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# Jefferson Street Stormwater and Water Main Replacement Project

Community Meeting  
April 21, 2016

# Jefferson Street Project Description



Jefferson Street is in need of stormwater conveyance improvements and replacement of aging water infrastructure.

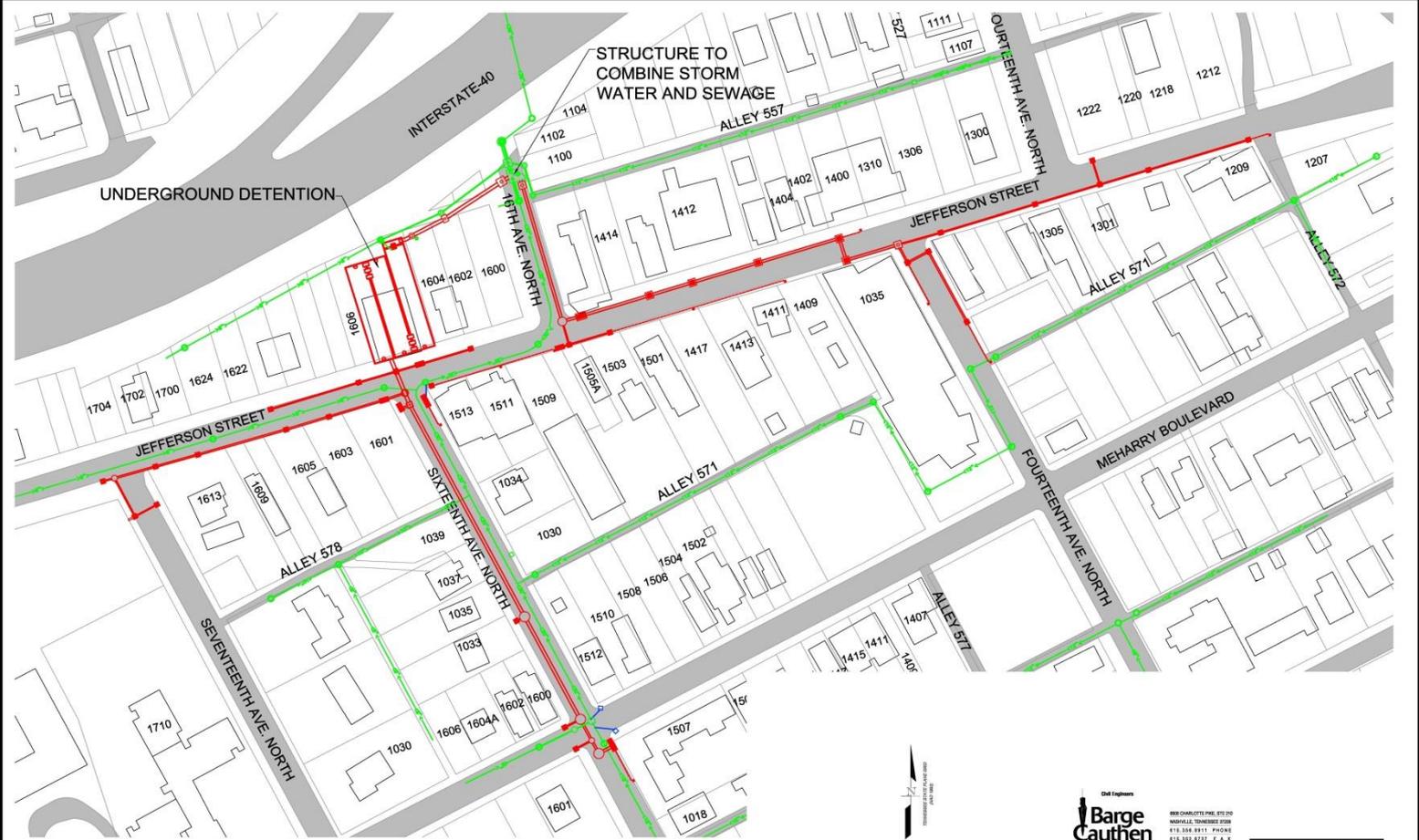
The stormwater and water improvement projects are being combined and done as a coordinated effort.

