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**PROPOSAL FOR  
COUNTY / CITY  
WATER AND SEWER  
EXTENSION IN SOUTHEAST  
GASTON COUNTY**

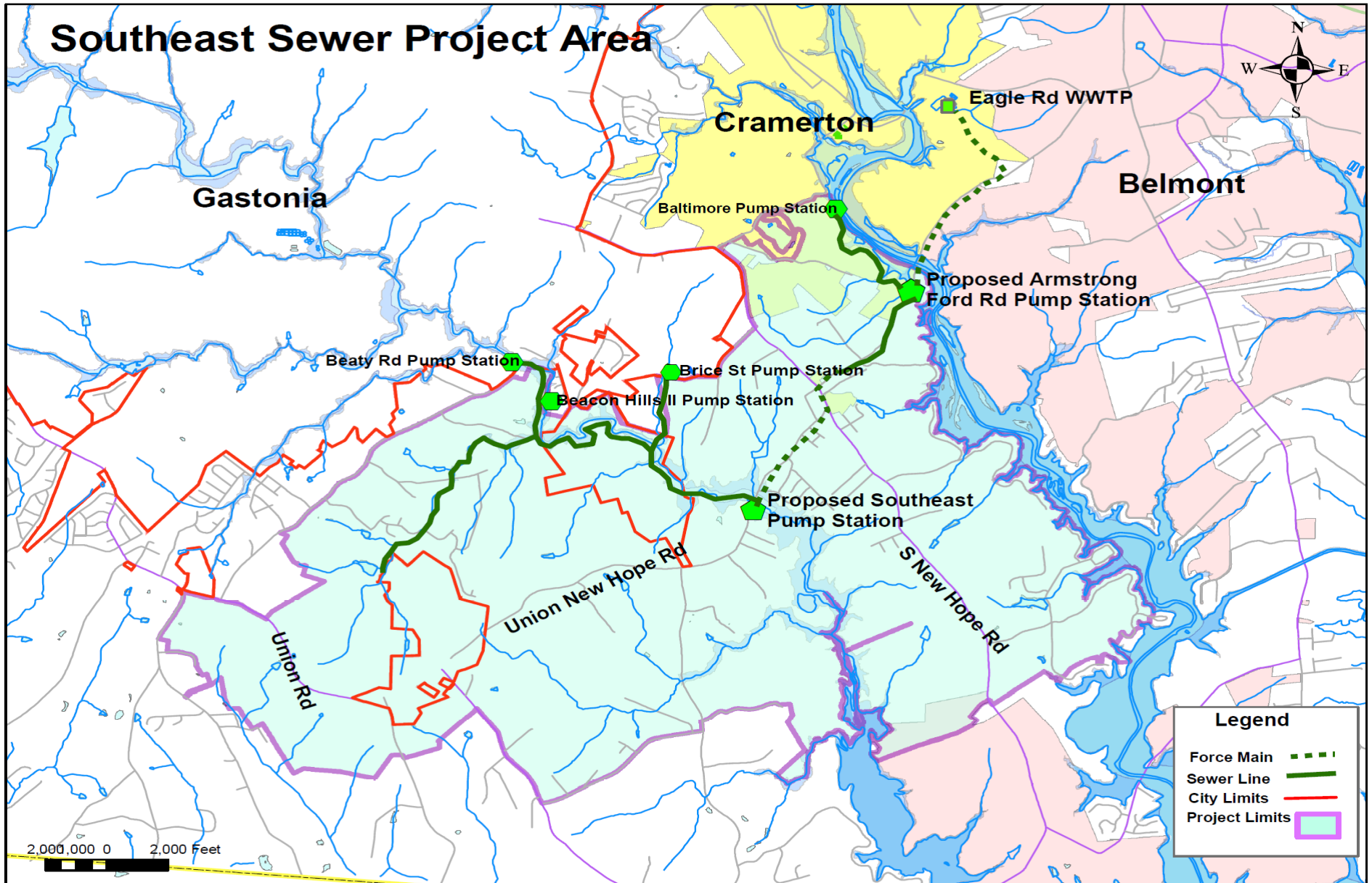
January 2019

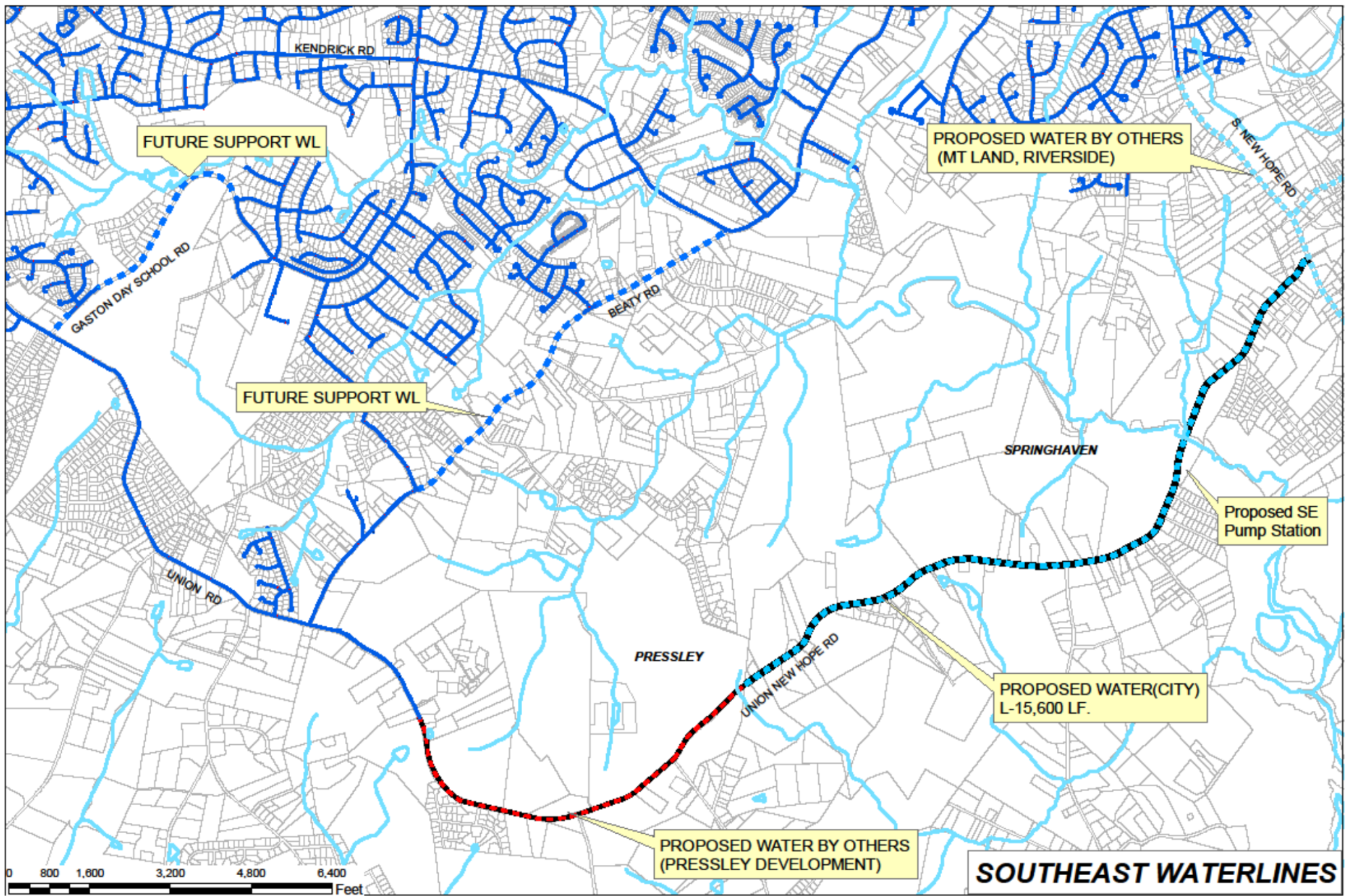
