

Mesa Water District Wilson Street Pipeline Replacement Project FAQ

What is the Wilson Street Pipeline Replacement Project?

The Wilson Street Pipeline Replacement Project will replace the 12-inch steel pipeline on Wilson Street from the Newport Boulevard intersection to the Harbor Boulevard intersection in Costa Mesa.

The pipeline is 4,580 linear feet in length, or about 0.87 miles. It was installed in 1951 and needs to be replaced due to its age. It will be replaced by a new 12-inch polyvinyl chloride (PVC) pipeline. The project will also include work on existing pipelines at street intersections and replacement of existing one- and two-inch service lines, underground meter boxes and above-ground fire hydrants.

The project alignment is located within existing public roadway rights-of-way and is surrounded by residential, commercial and recreational land uses to the north, south and west. The 55 Freeway is located east of the project alignment.

What are the construction timelines?

Construction is scheduled to start in August 2021 and will be completed by Spring 2022.

What are the construction hours?

Construction hours are 8:30 a.m. to 4:00 p.m., Monday through Friday. There will be periods of night work from 9 p.m. to 6 a.m., Monday through Friday, at the intersections of Wilson Street and Harbor Boulevard and Wilson Street and Fairview Road.

What are the potential construction impacts?

Potential impacts may include some noise, dust and vibration during work activity. During all phases of work, the project will incorporate construction best management practices (BMPs) to prevent, reduce or mitigate all potential impacts.

What are the traffic impacts?

Construction activities will result in temporary single-lane closures along Wilson Street to accommodate the pipeline trench.

A formal traffic control plan will be implemented for work at the Wilson Street/Newport Boulevard and Wilson Street/Harbor Boulevard intersections. The traffic control plan will specify how traffic will be safely and efficiently redirected during a lane closure.

Local emergency services providers will be notified in advance of construction, and priority access will be given to emergency vehicles during temporary lane closures.

Will the work affect street parking?

Construction activities will result in temporary parking restrictions at designated areas on Wilson Street. Temporary “No Parking” or “No Stopping Anytime” signage will be posted at least 72 hours in advance and will display the time and date of any such restrictions.

Will the work interfere with bus service or access for pedestrians and bicyclists?

Bus stops for Orange County Transportation Authority’s bus routes 47, 47A and 55 are located along the project alignment. OCTA has been notified about the project and will determine whether to temporarily relocate or close those bus zones.

There will be temporary sidewalk closures near the areas where the new pipeline is being installed.

Will the work interfere with access to and from my property?

Construction will not interfere with access to and from residential and commercial properties.

Will my water service be affected?

The existing pipeline system will remain in service while the new pipeline is being constructed. Some customers may experience a short-term interruption to their water service when the existing service line is connected to the new pipeline. Customers will be notified prior to any potential interruptions.

Will services such as sanitation, street cleaning or personal deliveries be affected?

Trash and street cleaning services and personal deliveries will not be affected.

What kinds of equipment will be used?

Construction equipment is expected to include concrete saws, jackhammers, skid steer loaders and both vibratory and non-vibratory smooth wheel rollers.

Will this project affect my water rates?

Mesa Water customers will not see an increase in their water bill.

Who do I contact with questions or concerns about this project?

All stakeholders who have questions or concerns about this project can contact Murakawa Communications at (949) 354-4278 or constructioninfo@mesawater.org.

Who is Mesa Water District?

Mesa Water District provides potable (drinking) water for a population of 110,000 within an 18-square-mile service area that includes Costa Mesa, portions of Newport Beach and portions of unincorporated Orange County.

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