REQUEST FOR QUALIFICATIONS

Orange Water and Sewer Authority
West Cameron Avenue Water Line Replacement
CIP Project No. : 275-52
Issue Date: 2/14/2019

Submittal Deadline: March 12, 2019 at 2:00 PM

1. INTRODUCTION

Your firm is hereby invited to submit a written statement of qualifications to provide engineering services for the **West Cameron Avenue Water Line Replacement**. OWASA will conduct a Qualification-Based Selection process to identify the best qualified firm with which to negotiate a contract. All firms submitting qualifications and technical proposals must have demonstrated experience and expertise for projects similar in nature to this project.

To be considered by OWASA, responses to this RFQ must be received by 2:00 p.m. (local prevailing time) on March 12, 2019. Refer to Section 5 – Proposal Requirements for additional details.

No pre proposal meeting will be held for this project. To receive updates on the RFQ you must contact the project manager, Simon Lobdell (smlobdell@owasa.org).

2. OBJECTIVE

The primary objectives of this project are:

- Evaluate the replacement options for the 12" AC waterline on West Cameron Avenue in Chapel Hill North Carolina
- Abandon the 12" AC line and portions of Cast Iron line crossing the railroad leading to the UNC Co Gen facility along the Libba Cotten bike path
- Recommend a design and construction technique that will meet the needs of all stakeholders
- Develop designs and specifications for the work
- Assist OWASA with State Revolving Fund Loan Request
- Perform Construction Related Services to complete the recommended construction
- All other work as necessary to complete the project.

3. PROJECT BACKGROUND AND DESCRIPTION

The Libba Cotton bike path and Railway leading to the UNC Co generation facility is co located with several of OWASA's assets. The waterlines in the corridor have reached the end of their useful life and, in lieu of replacement in kind, OWASA has determined that the lines can be abandoned in place to reduce future liabilities and concerns with line breaks. The 12" AC line continues from the Railway corridor along West Cameron Avenue to the intersection with Columbia Street and is scheduled for replacement. The intent of the project is to identify the most

cost effective and reliable way to execute the replacements. The expectation is that open-cut installation of a new line in the roadway is preferable to other alternatives but a final verification of this method is appropriate and a cost benefit analysis for a second line in the corridor is anticipated. The University maintains Steam and Chilled Water lines in West Cameron Avenue but the lines are not anticipated for replacement at this time.

The traffic control and impact to the University and others resulting from the work along West Cameron Avenue and potentially in the intersection of Columbia Street may be significant. The University is requesting we coordinate efforts and traffic control to reduce impacts during the work, especially if work occurs in the main intersection. A descriptive map of the anticipated work is attached here based on previous budgeting studies undertaken for the water line. Only minor work in the intersection with Columbia Street is currently anticipated

The final scope of the projects will be negotiated with the selected firm.

4. SCOPE OF SERVICES

The engineering services required by OWASA for these projects are to be completed in general accordance with the following scope of services. The final scope of services will be negotiated with the selected engineering firm. The following major tasks are expected to be included in the final scope of services:

- Assessment and conceptual design schematics for construction alternatives
- Cost benefit analysis of direct bury replacement, lining existing lines or both;
- Coordinate with the North Carolina Rail Road (NCRR) and the University Cogeneration Facility to minimize costs and impacts to the project schedule;
- Coordinate with UNC and other stakeholders to minimize impacts to their operations;
- Provide designs which meet OWASA standards and specifications and other regulatory requirements;
- Develop a PER that meets the ER/EID standards for SRF funding agencies;
- Provide bid documents meeting requirements for formally bid contracts;
- Prepare and submit permits required for the projects;
- Assist with construction contract bidding;
- Assist with public communication efforts (if necessary);
- Provide construction contract administration;
- Provide inspection services; and
- Provide closeout documentation (record drawings, CAD files, Engineer's Certifications, etc.)

