



Meeting Agenda

ADDENDUM No. 1

Prepared for: Greenville Utilities Commission (GUC)

Project Title: Water Main Rehabilitation Program – Phase III

Project Number: WCP 10039

DWI Project Number: SRP-D-ARP-0025

Purpose of Meeting: Pre-Bid Meeting **MINUTES**

Date: August 14, 2024

Meeting Location: GUC Offices: 3355 NC 43, Greenville, North Carolina, 27834

Time: 2:00 p.m.

Note: Red italicized text summarizes topics discussed during the meeting. Black text was additional information for contractor benefit.

Agenda Topics

Sign-in sheet as Attachment 1 is reflective of in person and virtual attendees per Teams. Plan holders list up to August 16, 2024 is included as Attachment 2.

1. WELCOME AND INTRODUCTION OF PARTICIPANTS

Mr. Chris Garrett (Brown and Caldwell) welcomed attendees and presented the project brief as a shared PowerPoint presentation. The presentation slide deck is included in the minutes as Attachment 3.

The purpose of this Pre-Bid Meeting is to brief attendees about the Contract Documents, which stand as issued, with amended information as follows:

- Drawing Number G-002, add Note 28. Contractor is advised that the cast iron pipe within the project areas is unlined. Consequently, cleaning should include accommodation of significant amounts of tuberculation throughout the pipe length. No increase in bid price will be allowed for additional cleaning for this anticipated condition.
- Specification 02680, Spray-in-Place Pipe Polymeric Lining of Water Mains. Use hole span calculation per F1216-24.

2. PROJECT OVERVIEW

Project is funded from a \$5M ARPA grant for design, construction and administrative services. Approximately \$4.6M is available for construction. GUC intends to use all available funds with additional work should budget become available due to a lower responsive bid.

Bidders should consider the contract drawings as a suggestion and specifications as performance-based that encourage contractor innovation. The goal for the project is a collaborative approach with a AWWA M28 Class III spray-in-place pipe rehabilitation solution suitable for drinking water applications. Pipe alignment is based on record information that was not field verified.

Utility impact moling is required for new services along East 5th Street from abandoned lines to the existing 12-inch diameter asbestos cement main.

Replacement is shown in discrete locations and in support of access pits needed for the trenchless rehabilitation solution.

3. PROJECT SPECIFICS

a. Project Schedule

- Recommend bid award by October 30, 2024
- Execute contract by December 2, 2024
- Receive last reimbursement of ARPA funds by December 31, 2026
- 570 calendar days from Notice to Proceed to Substantial Completion.
- Area P-11 has restrictions from 14th Street to 10th Street due to the Softball World Series and ECU football schedule. Work is restricted to night work from January thru June, 2025/2026.
- ECU Campus Area has restrictions from Reade Street to Meade Street with work restricted to the Summer session, 2025/2026, which is Mid-May to early August June.

b. SIPP

- Signed and sealed calculations required as a Shop Drawing submittal for liner thickness. Specification provides minimum dry film thickness (dft) for bid purposes. Upon notification of award, the low responsive bidder is encouraged to present information supporting dft liner thicknesses that may be less than stated in the specification. The design engineer acknowledges the diversity of polymeric formulations that could meet the design intent with thinner dft. For thinner liner thickness to be accepted, the documentation presented must meet requirements within the project SIPP specification, along with a credit to the contract bid.
- Slide deck presented revised hole span formula.

c. Utility Impact Moling

- Signed and sealed calculations required as a Shop Drawing submittal. Design engineer is open to removing this requirement should the geotechnical information indicate ideal conditions for trenchless installation of services.
- Geotechnical and utility pot holing are separate bid items in support of the impact moling work. Utility pot holing is considered incidental to access pits associated with SIPP lining, and with locating the existing 12-inch water main for service connection installation.

4. **SITE VISIT** Contractor that attended in person did not request a site visit with Engineer and Owner.

