

CITY OF JOLIET, ILLINOIS
2027 WATER MAIN IMPROVEMENTS – DESIGN ENGINEERING
ENGINEERING SERVICES AGREEMENT AMENDMENT NO. 1

THIS AGREEMENT AMENDMENT is effective as of _____, 2026, (“Effective Date”) between the City of Joliet (“OWNER”) and Baxter & Woodman, Inc., (“ENGINEERS”) for the purpose of amending the Engineering Services Agreement between these parties effective December 16, 2025, hereinafter referred to as the AGREEMENT to include detailed design engineering services.

WITNESSETH that in consideration of the covenants herein, these parties agree as follows:

The scope of the Agreement is hereby amended to include detailed design engineering services as described in Appendix A, as attached.

The fee of the Agreement is hereby amended to include an additional not-to-exceed fee of \$1,323,900 for detailed design engineering services included in Appendix A for an amended not to exceed amount of **\$2,222,600.00**.

All other provisions of the AGREEMENT shall remain in full force and effect.

IN WITNESS WHEREOF, the parties hereto have executed this Agreement, the Effective Date which is indicated above.

Engineer:
Baxter & Woodman, Inc.

Owner:
City of Joliet, Illinois

By: Sean O’Dell

By: Beth Beatty

Title: Executive Vice President

Title: City Manager

Date Signed: March 19, 2026

Date Signed: _____

Address for giving notices:
8678 Ridgefield Road
Crystal Lake, IL 60012

Address for giving notices:
150 W. Jefferson Street
Joliet, IL 60432

Designated Representative:
Sean O’Dell, PE
Phone Number: 815-444-4438
Email Address:
sodell@baxterwoodman.com

Designated Representative:
Allison Swisher, PE
Phone Number: 815-724-4220
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2027 WATER MAIN IMPROVEMENTS DESIGN ENGINEERING

APPENDIX A

PROJECT DESCRIPTION

The locations of the water main projects included in this scope of work are summarized below. The scope of this amendment does not include design engineering for the Eastern, Benton, and Cass project.

Project Location	Length of Water Main Replacement/Extension (ft)
Akin Park & Bissel	7,500
Bluff and Van Buren	2,900
Cathedral Area Phase 2	8,900
Cunningham Phase 2	14,200
Gardner	10,700
Hartman	11,700
Heggie Park Phase 3	11,300
Midland	5,300
Oneida Heights	14,300
St Pat's Phase 2	12,500
Total	99,300

SCOPE OF SERVICES

1. PROJECT MANAGEMENT

- A. Plan, schedule, and control activities to complete the Project. These activities include budgeting, scheduling, and monitoring the scope of services. Provide a monthly status report describing tasks completed the previous month and outlining goals for the subsequent month.
- B. MEETINGS
 - 1) Design Meetings – Conduct up to eight virtual review meetings with staff at times during the design of the Project to clarify staff wishes, design questions,

and/or construction methods. For each Bid Group, design meetings will normally consist of a Kickoff Meeting, one preliminary design meeting, where the initial layout of the water mains are approved prior to design drawing preparation, one meeting at approximately 60% completion, and one final meeting at 90% completion. Included are two intermediate meetings as deemed necessary by the City or the Engineer.

- 2) Status Meetings – Conduct weekly meetings as needed to review scope, schedule, and critical path issues including information on the status of the projects, any issues that need to be addressed, and upcoming tasks.

2. DESIGN

A. DRAWINGS – Prepare Design Documents consisting of Drawings showing the general scope, extent and character of construction work to be furnished and performed by the Contractors selected by the City for each of the ten projects. Indicate location of utilities from best available records. Create legends, general notes, and designer instructions to contractors, to create a final set of construction drawings. Preliminary, 60% Design, and 90% Design submittals are anticipated. Review and respond to one set of comments for each submittal. Update the City’s GIS with proposed project locations.

B. SITE VISITS FOR DESIGNERS – Conduct site visits by designers of water mains to verify the Drawings, select routes for pipe, and investigate pipe installation methods.

C. ENGINEER’S OPINION OF PROBABLE COST – Prepare an opinion of probable total Project cost including construction cost, contingencies, construction engineering services. Cost estimates will be included in the 60% Design, 90% Design, and Final Design submittals.

