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# **Hidden Valley Water System Improvements Project**

**PUBLIC MEETING: JUNE 28, 2023**

# Agenda

- ▶ **Welcome**
- ▶ **Introduce Project Team**
- ▶ **Project Overview**
- ▶ **Project Schedule**
- ▶ **Construction Details/Impacts**
- ▶ **Stay Connected**

# Project Team

**OWNER**

## Charlotte Water

Amy Vershel,  
Project Manager  
Ajonelle Poole,  
Communications

**CONTRACTORS**

## Sanders Utility Construction

Freddie Young

## BRS

Will Smith

**ENGINEER/PARTNERS**

## STV Engineering

Andrew Vane

## Brown & Caldwell

Laura Reid

## Chernoff Newman Communications

Amanda DeWeese  
Katie Brewer

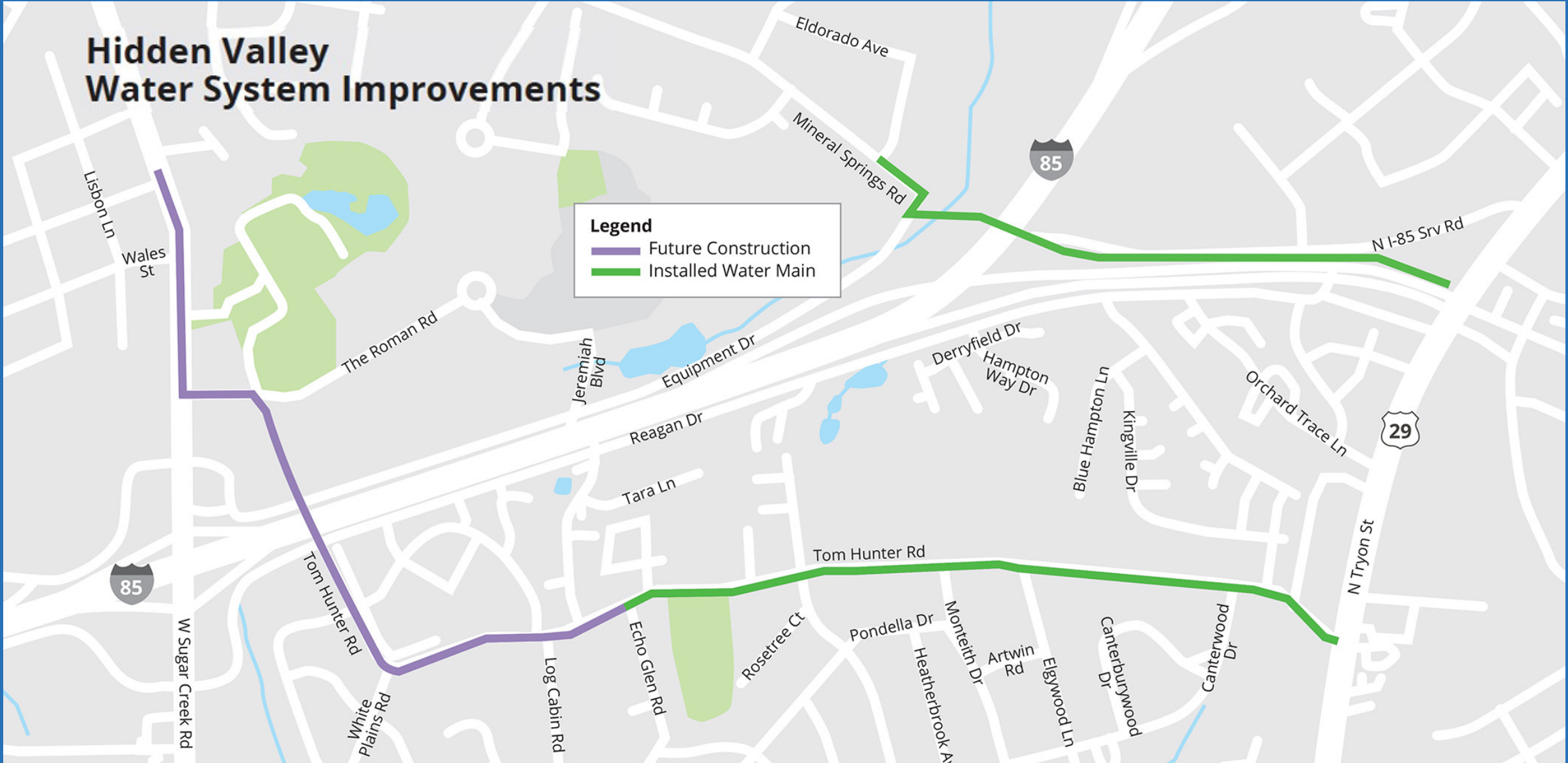
# Project Overview

- ▶ Current water system in the Hidden Valley basin dates back to 1960s and is in need of an update.
- ▶ Historically, the community has experienced low water pressure.
- ▶ This project consists of installing new water mains and replacing large valves that will help increase the pressure to customers in the Hidden Valley neighborhood.
- ▶ The average pressure increase is approximately 20 psi, roughly 50% more pressure than customers see today.