5. **BID REQUIREMENTS**

a. **BID OPENING – 10:00 AM, WEDNESDAY, September 4, 2024; Greenville Utilities Commission, 3355 NC 43, Greenville, North Carolina, 27834**

- b. Prices written in words will prevail
- c. Bid to be delivered in a sealed envelope with information requested in Section 00200, Article 15.02 on the outside of the envelope which includes project name, contract number, bidder name, and bidder address.
- d. Brown and Caldwell will review bids and references, with a formal bid award recommendation to GUC.
1. The selected bidder shall comply with all provision of Section 00900 and submit the required information accordingly.

6. **ADDENDA**

Bid questions must be submitted in writing via email to Mr. Garrett's attention at cgarrett@brwncald.com.

ATTACHMENT 1 SIGN IN

Attendees from Teams call-in. Company names and emails not available

Vance Roth, Dave Koger, Peter Vita, Jamie Lang, Giacomo Conte, Lance Secrest, Brendan Paulsen.

In person sign in

Greenville Utilities
 Water Main Rehabilitation Program – Project #: WCP 10039; SRP-D-ARP-0225
 Pre-bid Meeting Sign-in
 Date: 8.14.2024

Company	Contact Name	Phone	email	Address
Brown & Caldwell	Chris Garrett	757-897-6349	Cgarrette@brownandcaldwell.com	
GUC	Scott Farmer	252-551-1529	farmerjs@guc.com	
GUC	Travis Welborn	(252) 917-4561	welborn_t@guc.com	
Institutoform Technologies LLC	Don KsiazaK	860-993-3203	dkksiazaK@azurita.com	
GUC	Jarrett McCalliard	252-551-3398	mcgallyj@guc.com	
GLIC	Joe Bronsini	252-551-1552	bronsini_j@guc.com	