5. PROPOSAL REQUIREMENTS

Responses to this RFQ must be received by 2:00 p.m. (local prevailing time) on March 12, 2019. To be considered, please submit four (4) copies of the required qualifications in person or by mail or email to:

Simon Lobdell, P.E.
Utilities Engineer
Orange Water and Sewer Authority
400 Jones Ferry Road
Carrboro, NC 27510
Fax: 919-968-4464
E-mail: smlobdell@owasa.org

To be considered responsive to this RFQ, a submittal will address each of the following items:

- Identify the proposed project manager and project team along with experience and qualifications relevant to the scope items listed in Section 4 above.
- Identify similar projects performed within the past 5 years by your firm and project teams.
- Project Schedules: provide achievable schedules from preliminary design through bid award recommendation with sufficient detail to demonstrate your familiarity with these types of projects and ability to submit a simplified ER/EID report to State Agencies to meet an early August 2019 deadline for the PER and a bid package for State Review and approval by January 1, 2020.
- Project Concerns: Identify any areas of concern to successful completion of the projects (through construction).
- Availability: the project team should have sufficient availability to prioritize this work and accomplish the desired tasks within the fastest reasonable timeline.

Please submit no more than 12 pages (i.e., six double-sided sheets of 8-1/2”x11” paper) in response to this RFQ. Resumes and cover sheets, if included, will not count toward this maximum page limitation.

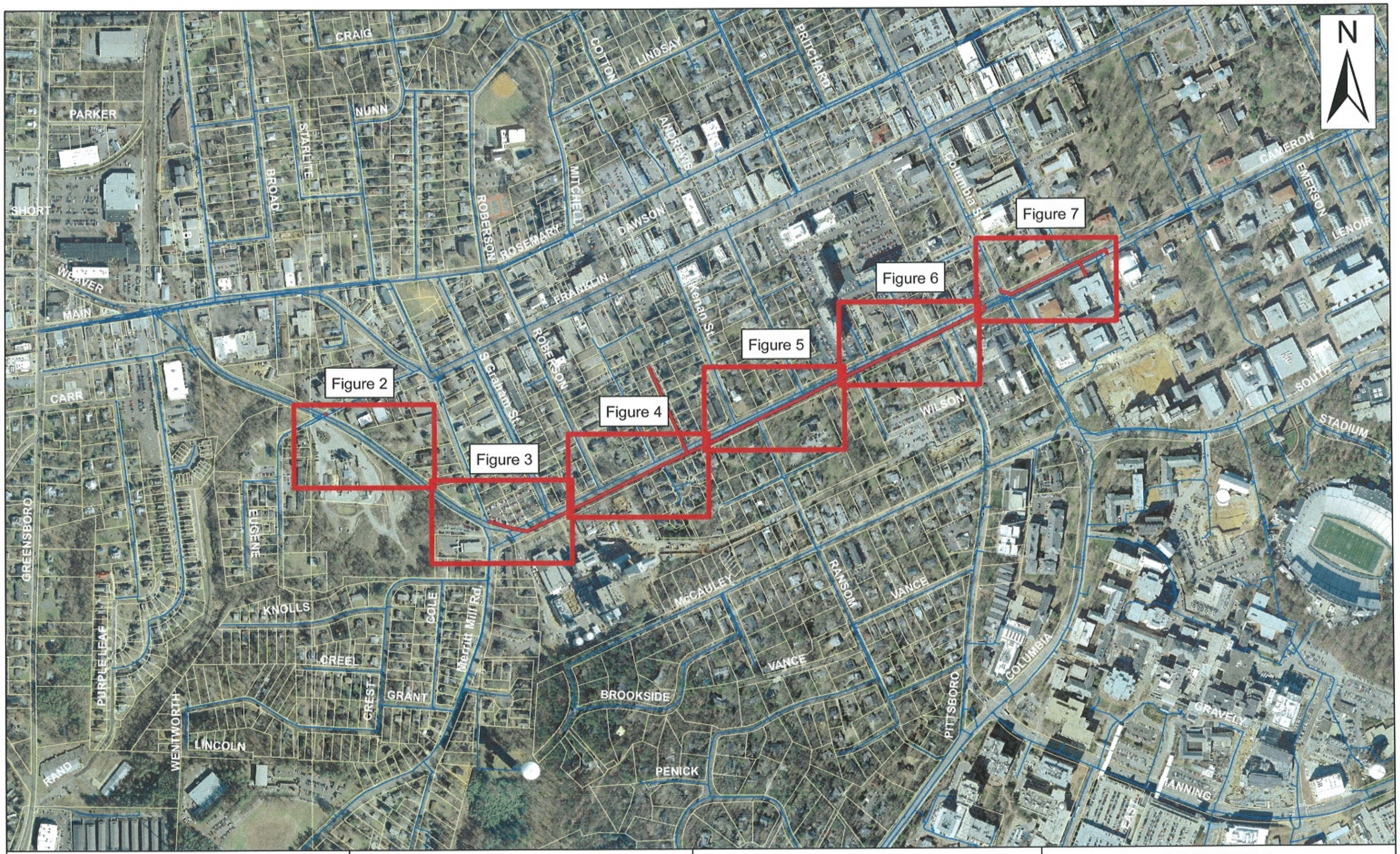
OWASA intends to select a firm on a qualifications basis within one week of receiving the responses to this RFQ and expects to complete final scoping and contract negotiation in April 2019. OWASA reserves the right to reject any and all proposals, to waive any and all formalities, and to disregard all nonconforming or conditional proposals.

