

# Bypass Piping and Pumping System

## Why is bypass piping and pumping needed?

The sewer system carries wastewater from homes and businesses through pipes to a treatment plant. When sewage pump stations or pipelines require upgrades or replacement, a temporary bypass pumping solution is needed to maintain your sewer service while the existing service is being worked on. These bypass systems ensure that the sewer system remains operational by using a temporary line and pump setup to continue conveying flows away.



## How does bypass piping and pumping work?

Because the flow of sewage cannot simply be diverted and service cannot be stopped, it must be “bypassed”—or temporarily pumped around the pipe being repaired or replaced. To do this, pumps capable of pumping all of the wastewater from homes and businesses are brought in, as well as pipes that collect and convey the flow, on site to continue sewer service.

## What will the system look like?

The pumps are usually set up near manholes and the pump machine’s pipes will be inserted from the pumps into the manholes. You will also see a pipe, it often looks like a fire hose, running in front of each home from the starting or collecting manhole to the next manhole. These hoses allow access to driveways or entrances with the use of a driveway ramp.

