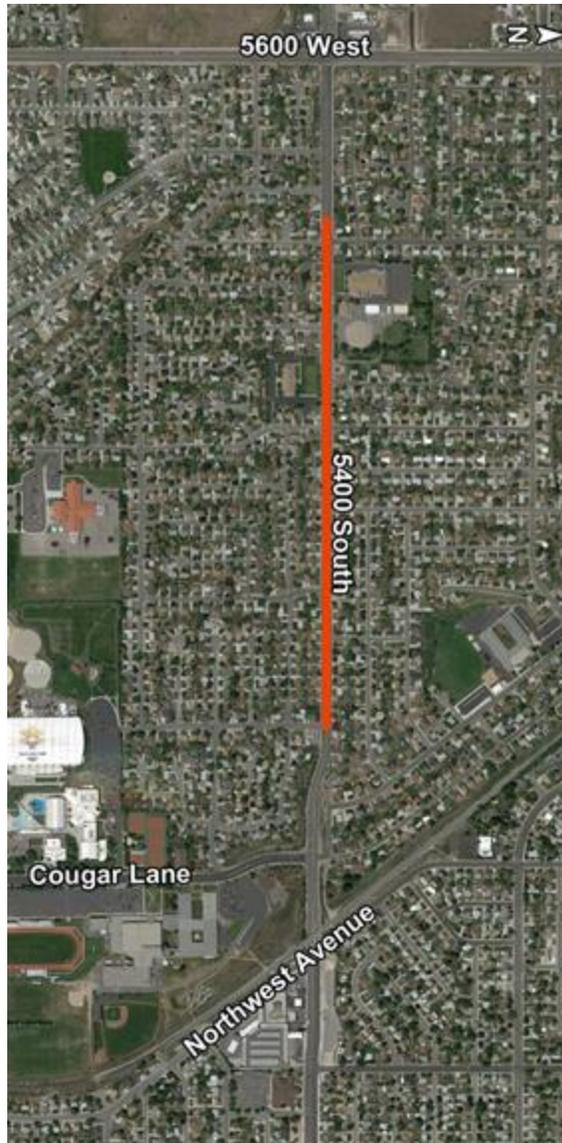


5400 South Storm Drain Rehabilitation

As a preventative measure to improve aging infrastructure in the Kearns Township, Salt Lake County Office of Township Services will rehabilitate the existing storm drain under 5400 South from approximately 5450 West to Morning Breeze Drive.

From August 10 through mid-September, construction crews are scheduled to reduce 5400 South to one lane in each direction between the hours of **9 a.m. and 3:30 p.m. Monday through Friday**. Lane restrictions may be extended as work progresses.

Crews will use a process called cured-in-place-pipe (CIPP), which eliminates the need to dig into the road to replace the pipe. Using this type of repair technology will save time and reduce impact to residents along 5400 South.



Work will be completed in two phases. First, the contractor will clean the inside of the pipe so it is clear of debris. Next, crews will insert a liner into the pipe and cure it within the storm drain. Using this process will increase the service life of the storm drain for up to 50 years. More information about this new technology can be found below or by watching [this video](#).

During construction, access to driveways will be maintained as much as possible. If access to a property needs to be restricted, the contractor will contact the homeowner two days in advance and will work with them to ensure the resident can come and go as needed.

During the installation and curing process, residents may notice an odor that is emitted from the resin on the liner. It does not pose a health risk and will dissipate quickly.

How the Process Works

Step 1:

The pipe liner is made of fiberglass saturated with an environmentally friendly resin. The liner is inserted into a section of the storm drain and crews use a power winch to pull the liner through the pipe segment.



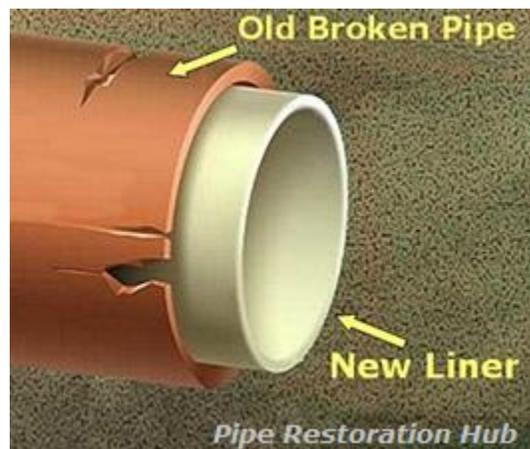
Step 2:

Once the liner is in place, crews pump air into the liner to help it conform snugly to the inside of the pipe. A device called a “light train” is inserted into the liner and pulled through the pipe. The light mechanism emits ultraviolet rays which activate the resin to solidify and cure the liner into the proper shape making it impermeable and highly durable.



Step 3:

Once the liner is cured, the ends are trimmed and sealed and any pipe connections that have been covered are re-opened using a robotic cutting machine. The new liner is as strong, or stronger, than the original pipe and increases the service life of the pipe by decades.



Construction schedules are subject to change due to inclement weather, material delays, or emergency situations.

Want to learn more about the process? Check out [this video](#) which explains cured-in-place-pipe in greater detail.

