

IT'S "FIXED," BUT IS IT SOLVED?



Sinkholes

Facility maintenance managers know what a sinkhole is and generally understand why they're happening. Now there is a better way to fix them without digging up the unit and creating more chaos. Motivo has vast experience solving complex challenges presented when a sinkhole goes unnoticed for too long. Below is an illustration of addressing a sinkhole the traditional way versus the Motivo way.

TRADITIONAL WAY



Peripherally Aware of Below Surface Openings.

Worry about a sinkhole when an operator sees a surface depression or when the ground caves in.



Significant Impact.

Exploratory excavation is required to expose the below surface cavern. Further excavation is often necessary to identify the source of the sinkhole. This requires equipment bracing and shoring to expose the areas of interest.



6 weeks 20 people

Lots of Time and Resources Spent.

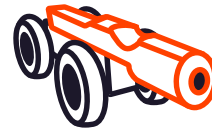
Cut out 4 feet of the damaged section of pipe and weld a new section. This typically takes 8 guys to repair the pipe in as many as 6 weeks. And as many as 20 people are involved at different stages.



Significant Cost to Locate and Repair.

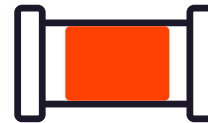
Would spend **over \$500,000** on an oily water sewer pipe. And there is a potential for more rework.

MOTIVO WAY



Remote Visual Inspection and True Cleaning.

Synchronized remote video inspection and true cleaning to assess the problem area. The mechanical integrity of the pipes surrounding the problem area are assessed to pinpoint the source of the sinkhole.



Minimal Impact.

With Motivo's trenchless solutions, digging is not necessary. Broken pipe will be repaired trenchlessly and the void will be filled below ground remotely with high pressure grout to stabilize the surface.



2 days 4 people

Reduced Time and Resources Spent.

Motivo will remediate the entire pipe segment, not just the damaged section, which mitigates future failures in the same section. Two hundred feet of pipe will be rehabilitated within 2 days.



Greater Cost Savings for a Lasting Solution.

Will spend around **\$225,000** to remediate an entire oily water sewer pipe section having a life expectancy > 100 years.

Spend Your Money on Lasting Solutions. Not Quick Fixes.
Contact Motivo at (833)-4MOTIVO

MOTIVOTM
Knowing What's Ahead.