

# Belmont/Optimist Park Wastewater System Improvements

Community Meeting: January 9, 2020



# Agenda/Overview

- Meet key project team members
- Wastewater project overview
- Stormwater and streetscape projects overview
- Breakout groups and discussion

# Why are Improvements Needed?

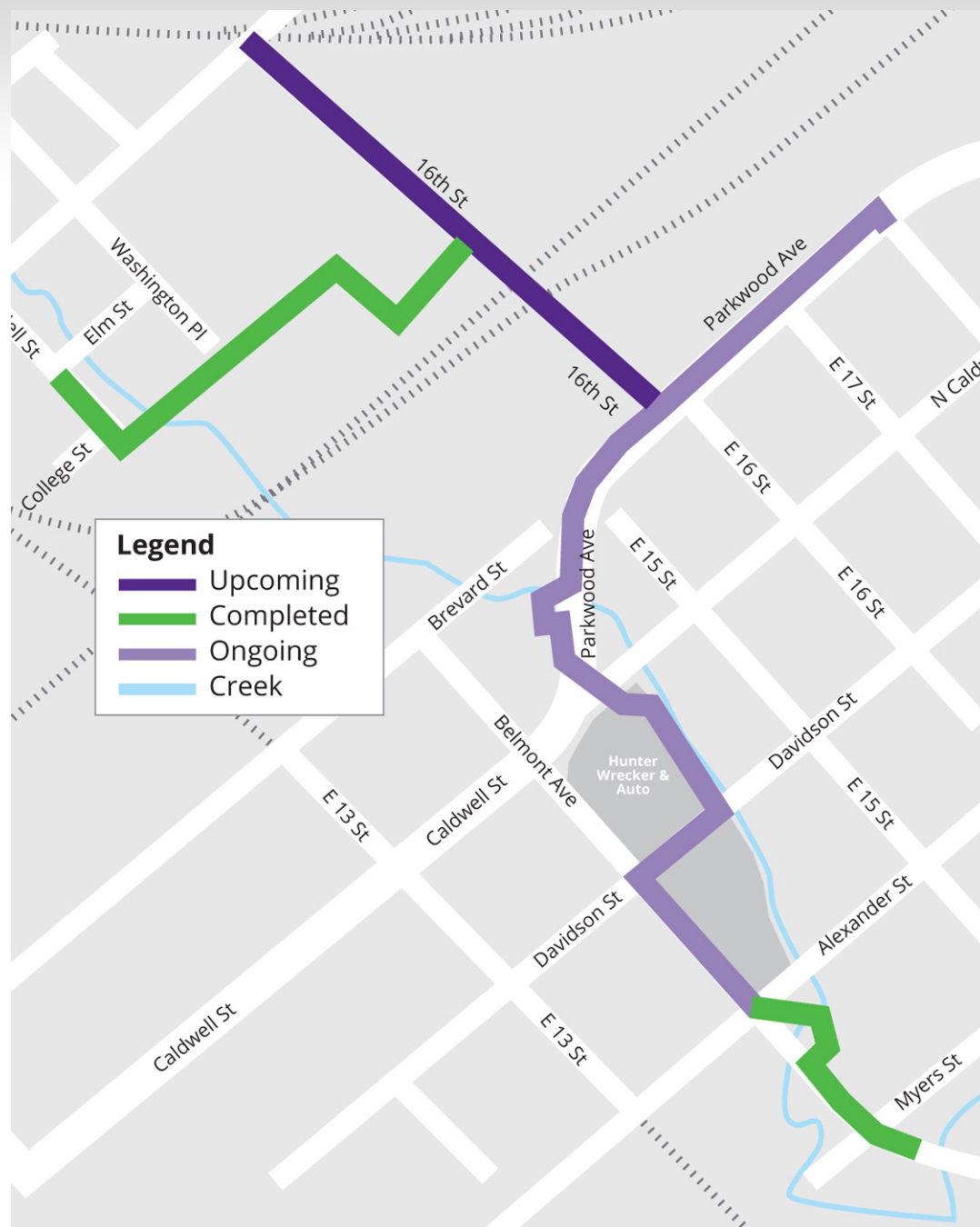
- Improve the wastewater system worn by age, high use, and natural and man-made obstructions.
- Increase wastewater capacity to meet future needs.
- Reduce the risk of sewer overflows.

## Belmont & Optimist Park Neighborhood Wastewater Pipe Project



# What Has Been Done So Far?

- Pipe installation and restoration along Belmont Ave. from Myers St. to Alexander St.
- Tunneling along Hunter Wrecker & Auto property and under N. Davidson St.
- Pipe installation from E. Liddell St. to E. 16<sup>th</sup> St., parallel to the railroad
- Pipe installation along Parkwood Ave.