6. QUESTIONS

OWASA does not intend to meet with individual consultants prior to the selection. Email all questions regarding this RFQ to Simon Lobdell at smlobdell@owasa.org.

7. ATTACHMENTS

Figures for the initial concept are attached from a previous study completed by OWASA.



OWASA

HAZEN AND SAWYER
Environmental Engineers & Scientists

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1 inch = 500 feet

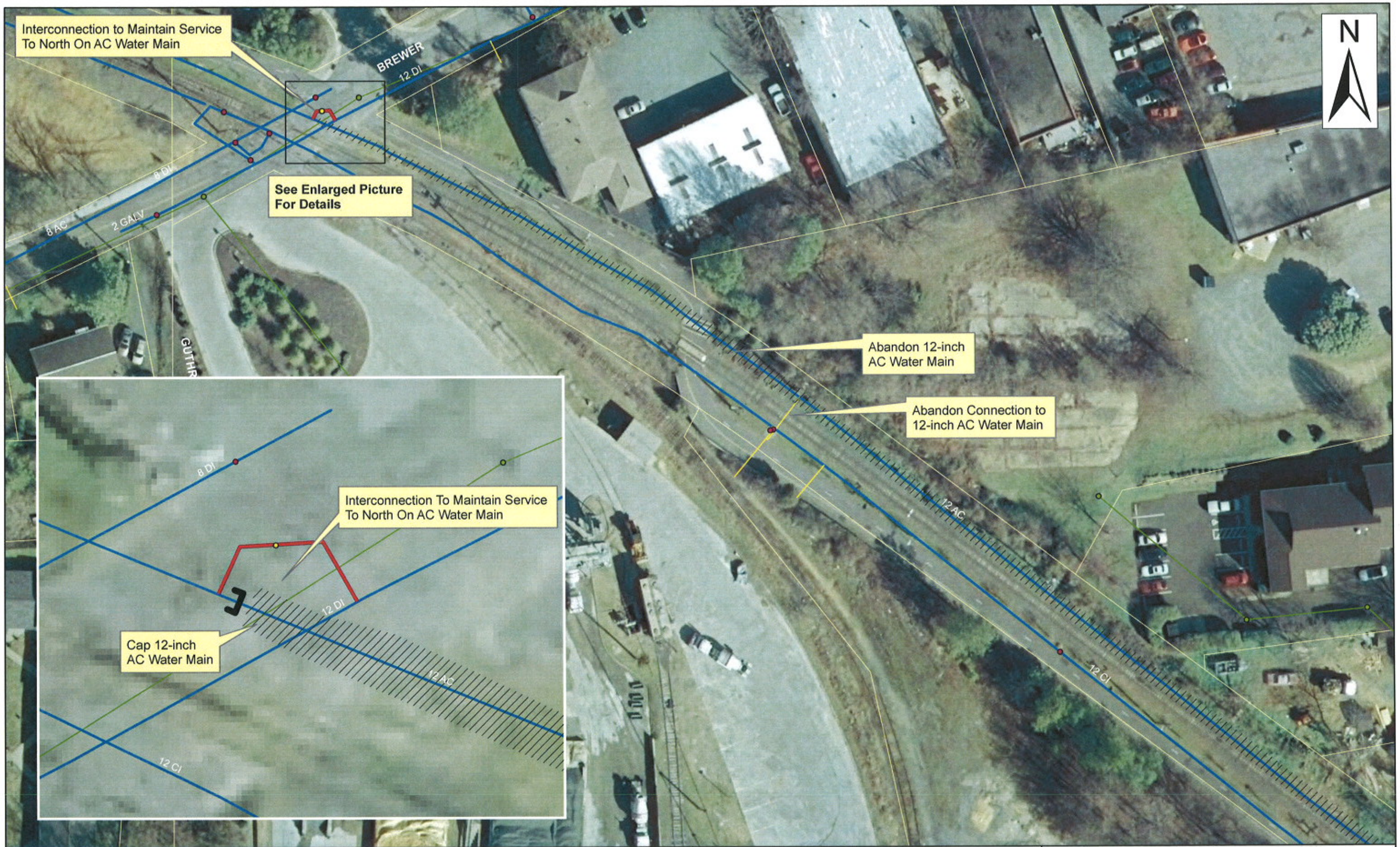
Legend

