



# Typical Activities

# Community Impact of Pipeline Construction

Neighborhood presence



- Survey & marking
- Stage material
- Sawcut street



- Dig trench
- Install new pipe
- Backfill trench
- Temporary paving
- Disinfect and flush new water lines
- Connect services
- Cleanup site



## Start up activities

- Place project signs and construction area signs
- Mark excavation limits and confirm alignment (potholing)
- Order and deliver materials to jobsite
- Mobilize mainline crew and equipment
- Sawcut street

## Mainline construction activities

- Excavate trench
- Construct pipeline
- Backfill, temporary paving, and compaction
- Pressure and leakage testing
- Disinfection, bacteriological testing and flushing
- Construct hydrants, new service connections
- Transfer customers to new main
- Remove existing pipeline from service
- *Could include various delays due to: weather, permit acquisition, equipment failures, utility conflicts, design changes*

Mainline construction

## Close out activities

- Complete punchlist
- Clean up jobsite
- Demobilize mainline crew and equipment

## Final street restoration

- Concrete work
- Paving and striping