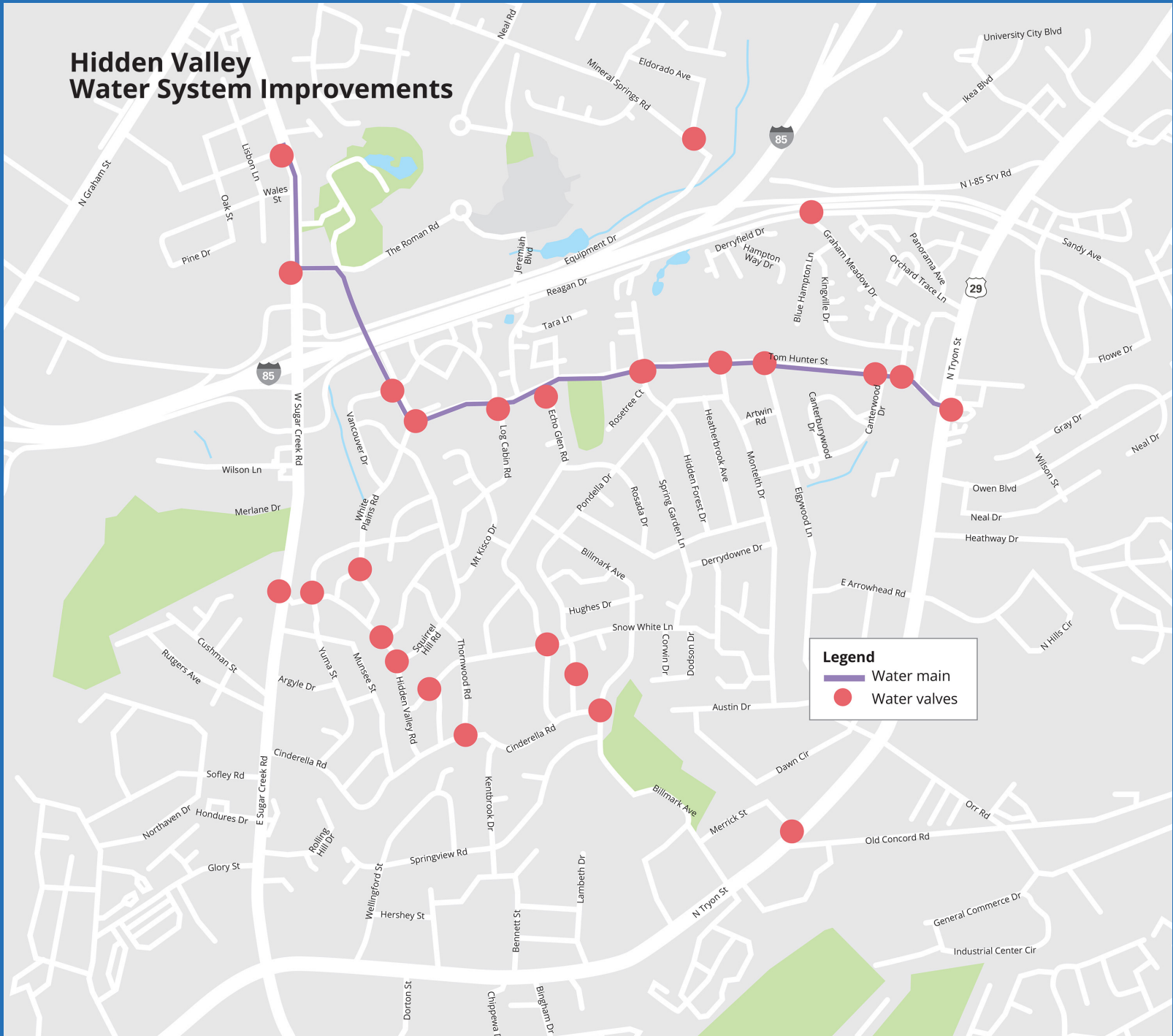
# Project Overview

- ▶ Approximately 15,000 linear feet of water main will be installed under Tom Hunter Road from W Sugar Creek Road to N Tryon Street with a streetscape project following
- ▶ Replacing 12 valves in the streets and public right-of-way within the Hidden Valley neighborhood.

# Hidden Valley Water System Improvements



# Valve Locations



# Project Progress

*What's been done to date?*

- ▶ Added a water main on Tom Hunter
- ▶ Streetscape project along Tom Hunter
- ▶ Ongoing restoration activities
- ▶ Checking and replacing water valves