- Proposed DIP Water Main
- Water Lines

FIGURE 1
PROJECT B.1
LOCATION MAP

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April 21, 2011



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1 inch = 50 feet

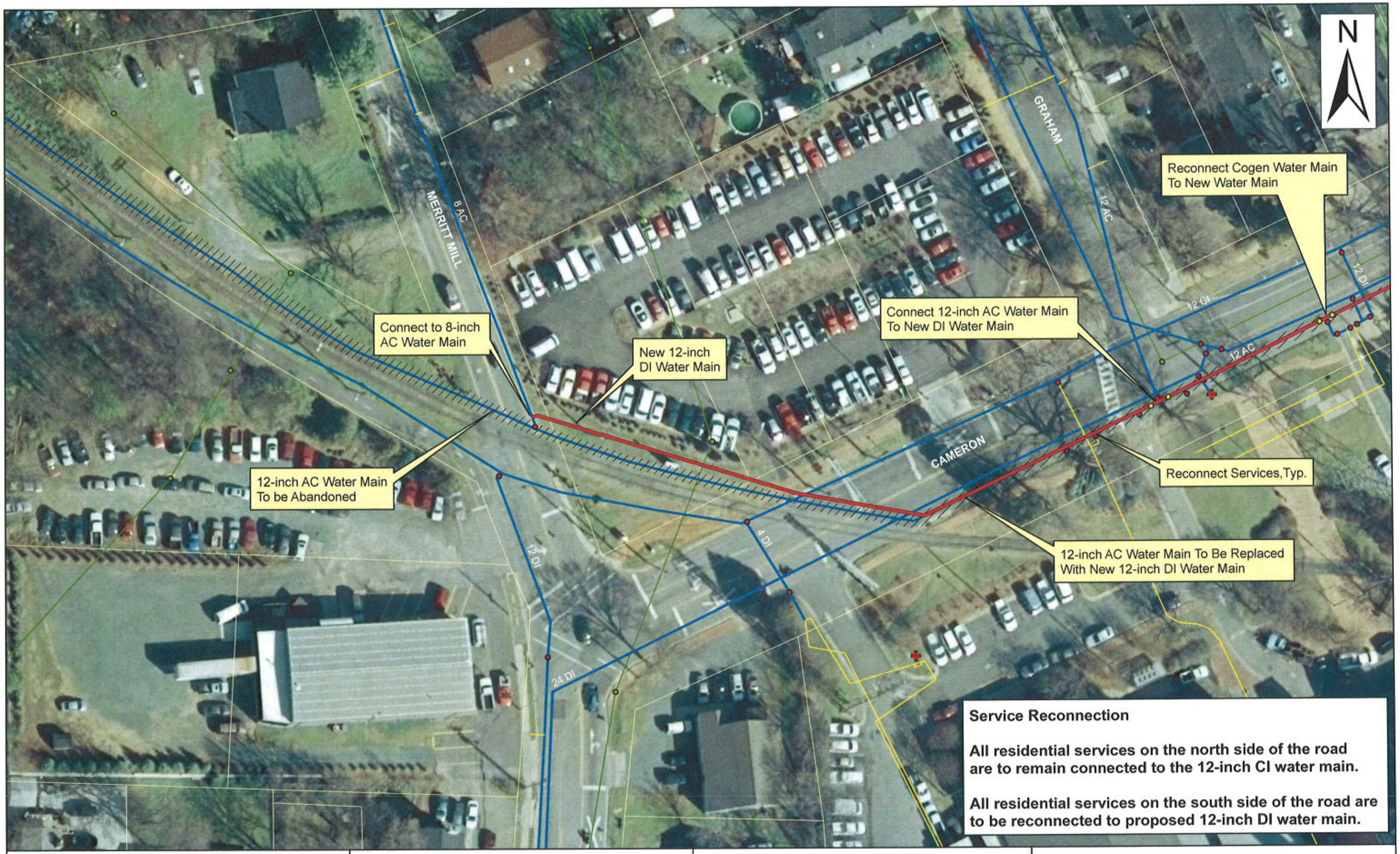
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- Proposed Water Valves
- Abandoned AC Water Main
- Proposed Interconnect
- Water Valves
- Water Service Laterals
- Water Lines
- Manholes
- GravitySewerMains

