



August 2nd Neighborhood Meeting Summary

Project Overview

Charlotte Water (CLTWater) is adding more than 11,500 linear feet of water pipe to serve Davidson & Cornelius. Customers on Hillside Drive are experiencing cloudy, discolored water because their pipe ends at the end of the street. By connecting the water pipes on Hillside Drive and Cathey Street, customers along both streets should experience better flow and quality.

During the design phase of the project, engineers looked at various alignment options through this area. Engineering evaluations showed that the current alignment was the optimal alignment considering criteria such as engineering specifications, regulatory requirements, budget, and environmental impacts. During the design phase, CLTWater negotiated an easement with Charlotte-Mecklenburg Schools (CMS) to obtain legal access to their property to construct the project. CLTWater discussed alignment alternatives and CMS concurred with the pipe's location on the property. The easement was approved and executed by their board in 2013.

In 2018, CLTWater reached out to CMS to discuss potential alignment alternatives again and CMS chose to stay with the executed alignment. CLTWater redesigned the drinking water pipe installation to be closer to the existing wastewater pipe and worked with the contractor to narrow the 80-foot wide construction area to 30-foot wide preserving several trees and following the existing path.

Meeting Summary

On August 2nd, CLTWater met with neighbors to talk about the CMS property / pipe alignment through the woods between Cathey Street and Hillside Drive. Although the alternative alignment through soccer field is not an option, CLTWater will minimize loss of trees through existing easement and restore with input from neighbors. Below are questions and answers from the meeting.

What is the project schedule?

August 14-15	Remove trees and debris along the 30-foot wide construction limits. Only trees marked will be preserved. Trees outside the clearing limits will not be affected.
September	Install a 24-inch and 6-inch pipe between Cathey Street and Hillside Drive. The 6-inch pipe will also be extended down Cathey Street to the fire hydrant at 323 Cathey Street.
Oct-November	Temporary restoration (seed and straw).

Nov-January
Later 2019

Neighborhood meeting to talk about restoration options.
Complete pipe testing and final restoration.
Enhanced restoration including neighborhood input once project is complete.

Who should I contact if I have questions?

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What will happen to the 40-inch poplar tree?

The 40-inch poplar tree at the end of Hillside Drive will be preserved. A tree that is very close to the 40-inch poplar tree will be removed. The stump of that tree may stay. Removing the other tree may help the 40-inch poplar tree. The Town of Davidson is working with an arborist to ensure the tree is monitored and maintained after the project. The arborist's assessment is that the tree is no longer growing.

Will there be silt fencing?

Yes after the construction area is cleared, silt fencing will be installed.

What will construction look like?

- Construction will be loud, messy and disruption
- The new water pipes must maintain a 10 foot width distance from the existing wastewater pipe except for when they cross.
- The drinking water pipes will be at a higher elevation / shallower under ground than the wastewater pipe.
- Most dirt will be hauled away by dump trucks.
- Neighbors mentioned that some tree roots are under the street.

What will restoration look like?

Although the area will look bad during construction, CLTWater is committed to working with the neighborhood and property owner to restore the easement beyond grass that is native and non-invasive.

- Standard restoration is seed and straw.
- It is very likely that grass seed will include matting due to the topography.

- CLTWater will meet with neighbors and property owner this fall to start discussion about additional restoration options in the easement.

Will the roads be repaved?

CLTWater and contractor will repave the trench area. The Town of Davidson will repave the road curb-to-curb as needed at a later date.

What will happen in easement after construction?

Charlotte Water will clear the easement as necessary to maintain access to the pipes. Eventually, the pipes may need to be repaired and/or replaced after decades of service.

Will I lose driveway access to my property?

Construction activities will take place within the street right-of-way. Our construction inspector will notify property owners if a driveway may be inaccessible for a few hours.

Will my water or sewer services be disrupted during construction?

Disruptions to water and/or sewer services are not expected. If a service interruption becomes necessary, affected customers will be notified in advance. Any unplanned service outages are considered an emergency.

What do the ribbons and stakes mean?

For this project, the surveyor stakes and ribbons denote the following:

Temporary Construction Easement (TCE) is the area adjacent to permanent utility easement used to construct pipeline. Typically this area is cleared to aid construction. After the one year warranty period is complete, property owners may plant trees.

Permanent Utility Easement (PUE): area for pipe installation that can be cleared. The permanent easement may be replanted with some ornamental grass and bushes but not trees. CLTWater has a document describing what is allowed in a permanent easement.

Pink Ribbons or paint: 30-foot wide construction area for the subcontractor to clear inside the easement, unless tree is identified to be preserved.

Blue Ribbon or paint: Center line of drinking water pipe installation

What are the lines spray-painted or marked in our neighborhood?

RED: Electric Power Lines, Cables, Conduit and Lighting Cables

YELLOW: Gas, Oil, Steam, Petroleum or Gaseous Material

ORANGE: Communication, Cable TV, Alarm or Signal Lines, Cables or Conduit
BLUE: Potable Water
GREEN: Sewer or Drain Lines
WHITE: Proposed Excavation
PINK: Temporary Survey Markings
PURPLE: Reclaimed Water, Irrigation or Slurry Lines

Where does my private plumbing start?

The property owner maintains water pipe from the end of meter box (including tail piece) to building(s). The property owner is responsible for pipes and fixtures in the buildings and wastewater pipes until the edge of street or street right-of-way (varies). Charlotte Water maintains water meter up to and including the meter yoke assembly, meter box, and water and wastewater pipes under the public street.