# Northeast Water Main Replacement Project | Project Team

**OWNER**

**Charlotte Water**

Matt Bedford  
Project Manager  
Cam Coley, Communications

**CONTRACTOR**

**RH Price**

Steve Price

**ENGINEER/PARTNER**

**Stantec**

Mike Garbark

**Yellow Duck  
Marketing**

Laura Nozedar

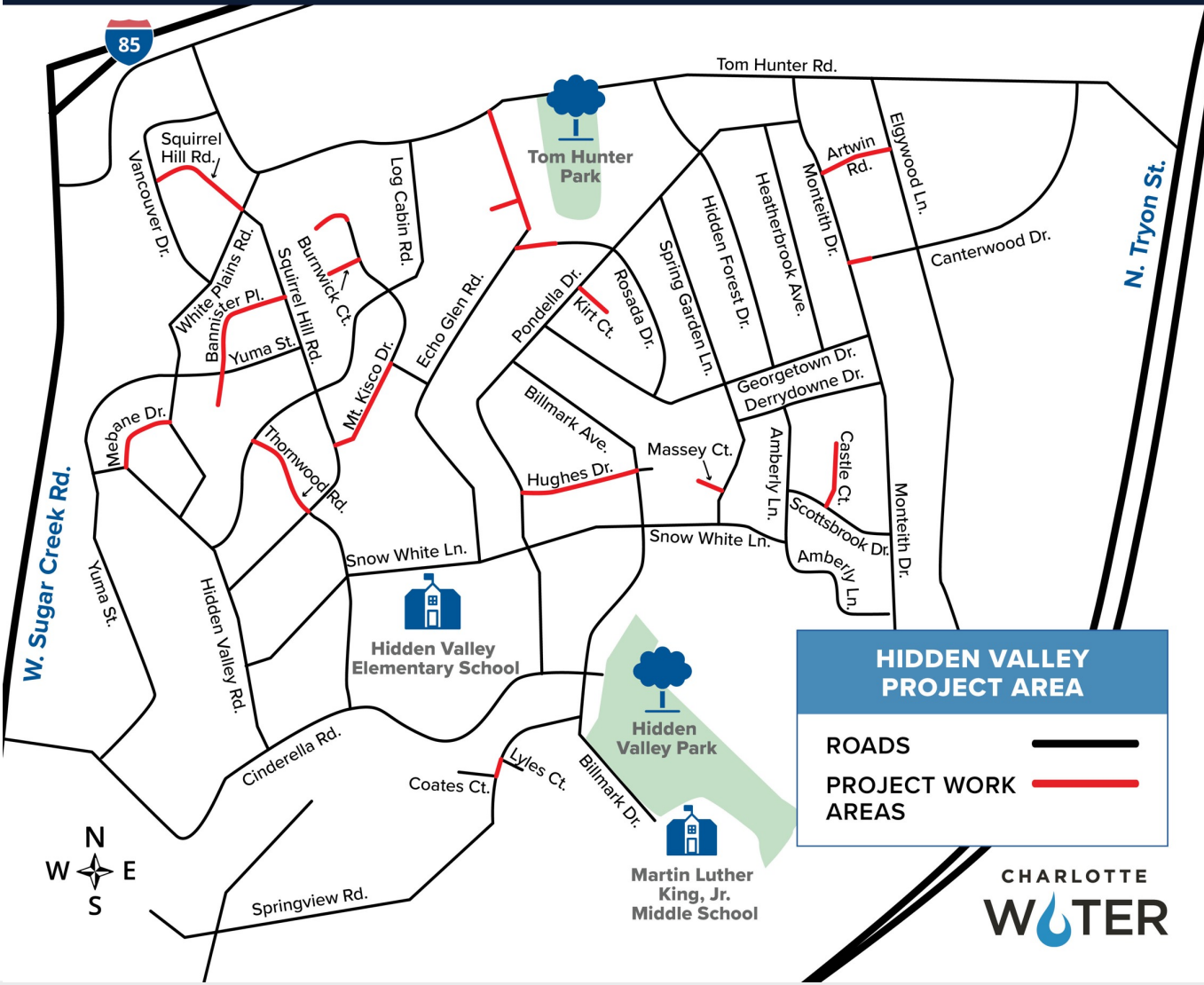
# Project Overview & Schedule

- ▶ Through analysis of water distribution systems in Charlotte, Charlotte Water has identified 12 Northeast Charlotte neighborhoods that require **water main replacements** to better serve residents, including the Hidden Valley neighborhood.
- ▶ **Project Schedule:**
  - Design: Late Summer 2023 – Winter 2024
  - Construction: Anticipated Winter 2024 – Summer 2024

# NORTHEAST WATER MAIN REPLACEMENT PROJECT: **HIDDEN VALLEY**

## Project Area

- Squirrel Hill Rd.
- Bannister Pl.
- Mebane Dr.
- Mt. Kisco Dr.
- Echo Glen Rd.
- Rosada Dr.
- Thornwood Rd.
- Hughes Dr.
- Canterwood Dr.
- Artwin Rd.
- Massey Ct.
- Castle Ct.
- Kirk Ct.





# Construction

# Construction Timeline

- ▶ Ongoing work on Tom Hunter through September
- ▶ July 2023 crews will be replacing 11 valves
  - Estimated duration: 4 weeks

# Water Main Construction Activities

- ▶ Establishing a safe work zone
- ▶ Traffic control measures (as needed)
  - Tom Hunter Road detours in place through the summer
- ▶ Trench digging, placing pipe and back filling
- ▶ Construction traffic within the easements

# Water Service Interruptions

- ▶ Planned water outages will be communicated to affected customers in advance
- ▶ Unplanned water outages are considered emergencies and will be repaired as soon as possible
- ▶ If you experience cloudy, discolored water, please run cold water for up to 15 minutes. If it doesn't clear, call 311 and say "water emergency" for assistance
- ▶ Gallon water jugs will be available near each work area

# Valve Construction Activities

- ▶ Moving equipment on site
- ▶ Establishing a safe work zone
- ▶ Road closures and detours
- ▶ Excavating in the streets, installing valves and back filling
- ▶ Construction traffic within the streets
- ▶ Paving area once construction is complete