FIGURE 2
PROJECT B.1
BREWER LN. AREA

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June 9, 2011



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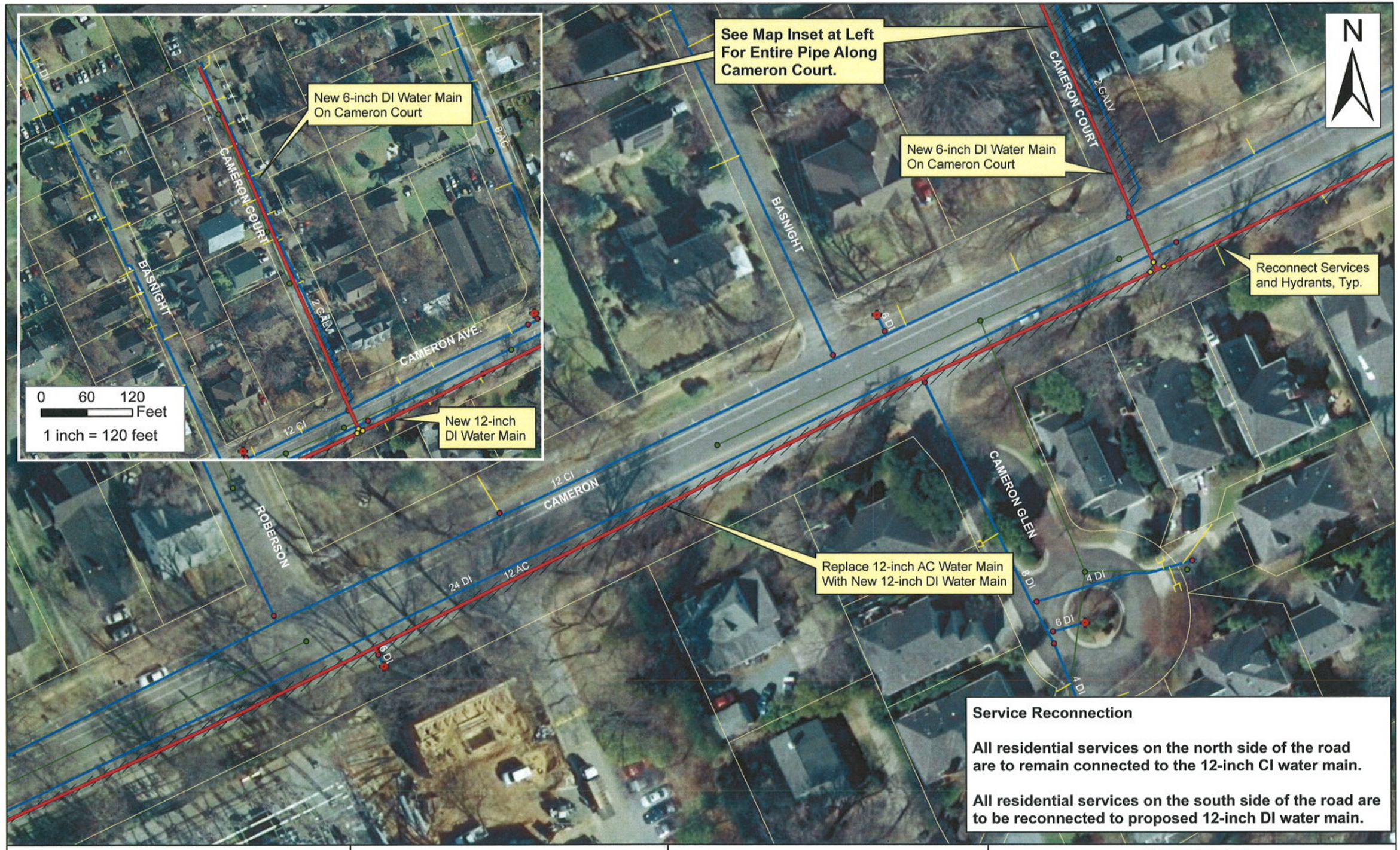
Legend

- Manholes
- Proposed Water Valves
- Proposed DI Water Main
- Abandoned AC/CI Water Main
- Water Valves
- Water Service Laterals
- Water Lines
- GravitySewerMains

FIGURE 3
PROJECT B.1
CAMERON AVE. & GRAHAM AVE.

November 8, 2011

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Service Reconnection

All residential services on the north side of the road are to remain connected to the 12-inch CI water main.

All residential services on the south side of the road are to be reconnected to proposed 12-inch DI water main.

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0 50 100 Feet

1 inch = 50 feet

Legend

- Manholes
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FIGURE 4
PROJECT B.1
CAMERON AVE. & CAMERON GLEN