**Excavation will begin Sunday night, May 8.**

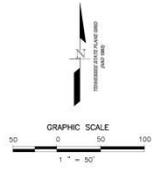
The project is expected to last 10 months







**Proposed**



Civil Engineers  
**Barge Cauthen**  
 ASSOCIATES  
 BARGE CAUTHEN & ASSOCIATES, INC.  
 6608 CHARLOTTE PIKE - SUITE 210  
 NASHVILLE, TENNESSEE 37208  
 CONTACT: RICHARD WILLIAMS, P.E.  
 PHONE: (615) 356-9911 FAX: (615) 352-6737

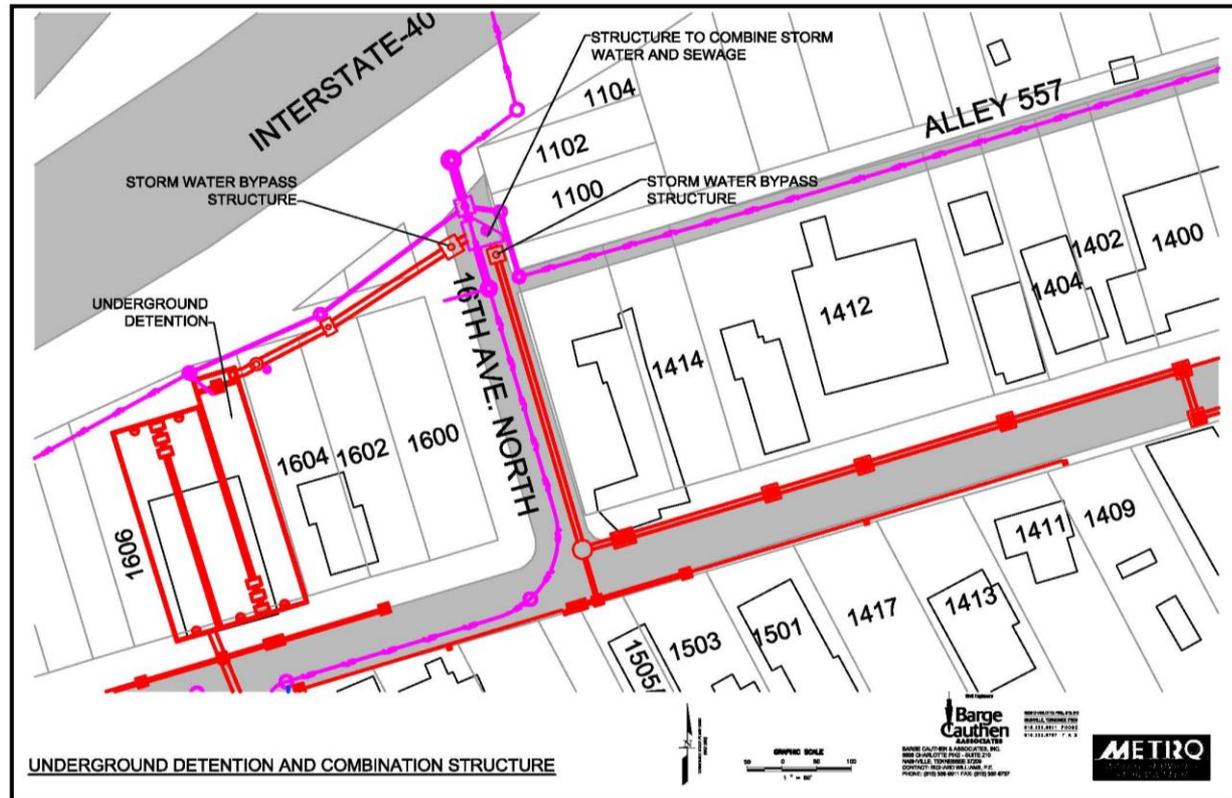
800 CHARLOTTE PIKE, SUITE 210  
 NASHVILLE, TENNESSEE 37208  
 615.358.3311 PHONE  
 615.552.6737 FAX





# Stormwater Scope and Purpose

- A Detention Basin will be built to handle excess stormwater run-off.