ATTACHMENT 2

Plan Holders List



Water Main Rehabilitation Program – Project #: WCP 10039; SRP-D-ARP-0225

Planholders List

Updated: 8.16.2024

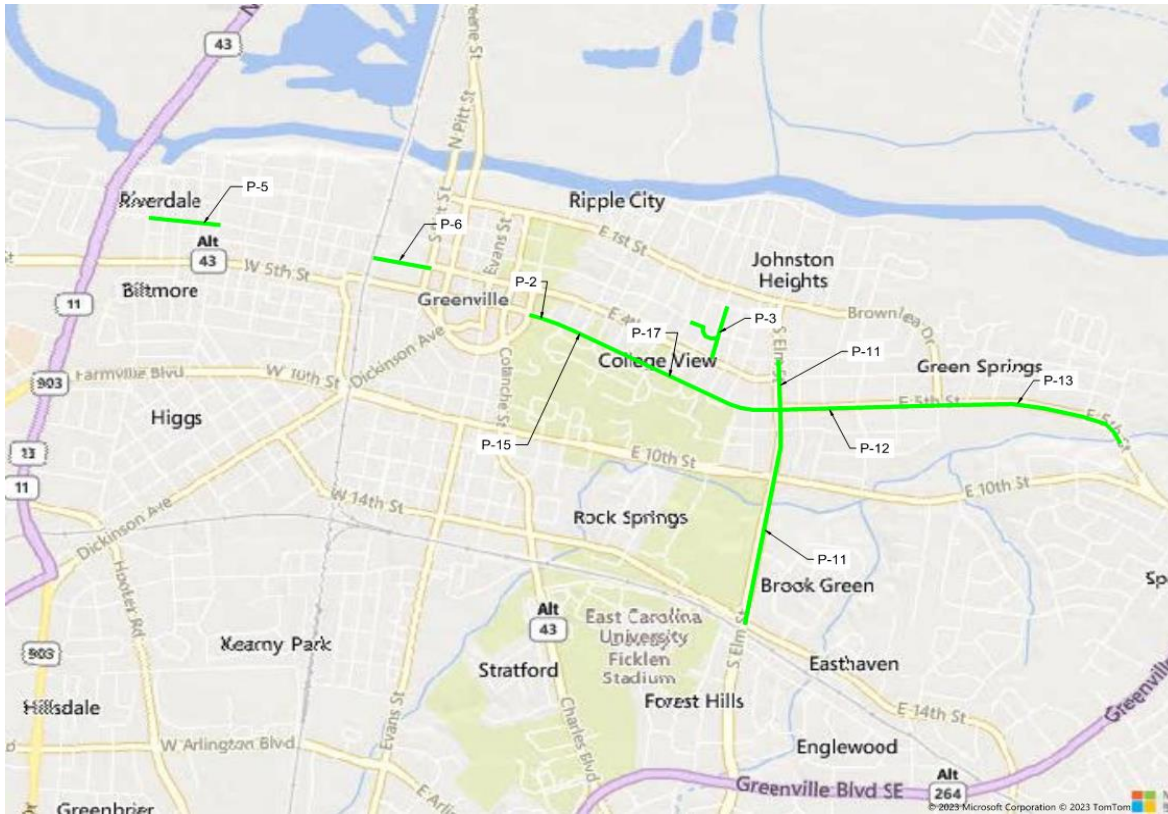
Company	Contact Name	Phone	email	Address	Notes
Michels Corporation	Jamie Lang	920-924-4300 x1904	jlang@michels.us	817 Main Street; Brownsville, WI, 53006	Posted 8-2-2024
J. Fletcher Creamer & Son, Inc.	Dave Koger Susan Kim	908-986-5695	Dave.Koger@jfcson.us Susan.Kim@jfcson.us	101 East Broadway, Hackensack, NJ 07601	Posted 8-5-2024
Sherwin-Williams	Brian Huffman	336-467-5480	brian.k.huffman@sherwin.com	3557 Clingman Road; Ronda, NC 28670	Posted 8-2-2024
Spiniello Companies	Wayne Cunningham	410-235-0094 x304	wcunningham@spinielloco.com	6301 Ivy Lane, Suite 620; Greenbelt, MD 20770	Posted 8-2-2024
SIPP Americas	Dr Mark Knight	519-581-8835	mark.knight@sippamericas.com	Not Provided	Posted 8-2-2024
Insituform	Amanda DeAndrea	813-394-5597	insituformsales@aegion.com	3014 US Hwy 301 North Suite 700 Tampa, FL 33619	Posted 8-2-2024
Spray In Place Solutions	Peter Vita	305-498-2233	peter@sprayinplace.com	46 Knickerbocker Avenue, Suite 1; Bohemia, NY 11716	Posted 8-2-2024
ConstructConnect	Marie San Juan	332-602-5079	marie.sanjuan@constructconnect.com	Not provided	Posted 8-5-2024
North America Procurement Council, Inc. (NAPC)	Louwie	818-286-3838	louwie@napc.me	Not provided	Posted 8-6-2024
Proshot Concrete, Inc.	Danae Cassels	256-764-5941	danae@proshotconcrete.com	4158 Musgrove Drive Florence, AL 35633	Posted 8-7-2024
Carolina Tap & Bore, Inc.	Richard Young Chris Ward	803-739-7056	ryoung@carolinatapanandbore.com Cward@carolinatapanandbore.com	Not provided	Posted 8-12-2024
Sheenwater Group, LLC	Robert Wright	716-954-3164	rwright@sheenwater.com	Not provided	Posted 8-12-2024
Utility Service Co., Inc.	Cristyl Smith	478-988-5080	cristyl.smith@usgwater.com	535 Courtney Hodges Blvd Perry, GA 31069	Posted 8-14-2024

