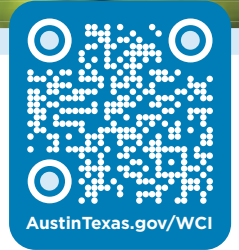




Austin
WATER

Williamson Creek

WASTEWATER INTERCEPTOR PROJECT



Austin Water is strengthening wastewater infrastructure and **protecting** Williamson Creek.



CONSTRUCTION AREA

The Williamson Creek Interceptor receives wastewater from smaller pipes and carries it to the South Austin Regional Wastewater Treatment Plant.

The Williamson Creek Wastewater Interceptor Project will install 3.5 miles of new pipeline and connecting pipes, replacing aging 36-inch and 48-inch diameter lines with a new interceptor 72-inches in diameter. With the new, larger interceptor, Austin Water can keep up with the demands of growth and better protect Williamson Creek from potential wastewater overflows.



What to Expect



Crew Movement: Crews will move heavy construction machinery and equipment to and from the work sites.



Tunnel Shafts: Temporary tunnel shafts will be built so crews and equipment can go underground to construct the tunnel and install the new pipeline. These tunnel shafts will be located away from streets.



City right-of-way: Some wastewater pipeline reconnections will require construction in streets or in easements near streets.



Access to Homes: At times, crews may need to close portions of streets. However, they will always make sure people have access to their homes.



Streets Restored: At the end of the project, street areas that construction impacted will be restored and repaved.



Schedule: Construction is scheduled to begin in 2025 and take about 4 years. Most areas will have construction for only part of the time.



Benefits



GREENBELT EXPANSION

Four acres of land will be conveyed to Parks & Recreation (PARD) stewardship, and an additional acre of trail easements will be purchased for PARD.



NEW ODOR CONTROL FACILITY

The facility will improve air quality and protect the interceptor from corrosion. It will be located along Onion Creek east of the intersection of S. Pleasant Valley Rd. and William Cannon Drive.



EXPANDED COMMUNITY ACCESS

Austin Water will build water quality ponds to service a trail parking lot that PARD plans to build in the future.





Work Overview



Tunneling: Crews will use “tunneling construction” to install 3.5 miles of new 72-inch diameter pipeline along Williamson Creek, from South First St. to Pleasant Valley Road. Crews will use boring machines to create the tunnel, which will be approximately 40 to 60 feet underground.



Reconnections: Crews will replace many of the existing 8-inch to 36-inch local wastewater pipelines, then connect them to the new interceptor.



Pipeline Rehabilitation: In some areas a “Cured-In-Place-Pipe lining” technique will be used to rehabilitate the existing pipeline. A liner is inserted into the existing pipe, then cured to harden, creating a stronger version of the existing line.



Proper Abandonment: Austin Water will remove as much of the existing wastewater infrastructure that is being abandoned as possible, in a method that is least disruptive to Williamson Creek.



Contacts



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Project Web Page

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Restoration After Work



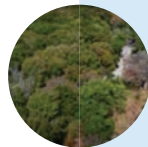
NATIVE GRASSLANDS PLANTED

Native grasslands will be planted per city seeding & planting requirements. This will include preparing seed beds, removing weeds, laying topsoil, and installing irrigation.



OUT-OF-SERVICE PIPELINE REMOVED

Where possible, Austin Water will remove exposed manholes and pipes. Austin Water is coordinating with the Watershed Protection Department to determine the least disruptive method for this work.



INVASIVE TREES REMOVED

A total of 830 inches of combined diameter will be removed from the greenbelt.



FLOODPLAIN IMPROVEMENTS

Austin Water will demolish and remove the concrete structure no longer in use, located on the artificial hill in the valley near the intersection of Pleasant Valley Road and William Cannon Drive. Then, as requested by the Watershed Protection Department, Austin Water will flatten the hill to existing grade to help improve the floodplain.



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