D. MAINTENANCE OF TRAFFIC – It is anticipated maintenance of traffic plans will be required for nine projects: Bluff and Van Buren, Cathedral Area Phase 2, Cunningham Phase 2, Gardner, Hartman, Heggie Park Phase 3, Midland, Oneida Heights, and St Pat’s Phase 2. Develop a preferred maintenance of traffic and staging plan for comment and approval. Identify the preferred strategy for maintaining traffic and driveway access. Complete a design of the preferred staging plan, which may include a detour or staged construction. Prepare construction staging notes, typical sections, and layout to maintain local traffic flow through the construction zone.

- 1) Detailed pedestrian traffic plans will not be prepared and this work will be covered under typical Traffic Control and Protection pay items and details.

3. SPECIFICATIONS – Prepare for review and approval by the City and its legal counsel the forms of Construction Contract Documents consisting of Advertisement for Bids, Bidder

Instructions, Bid Form, Agreement, Performance Bond Form, Payment Bond Form, General Conditions, and Supplementary Conditions, where appropriate, for each of the 10 projects. Provide necessary documentation for specifications to comply with IEPA PWSLP and WIFIA loan or grant requirements. Prepare Technical Specifications in conformance with the format of the Construction Specifications Institute. Provide final specifications to City upon completion of design.

4. PEER AND CONSTRUCTABILITY REVIEWS – Conduct QA/QC peer reviews of Drawings and specifications. Utilize Construction Department personnel to provide a review of drawings and specifications. Make revisions based on comments from both engineering and construction departments.

5. PERMITS

- A. IEPA/DPWS – Submit the design documents to the agency for permit to construct, own, and operate the Project.
- B. IDOT – Contact and meet with Illinois Department of Transportation to review proposed work and determine if any IDOT permits are required for the Project. Submit for permits if any are required. IDOT permits are anticipated for seven projects: Akin Park, Bluff and Van Buren, Gardner, Hartman, Midland, Oneida Heights, and St. Pat’s Phase 2.
- C. IDNR – Submit a Notice of Intent and the Stormwater Pollution Prevention Plan to the IEPA for a General NPDES Permit No. ILR10 for each project that disturbs one acre or more.
- D. Railroad Permits – Railroad permits and license agreements are anticipated for the St. Pat’s Phase 2 project. Submit the design documents and initial application to the agencies listed below for review and approval. It is anticipated that the Contractor will be responsible for final permit approval, insurance, and any required investigations and reports including safety plan, shoring plan, dewatering plan, construction monitoring plan, rail monitoring plan, and reporting plan. Permit fees are not included in this Scope of Work.
 - 1) St. Pat’s Phase 2 – CSX Transportation (abandonment of existing water main)

6. PROJECT BID

- A. The Project will consist of up to 10 separate Bid Packages. It is anticipated that the projects will be bid in two Bid Groups.
- B. Attend one pre-bid meeting.

- C. Set bid dates with City, create Advertisements for Bids (AFB), and provide AFBs to City for publication. Answer bidder's questions during bid period.
 - 1) Addendums - Issue necessary addenda, as necessary.
 - 2) Bid Tabulation and Letters of Recommendation - Tabulate all bids received and review all bid submittals to verify low bid is responsive and responsible. Issue a Letter of Recommendation to Award a construction contract and Notice of Intent to Award to the City for their action.

7. GEOTECHNICAL SERVICES

- A. Hire a geotechnical subconsultant to complete soil borings and pavement cores, collect and analyze soil samples, determine groundwater levels, and prepare written report.
- B. Provide geological services for completing IEPA Form 663, including CCDD screening, testing, and subsurface investigation. Coordinate with local disposal sites for pre-approval of investigated materials.

8. NOT INCLUDED

- A. The following items are not included within the scope of this project, but can be provided as additional services to the contract:
 - 1) Sanitary sewer improvements
 - 2) Right-of-way or easement acquisition
 - 3) Wetland delineation and permitting
 - 4) Permit review fees
 - 5) Environmental studies (PESA, PSI, etc.)
 - 6) SUE locates

Schedule

The above-described services will begin upon receipt of contract authorization from the City. Our proposed schedule is as follows:

City Preliminary Design Reviews	May 2026
Detailed Design, IEPA Permits and City Review	July-August 2026
Advertise for Bids	October 2026
Open Bids	December 2026