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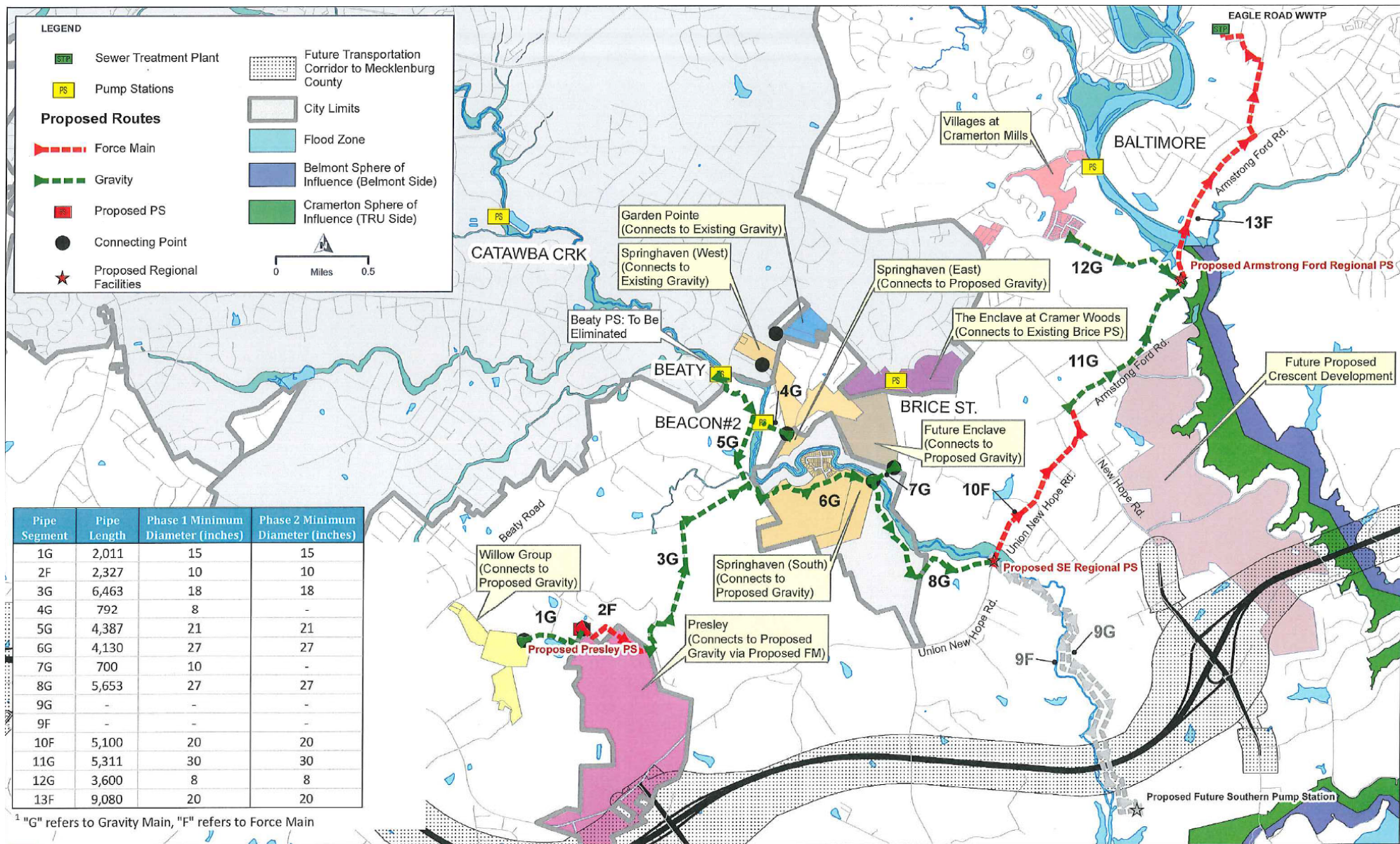
# HISTORY