# Ongoing and Upcoming Work

- Complete tunneling and pipe installation on Hunter Wrecker & Auto and under N. Davidson St. (*expected completion spring 2020*)
- Complete Parkwood Ave. pipe installation and restoration (*spring 2020*)
- E. 16<sup>th</sup> St. between Parkwood Ave. and N. Tryon pipe installation and restoration (*end of 2020*)

## E. 16<sup>th</sup> Street: Construction Activities

- Moving equipment on site
- Pipe delivery and storage
- Establishing a safe work zone
- Trench digging, placing pipe and back filling
- Blasting (if needed)
- Construction traffic in easements
- Pipe installation is estimated to be complete by the end of 2020





# Communications

- Your contact
  - Matt Bedford, Charlotte Water,  
mbedford@charlottenc.gov, 704-336-1009
- Mailers
- Website: CharlotteWater.org, click on  
“construction projects”

# Storm Water Services

## Project Characteristics

- Drainage area = 120 acres
- System age = 50+ years
- Replace system with 1,500 feet of 8'x10' to 10'x12' RCBC



## Stormwater concerns to be addressed

- Undersized pipes
- Street and structure flooding
- Deteriorating and failing infrastructure

## 16<sup>th</sup> Street Streetscape

# Project Purpose



To provide enhancements for pedestrians and cyclists to enjoy, such as sidewalk improvements, the addition of bike lanes and street lighting



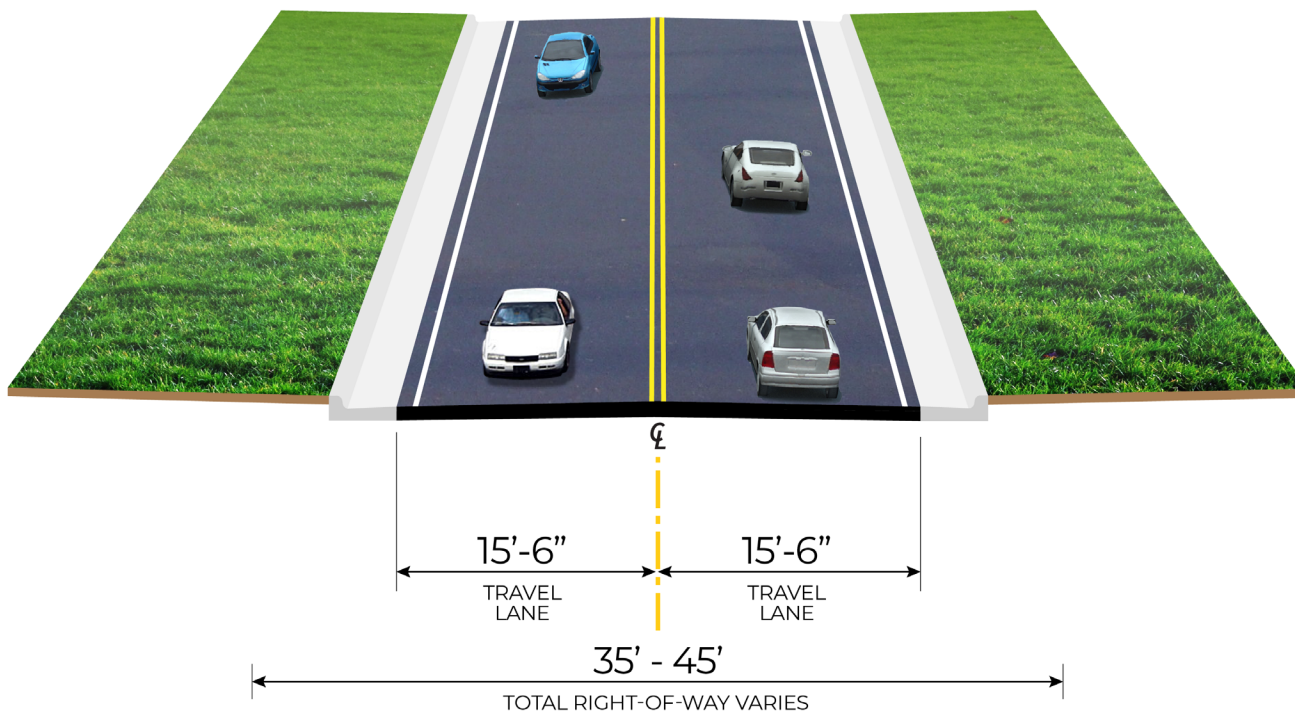
To provide an improved connection across the railroad/light rail tracks and to the Blue Line Extension

## 16<sup>th</sup> Street Streetscape Improvements



- New bike lanes in both directions
- New sidewalk with a planting strip for trees
- Addition of pedestrian lighting
- Improvement of street lighting
- Realignment of portion of 16<sup>th</sup> St between the light rail tracks and Parkwood Ave (completed)

# 16<sup>th</sup> St Existing Typical Section



# 16<sup>th</sup> St Proposed Typical Section