ATTACHMENT 3

Briefing Slide Deck

Greenville Utilities Commission Water Main Rehabilitation Program – Phase III

Project Number: WCP-10039
DWI Project Number: SRP-D-ARP-0025



Prebid Meeting
August 14, 2024 | 2:00 pm EDT

Agenda

1. Project Overview
2. Project Specifics
 - a) Project Schedule
 - b) SIPP
 - c) Utility Impact Molding
3. Site Visit

1. Project Overview

2. Project Specifics

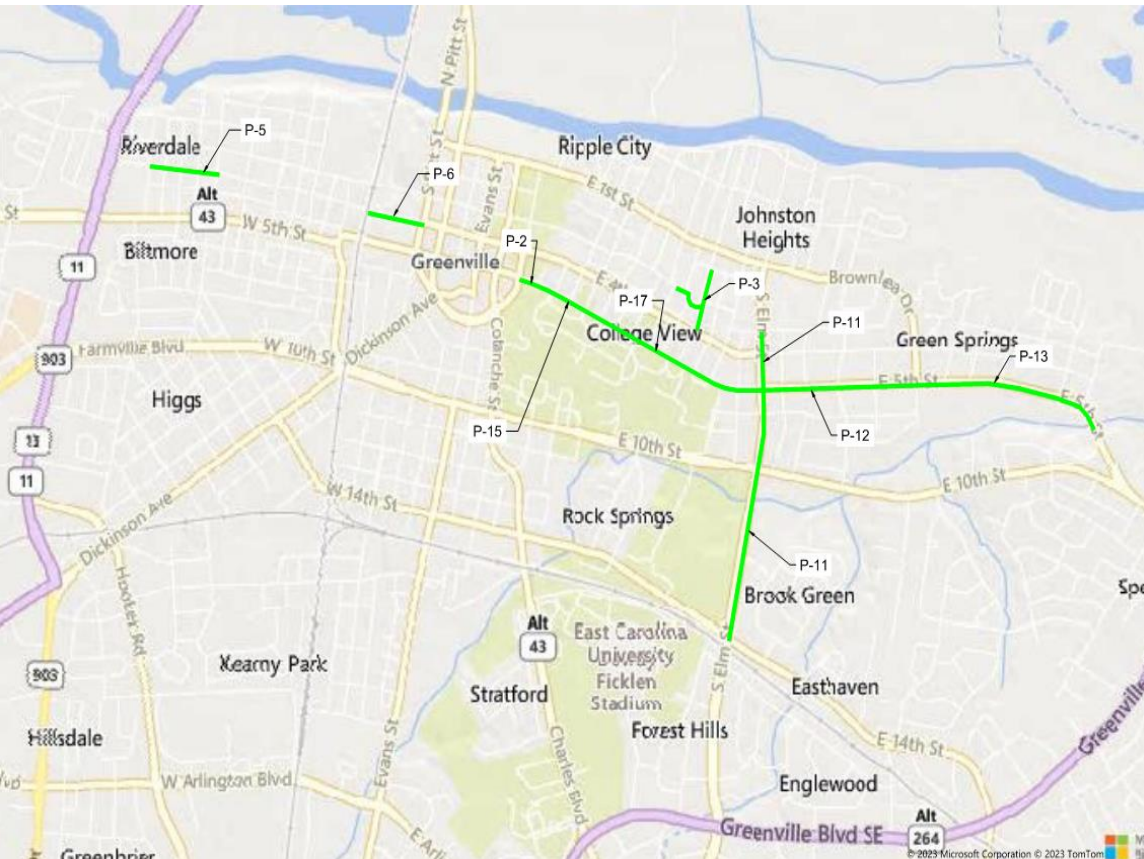
a) Project Schedule

b) SIPP

c) Utility Impact Molding

3. Site Visit