- In 2009, due to the pattern of growth in the previous decade, Gastonia began to look at the system needs in the southeast area of Gaston County. A study of the Beaty Road Pump Station was conducted relevant to capacity based on growth patterns for residential and commercial development.
- In 2016, the City/Two Rivers Utilities completed a Master Plan for serving the entire southeast area with public water and sewer.
- Short, intermediate, and long-range initiatives were developed and subsequently implemented to address the public infrastructure needs as related to economic growth and development.

# Southeast Sewer Project Area







**SOUTHEAST REGION TO EAGLE ROAD WWTW (PHASED APPROACH)**  
**FIGURE 5-2 - ALTERNATIVE 2**

# CURRENT STATUS UPDATE

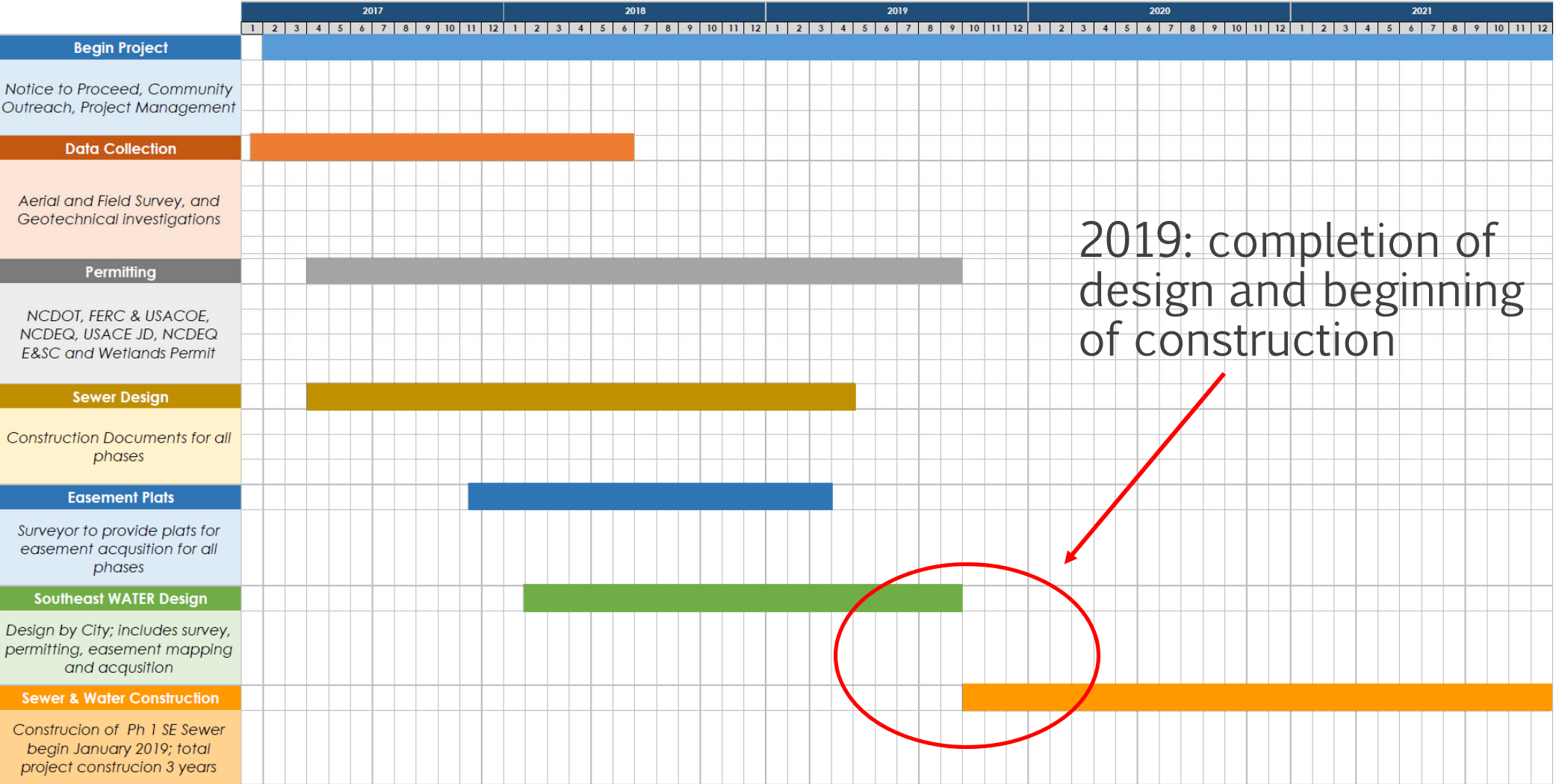
## *SEWER*

- ***Short Term/Immediate Phase Status:***
  - Upgrades to the Beaty Road Pump Station (complete).
- ***Intermediate Phase Status:***
  - Design is complete to further increase capacity at Beaty Road Pump Station; applicable permit applications have been submitted to NCDEQ.
- ***Long Range Phase Status:***
  - Plans and Permitting are complete and Right of Way acquisition is nearly complete for phase I. The design of the remaining portion is at 60% and right of way acquisition is also underway.

## *WATER*

This project involves completing the waterline “loop” along Union Rd., Union-New Hope Rd., and New Hope Rd. City staff have begun the design work and coordination with NCDOT. Design is estimated to be complete in fall of this year.

Southeast Sewer & Water TIMELINE



# MOVING FORWARD

- **Continue to communicate with the development community on the project; solicit feedback.**
- **Complete project design and right of way acquisition.**
- **Continue to pursue project funding:**
  - **County funding participation in the construction of the Southeast Water and Wastewater Expansion Project.**
  - **Federal and/or State grants; zero and/or low interest loans.**
  - **Revenue Bonds.**

# POTENTIAL COUNTY / CITY JOINT VENTURE

- AGREEMENT CONCEPT:

- Gastonia designs, acquires ROW, constructs and maintains public water and sewer infrastructure;
  - *Basic water and sewer lines for the SE service area are estimated to cost approximately \$35M to \$40M; these lines would serve a land area of approximately six (6) square miles consisting of 3,840 acres.*
- Gaston County invests financially in an amount of \$500,000 per year for 20 years, beginning upon completion of construction (FY2022);
- City annually reimburses the County one-fourth of utility connection fees collected from the Southeast Growth Area for 10 years (FY2032).
  - *Current connection fees are \$3,150 for sewer and \$890 for water; Total=\$4,040.*

## BENEFITS OF JOINT VENTURE

- Sensible approach to extension of public water and sewer lines to growth areas of the County.
- Further grow the tax base of the City and County through targeted residential and commercial economic development.
- Provides a mutually beneficial partnership between the City, County, and the development community by extending public infrastructure through the use of a viable and sustainable financial model.

# CITY OF GASTONIA/TWO RIVERS UTILITIES SERVICE AREA and EXISTING SYSTEM

