



WASTEWATER RECLAMATION
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Upcoming Sewer Work: Downtown Tucson

The Pima County Regional Wastewater Reclamation Department (RWRD) and its contractor, KE&G Construction Inc., will begin repairs to the sanitary sewer in portions of downtown Tucson in mid-November. The repairs can be performed fairly quickly and are necessary as the sewer pipes in the downtown area are old and in need of rehabilitation.

Although most of the work will involve cured-in-place pipe lining (CIPP), some excavation will be necessary. **All work will be performed at night starting at approximately 8:00 p.m., and concluding by 6:00 a.m. the next morning. From November 13 to 21 (excluding weekends), the contractor will perform excavation activities, and from November 26 to December 7 (excluding weekends), they will perform cured-in-place pipe lining activities.**

We will need to access manholes in several downtown locations:

- 200 W. Alameda Street excavation and CIPP lining: Two day duration; area will be plated and barricaded when workers are not on site.
- 702 E. Broadway Boulevard: CIPP lining only
- 220 N. Mayer Avenue excavation and CIPP lining: Two day duration; area will be plated and barricaded when workers are not on site.
- 41 E. Pennington Street: CIPP lining only
- 45 W. Pennington Street: CIPP lining only
- 150 W. Pennington Street excavation and CIPP lining: Two day duration; area will be plated and barricaded when workers are not on site.
- 200 W. Pennington Street: CIPP lining only
- 200 N. Stone Avenue/10 W. Alameda Street: CIPP lining only
- 320 E. Toole Avenue: CIPP lining only
- 434 E. 9th Street: CIPP lining only
- S. Railroad Avenue/E. 12th Street excavation and CIPP lining: Two day duration; areas will be plated/barricaded when workers are not on site.
- 550 E. 4th Street excavation and CIPP lining: Two day duration; areas will be plated/barricaded when workers are not on site.

Cured-in-place pipe lining (CIPP):

CIPP is a process by which resin-impregnated material is inserted into cleaned sewer pipes and is inflated with steam. The resin hardens and essentially creates a “pipe within a pipe,” strengthening the pipe from the inside. Each CIPP repair will take approximately 12 hours to complete. If a bypass is needed, it is set up the day prior to the CIPP work.

Bypass:

In some locations, the contractor will install temporary above-ground bypass systems. Bypass systems transfer sewage flow through temporary pipes so that uninterrupted service can be maintained during construction. The temporary bypass pumping will remain in operation during the repairs. There will be two bypass systems for downtown work. Bypass systems will be located:

- From the corner of N. Toole Avenue/S. Herbert Avenue to the N. 4th Avenue west side pedestrian walkway; ending at the corner of E. 9th Street/N. 4th Avenue.
- At the intersection of S. Railroad Avenue/E. 13th Street. The bypass will be placed down the center lane of E. 13th Street to the corner of S. 3rd Avenue/S. Ott Avenue.

Styrene:

The lining process may generate a smell similar to new plastic (styrene). Styrene is a common chemical used to manufacture foam and plastic products. Household items such as Styrofoam cups and fiberglass shower enclosures are made from styrene and give off odors identical (but less intense) than the odors generated by this work.

Excavation:

Although some downtown areas will require excavation, services will not be affected. You may see large construction equipment that will be operating during night-time hours in certain areas during the lining.

Road Restrictions:

Some short-term road restrictions will be in place during construction activities. Motorists should slow down, remain alert, and exercise caution when driving through construction zones with large equipment and work crews. **Construction times are approximate and are subject to change in the event that unforeseen conditions cause delays or postponements.**

When the construction schedule is finalized, specific scheduling information will be made available on our website: www.pima.gov/wastewaterreclamation. We apologize for any inconvenience that this work may cause. For additional information, please call Lilian von Rago with RWRD's Capital Improvement Program at (520) 724-3424 or lilian.vonrago@pima.gov or Natasha LeMay, Field Engineer with KE&G Construction Inc. at (520) 609-4666 or nlemay@kegtus.com.