# Mobilization & Preparation

## MOBILIZATION AND SITE PREPARATION



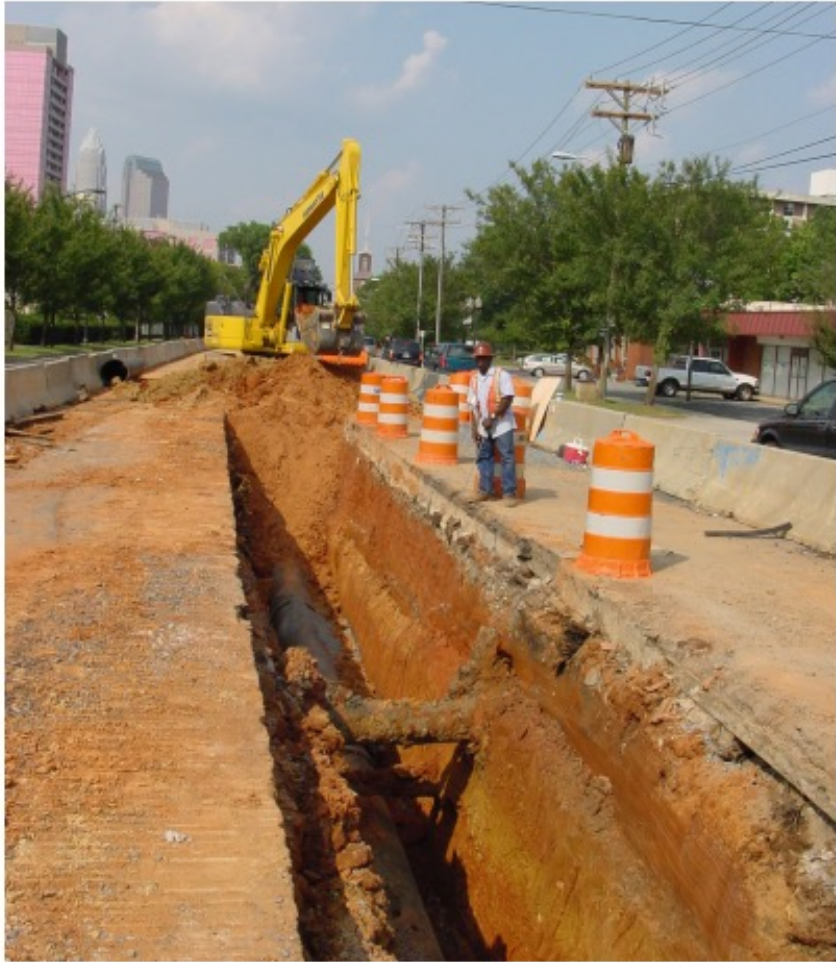
Silt fencing prevents soil /sediment from washing away.

## CONSTRUCTION ZONE



Construction zones will be large enough for excavators and dump trucks to move.

# Active Construction



24-inch drinking water pipe installation.



Excavations for the valve replacements will be limited to the intersections.

# Active Construction



6-inch drinking water pipe replacement project including new service pipes to each water meter.

# Construction & Restoration



In some cases the whole street may be repaved.

# Restoration



CLTWater will restore most yard areas with grass seed and straw.



Crews may patch the road to reopen and later repave or complete restoration efforts after the pipe installation is complete.

# Next Steps

- ▶ Valve replacements in mid-July
- ▶ Restoration activities ongoing
- ▶ Work on Tom Hunter and valve replacements will be complete fall 2023
  - Remaining water line along W. Sugar Creek will be completed by early 2024.

# Stay Connected

- ▶ Northeast Water Main Replacement Project:  
bit.ly/NortheastWaterMain
  - Matthew Bedford, [Matthew.Bedford@charlottenc.gov](mailto:Matthew.Bedford@charlottenc.gov), 704-995-7512
- ▶ Hidden Valley Water System Improvements Project  
project webpage: bit.ly/HiddenValleyCLT
  - Amy Vershel, [Amy.Vershel@charlottenc.gov](mailto:Amy.Vershel@charlottenc.gov), 704-962-7685

CHARLOTTE  
WATER

 CITY OF  
CHARLOTTE