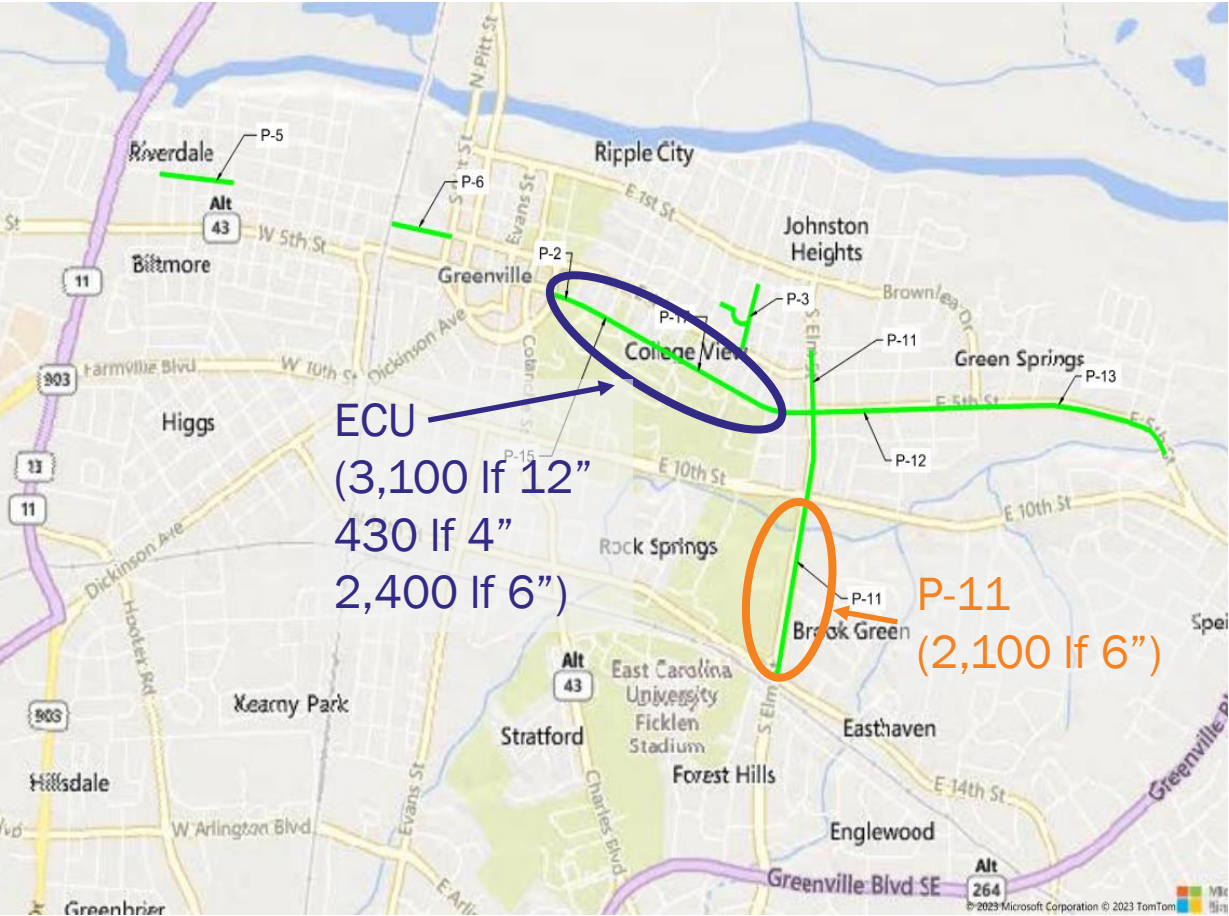
Project Overview



- AWWA M28 Class III (limited to Spray-in-Place Pipe, SIPP) renewal and replacement of 4- to 12-inch diameter water main
 - 430 linear feet (lf) 4" cast iron pipe (CIP)
 - 8,400 lf 6" CIP and asbestos cement pipe (ACP)
 - 285 lf 8" CIP/ACP
 - 8,900 lf 12" ACP
 - East 5th Street and East Carolina University Campus
- New service connections to 12" ACP using trenchless method (moling)
 - Approx. 2,000 lf for approx. 50 service connections

