution

AI solves Houston's looming sewer infrastructure failure.

SewerAI

The Problem

A looming EPA Consent Decree pressured Houston to inspect its 6,200 mile sewer system and 129k+ manholes.

The City of Houston entered a Consent Decree with the EPA to avert the looming risk of overflow events. The City employed SewerAI's AutoCode™ to assess its accuracy against contractor submittals.

6,200-mile
sewer system

129,000+
manholes

1,500+
surveys coded by AutoCode

150
surveys coded by four different CCTV inspection contractors

The Solution

AI: a critical tool in repairing Houston's critical infrastructure.

To avert future sewer overflow events in the region, the City integrated AI into its assessment and capital planning workflow. The results of the citywide inspection will influence how $6 billion dollars will be spent over the next 15 years – demanding the efficiency and accuracy that only SewerAI can offer.

The Results
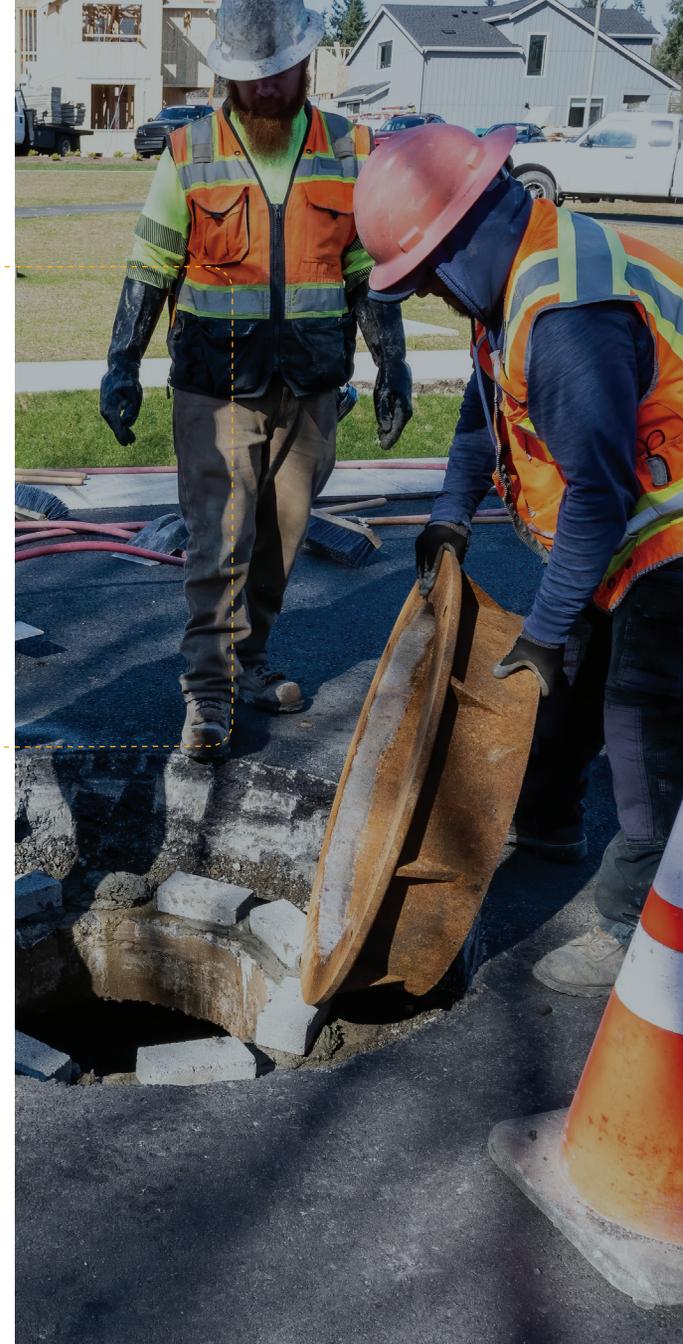
Houston finds AI to be 8x more accurate.

97%
avg. accuracy at properly coding identified defects

8x
greater accuracy compared to outputs from contractors

Work With The Leader In AI-Powered Sewer Infrastructure Management

SewerAI by the numbers:

125,775

hours of capacity unlocked (PIONEER)

$1,872,307

saved (in time saved through PIONEER)

33,000,000+ ft

of PACP (Mainline) AutoCoded (AutoCode)

23,000+ ft

of LACP (Lateral) AutoCoded (AutoCode)

31,000+

MACP (Manholes) AutoCoded (AutoCode)

*SewerAI data collected March 2024

You've read the case study. Now become one.

Inspect more pipe for less money. Reach out to see how quickly and easily you can exponentially increase your productivity and lower your costs, while increasing the accuracy of your data.

Book a Call

SewerAI