

# UTILIZING CCTV FOR UTILITY LOCATING

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## ? WHAT IS CCTV

Also referred to as: Sewer Camera, Sewer Cam, and Sewer Inspection.

Closed Circuit Television Inspection (CCTV) is one of the most effective methods to determine defects, the likelihood of failure, and rehabilitation needs. It is also the industry's tried and true method of determining the location of the system, and any defect locations.

## WHAT WE DO:

- Video Pipe Inspection
- Preventative Maintenance
- Identifying Blockages & Defects
- Cross-bore Mitigation for Directional Drilling
- Locating Underground Pipes prior to Excavation

## WHAT WE USE:

Steerable robots, manual push cameras and many other devices equipped with various tools to televise and locate pipes.



Multiple set ups are available to view 2" – 60" pipe in high definition. Typically, the equipment is run through a computer system that records all video where the operator can also grade the pipe condition. Most robotic cameras have a sonde or beacon in the camera head that can be located above ground to identify the precise location of pipe defects and issues.

## HOW MUCH SEWER ARE WE TALKING?

**800,000+ MILES**

of Public Sewers in the United States.

**500,000+ MILES**

of Private Sewer Laterals connecting properties to Public lines.

**EACH SUSCEPTIBLE**

to structure failure, blockages, overflows & utility strikes!

## ACROSS THE U.S. ESTIMATES SUGGEST THERE ARE:

**3.5+ MILLION MILES**

of Storm Sewers

**270 MILLION**

Storm Drains

**2.5 MILLION**

Stormwater Treatment Assets

Under the NPDES MS4 Program, Municipalities are now required to map their Stormwater Systems, but as of 2018 only about 40% of the facility owners have taken that step.

## WHAT WOULD ACCURATE SEWER LOCATES MEAN TO...

### ENGINEERS?

Know where the sewer mains and laterals are located during design.

### CONTRACTORS & EXCAVATORS?

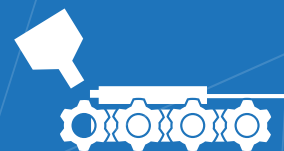
Save time and money knowing where the sewers are located before you begin your work.

### DIRECTIONAL DRILLERS?

Increase efficiency by saving time and money, while increasing safety for everyone by knowing where the sewers are located and avoiding those costly and dangerous cross-bores.

### FACILITY OWNERS?

Know the location of your facilities, as well as their condition.



CENTURIES OF EXPERIENCE IN LOCATING

The Mason family helped innovate and professionalize the private locating industry by developing training, safety, and operational standards that are second to none in the industry.



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