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Project Schedule



- **Substantial Completion:** 570 calendar days
- **P-11 (14th Street to 10th Street)**
 - January thru June (2025/2026)
 - Night work
- **ECU Campus Area:**
 - Mid-May to early August (2025/2026)

SIPP

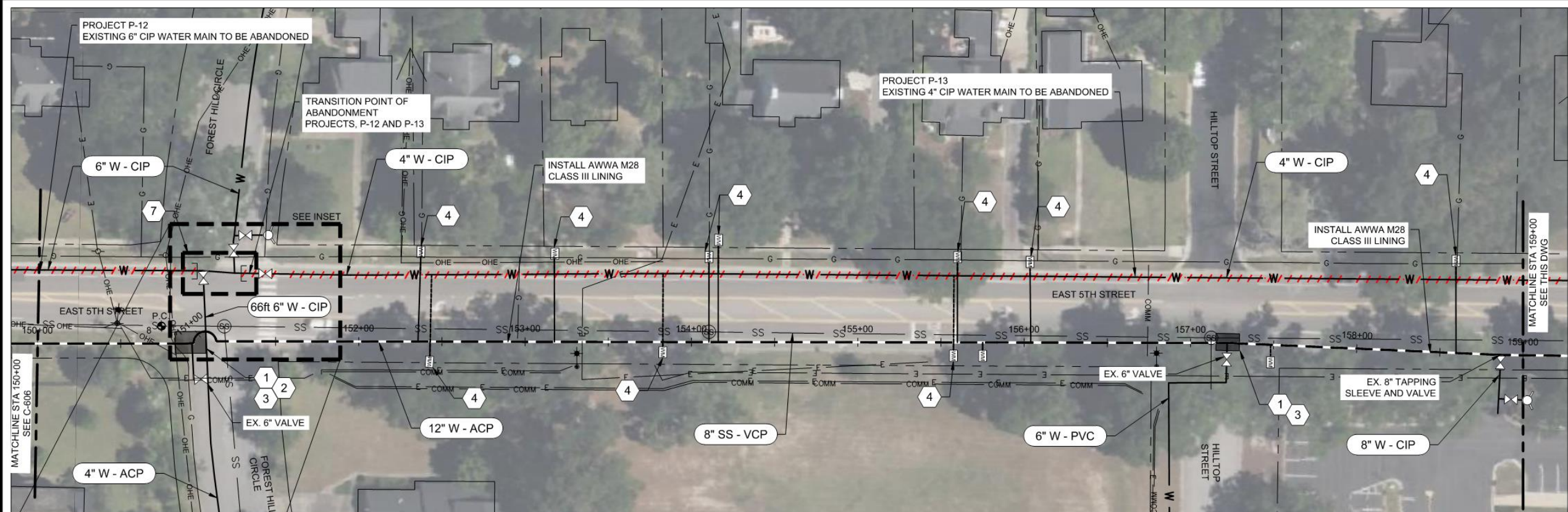
Performance Based Specifications

- **Section 02680 – Spray-in-Place Pipe Polymeric Lining of Water Mains**
 - Signed and Sealed Engineering Calculations required (Shop Drawing submittal)
 - Class III per AWWA Design Guidelines
 - For hole span use $\frac{d}{D} \leq 1.63 \left(\frac{t}{D}\right)^{1/2}$ per F1216-24
 - ASME PCC-2 acceptable alternate with hole span calculation
 - Alternate design using F1216-24 upon written approval
- **SIPP minimum dry film thickness (dft) specified in Section 02680, Paragraph 2.04.B for bid purposes**
 - Upon contract award, we are willing to consider thinner dft, but no guarantee the recommendations will be accepted
- **Utility Pot Holing and Geotechnical Investigations for Access Pits included as incidental within the bid item**