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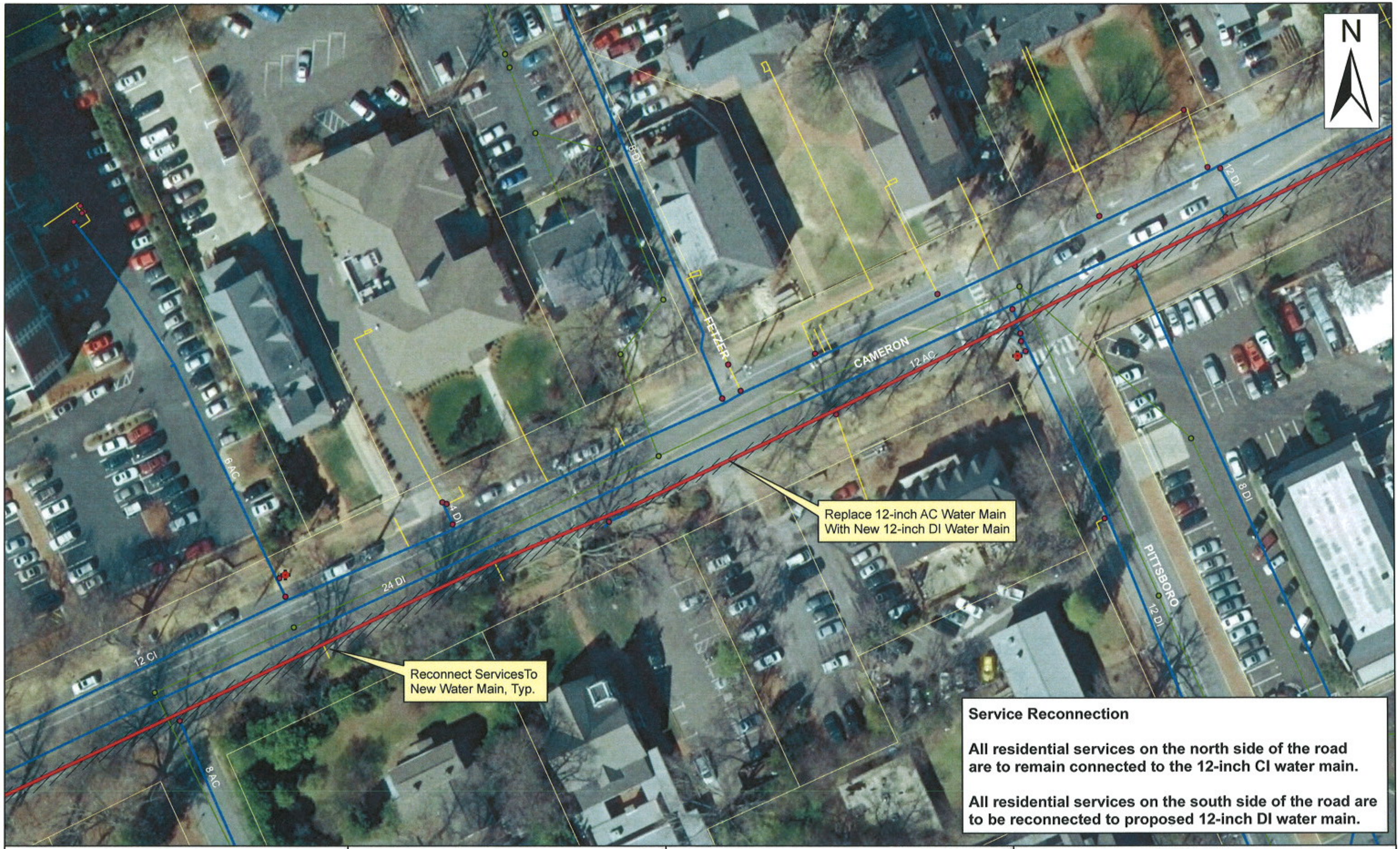
Legend

- Proposed Water Valves
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FIGURE 5
PROJECT B.1
CAMERON AVE. & RANSOM ST.

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November 8, 2011



Service Reconnection

All residential services on the north side of the road are to remain connected to the 12-inch CI water main.

All residential services on the south side of the road are to be reconnected to proposed 12-inch DI water main.

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Legend

- Proposed Water Valves
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- GravitySewerMains
- Manholes

FIGURE 6
PROJECT B.1
CAMERON AVE. & PITTSBORO ST.

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November 9, 2011