Water Main Installation: Step-By-Step

Step 1: Install New Water Main Pipe



- Survey project area & locate existing utilities (usually done months prior to start of construction)
- Mill/grind old asphalt
- Dig trench and install new water main
- Backfill trench & compact it in preparation for permanant asphalt



Step 2: Install Individual Services

- Install meter boxes in public right-of-way
- Install individual property water service line & connect to new water main

Step 3: Pressure & Purity Testing

- Test newly installed water main for leaks
- Sample new water main for laboratory testing to ensure drinking water quality & safety

Step 4: Connect Individual Service to Exisiting Meter



- Connection will cause up to one hour water service disruption per customer.
- Affected customers will be notified prior to service disruption.



Step 5: Install Permanant Asphalt

- Remove trench fill & install base layer of asphalt
- Grind up exisiting asphalt to make permanant asphalt layers smooth & level
- Install permanant top coat asphalt & compact it