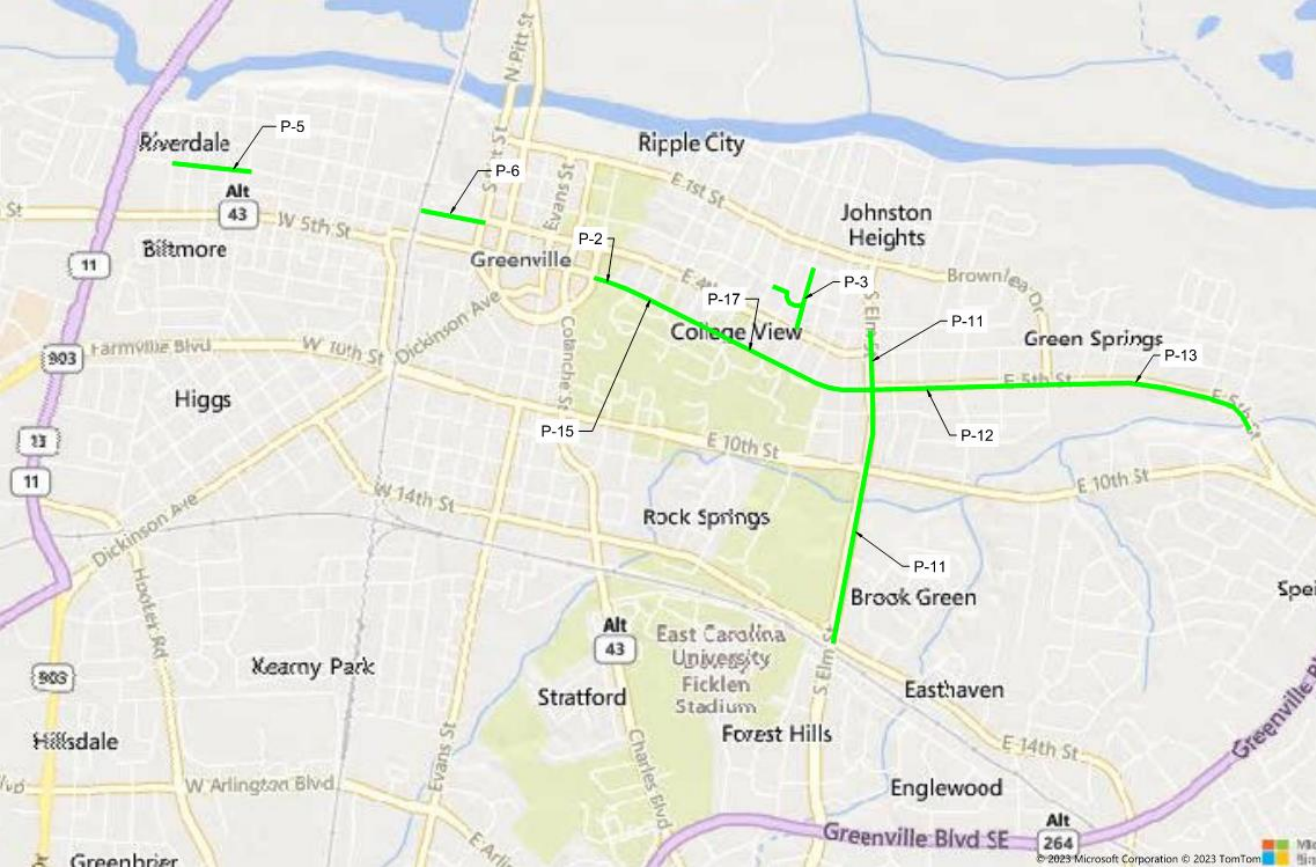
Utility Impact Moling

Performance Based Specifications

- Section 02670 – Utility Impact Moling
- PE signed and sealed calculations for typical installation
- Separate bid items for Utility Pot Holing and Geotechnical Investigations



Questions?



1. Project Overview
2. Project Specifics
 - a) Project Schedule
 - b) SIPP
 - c) Utility Impact Molding
3. Site Visit