

## **Water Main Installation Construction Process**

1. All residents within the project limit and affected by the construction will receive a letter with a project map noting the pending start of the construction.
2. Fairfax Water's Contractor will request Miss Utility to identify and mark all buried utilities in the project area. Once all of the utilities are marked, the contractor will move onsite to begin construction.
3. Project construction duration is dependent on several factors including weather, traffic, and conflicts with existing utilities.
4. Fairfax Water inspectors will be on site overseeing the construction work. Access to private properties is usually not required and it is not necessary for anyone to be present during the work.
5. Most of the construction work will be done during the day.
6. Temporary asphalt will be placed in the pipe trench to maintain acceptable driving conditions and to keep dust and other materials from spreading.
7. Access to driveways may be limited for a short period of time while the water main is being installed directly in front of your home. However, if you need to enter or exit the driveway, the Contractor will make provisions to get your vehicle across the excavation as required.
8. On street parking will be restricted in some areas to allow room for construction activities and equipment. Please refrain from parking on the street in the areas designated by "No Parking" signs during the work hours and dates noted.
9. All of the new water mains will be pressure-tested and disinfected prior to being placed into service. Water quality samples will be taken over two consecutive days by the Fairfax Water Laboratory for analysis.
10. Once successful water quality tests are obtained, the new water main will be connected to the existing distribution system which will require a short duration outage of water service. All affected residences will be provided with a hanging door tag, 48 hours in advance, noting that an outage is planned and its expected timing. In the case of inclement weather, the outage will be rescheduled for the following day.
11. Once the new water main is in service, the contractor will begin transferring all customer water services to the new main. Transfer of service will cause a short outage of approximately 30 minutes. A representative from Fairfax Water or the Contractor will knock on the door to inform the property owners/residents that the water will be shut off for a short period of time to make the service connection. If you are not home, a door tag will be placed on your front door with instructions and contact information.
12. When all services have been transferred to the new water main, the old water main will be abandoned in place and all disturbed areas will be restored in accordance with permits.
13. Once all of the project work has been completed, a Fairfax Water Inspector will meet with a representative of the appropriate public agency to determine the limits of the pavement restoration. The paving contractor will then be scheduled to repave the areas identified as soon as possible.

For questions regarding the construction process you can contact Jerry Scott, Chief Construction Engineer, at 703-289-6351.