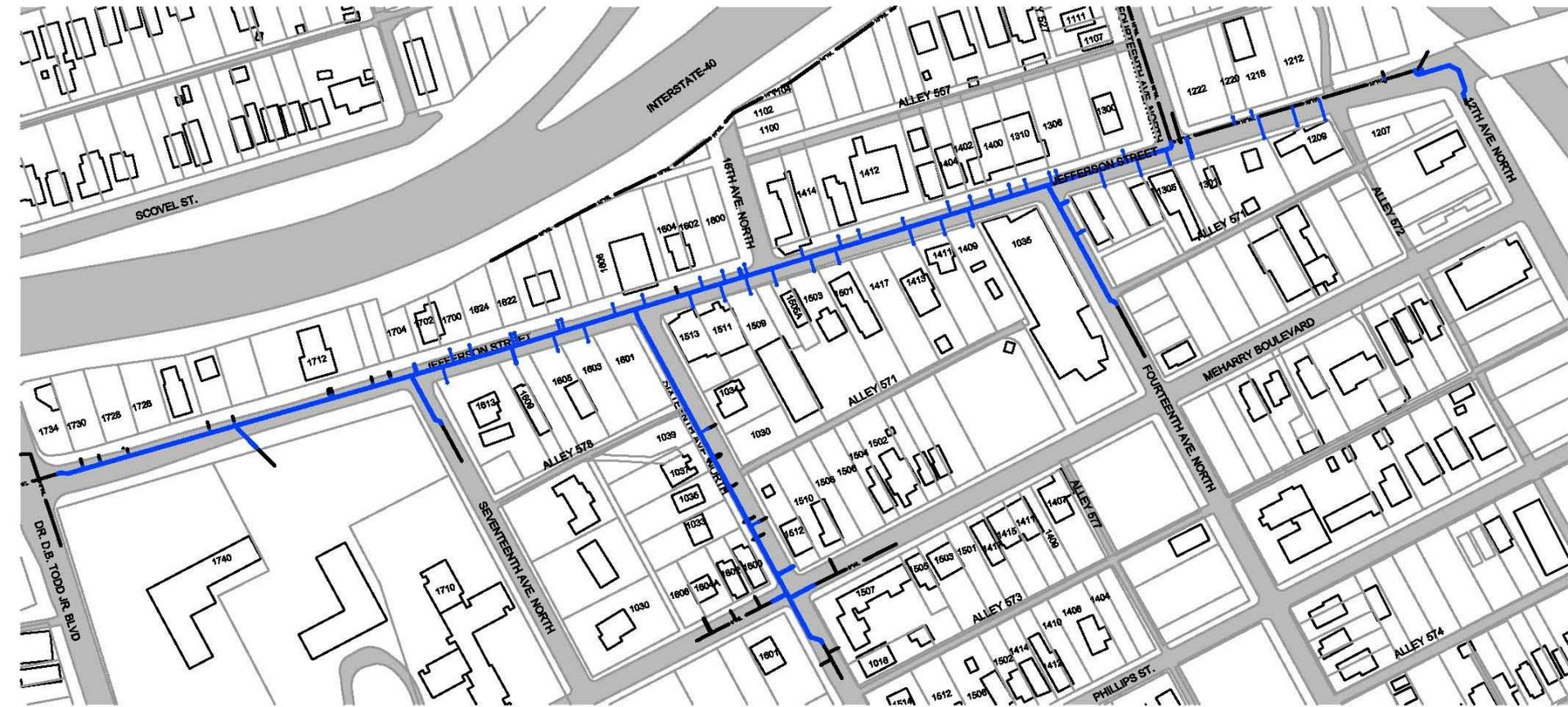
Flooding concerns will not be increased during construction and will be minimized once complete.

# Water Scope and Purpose



- Aging water lines will be replaced with ductile iron pipe
- Installation of new fire hydrants.
- Reconstruction of affected roadways upon project completion.
- Final paving is expected to occur Spring 2017.

# Water Scope and Purpose



# Neighborhood Impacts



The coordinated stormwater and water effort will reduce disruption and inconvenience that would occur with separate projects. However, there will be impacts such as:

- Road closures and detours\*
- Heavy Equipment
- Uneven and loose driving surfaces
- Noise and dust
- Sidewalk closures\*

\* Access to driveways and parking lots will be maintained.

\* Access to the sidewalk will be maintained on at least one side of the road at all times.

# General Construction Sequence

- Crews have begun potholing for existing utilities. (Existing utilities may have to be relocated prior to construction)
- A trench will be saw cut and excavated for installation of the new infrastructure.
- Water lines will be installed, tested and connected to individual services.
- Once complete, temporary paving will be placed over the trench.
- Stormwater infrastructure will be installed after installation of new water lines.
- Once complete, temporary paving will be placed over the trench.
- Upon final completion, affected roadways will be repaved (Spring 2017).



# Work Hours & Closures



- Most of the work will be done Sunday through Thursday from 7 pm – 6 am
  - **Double lane closures** will be necessary over night. Officers will direct one way traffic.



# Work Hours & Closures

- Equipment will be removed from the roadway each morning when possible.
  - **Single lane closures** will remain in effect during the day, leaving one inbound and one outbound lane of traffic



Day Closure



# Coordination and Communication



- Weekly coordination meetings will be held between MWS and the contractor.
- Weekly updates will be sent to the Jefferson Street project email group
- Additional communication will be coordinated through JUMP, Universities, Hospitals, etc.
- Website [www.nashville.gov/projects](http://www.nashville.gov/projects)

# Project Managers



## Garney Construction Contractor



Jeff Seal, Garney Construction  
Trent Roszell, Garney Construction

## Metro Water Services



Justin Pendley, Water  
Renee Jackson, Stormwater