

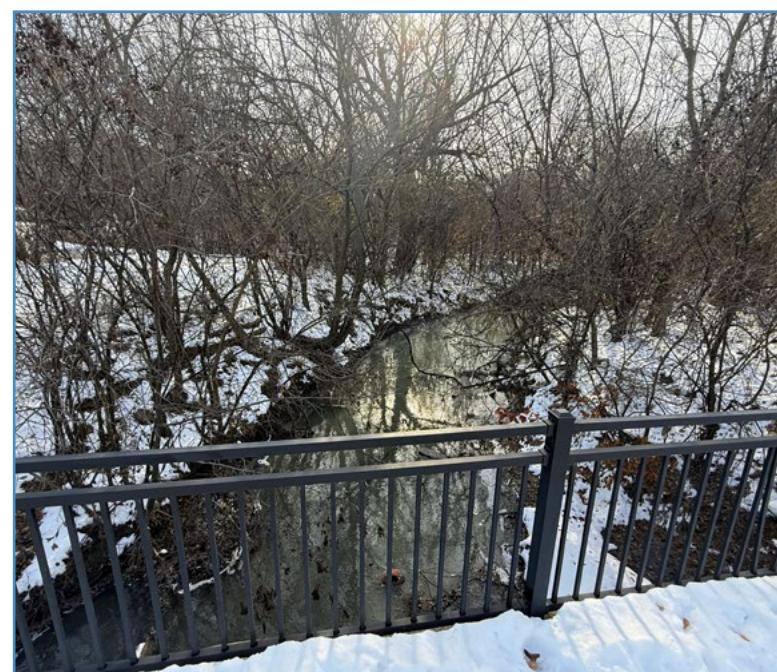


ORLAND
PARK

December 19, 2025

Tinley Creek Streambank Stabilization

Construction Engineering



Submitted by:

BAXTER & WOODMAN
Consulting Engineers

Diana Porcelli
Village of Orland Park
14700 S. Ravinia Ave.
Orland Park, IL 60462

December 19, 2025

Subject: Village of Orland Park - Proposal for Tinley Creek Streambank Stabilization, Construction Engineering

Ms. Porcelli,

The Village of Orland Park is seeking a qualified firm to assist with construction engineering for the Tinley Creek Streambank Stabilization project. Baxter & Woodman is ideally suited to fulfill this role due to our history serving the Village, as well as our close office proximity to the project location. The Village will benefit from our:

- **EXPERIENCED TEAM:** **Project Manager Matt Abbeduto, PE** has 23 years of experience managing federally and locally funded infrastructure projects and has served as Project Manager on several past Orland Park projects, such as the *2017-2021 Road Improvement Program, 2022 Fernway Subdivision Improvements, 151st Street Reconstruction, and Laguna Woods Construction Services*.
- **LOCAL PRESENCE:** We understand the Village values a reliable firm that is available to answer questions or visit the project site as needed. With our Mokena office located just seven miles from Village Hall, we can be on-site for impromptu meetings with short notice.
- **ECOLOGICAL EXPERTISE:** **Resident Engineer Melody Schultz** works as a restoration ecologist in Baxter & Woodman's Natural Resources department and has a strong background in environmental science conducting research in cost-efficient water flow and supply systems. **Technical Advisor Coilin McConnell, CWS, CPESC, DECI** brings 26 years of experience in natural resource management, streambank stabilization, and erosion controls. Having this combined, on-site knowledge enables swift, informed decisions on challenging restoration issues as they arise.

If you have questions or need additional information during your review of our submittal, please contact Project Manager Matt Abbeduto, PE at (815) 444-3352 or mabbeduto@baxterwoodman.com. We look forward to working with the Village on your Tinley Creek Streambank Stabilization project.

Sincerely,

BAXTER & WOODMAN, INC.
CONSULTING ENGINEERS



Craig Mitchell, PE
Vice President - Construction



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Operating History

Founded in 1946, Baxter & Woodman, Inc. provides consulting engineering and technology services to municipalities, state agencies, county governments, and sanitary districts throughout Illinois, Wisconsin, Florida, and Texas. Dedicated to promoting a sustainable future, our staff of more than 450 talented engineers, surveyors, technicians, and support personnel incorporates innovative techniques along with tried and true processes.

Baxter & Woodman provides planning, design, construction and technology services for water, wastewater, stormwater and transportation facilities for municipalities, counties and state agencies and more. Environmental, geographic information systems (GIS), water and wastewater operations, and advanced technology needs complement the firm's civil engineering expertise. The company has several subsidiaries including ones focused on Natural Resources, Municipal Technology, and Design-Build project delivery.

Regional Offices

Baxter & Woodman's 18 regional offices provides our clients with local presence and responsive service. Our team offers services that stretch well beyond typical engineering consulting. We are committed to building community value with each and every project we complete.

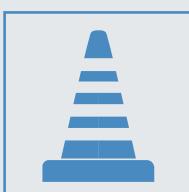
ILLINOIS	FLORIDA
Bannockburn	Fernandina Beach
Chicago	Green Cove
Crystal Lake	Springs
Marengo	Orlando
Mokena	St. Augustine
Naperville	West Palm Beach
Peoria	
WISCONSIN	TEXAS
Janesville	Cedar Park
Milwaukee	Houston
Waterford	Katy



Services Overview

Baxter & Woodman's staff of professionals have provided engineering services to more than 500 communities, counties, and sanitary districts for over 79 years.

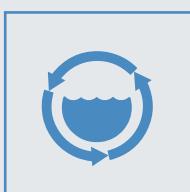
The strength of the Baxter & Woodman team comes from the cohesive and cooperative work effort gained from having expertise in numerous disciplines. We offer a full range of municipal services from project inception to construction close-out.



Construction



Stormwater



Wastewater



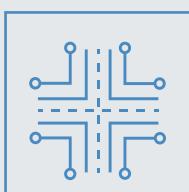
Spatial Technology



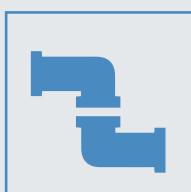
Water



Electrical



Transportation



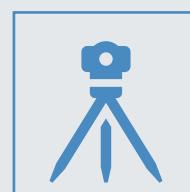
Infrastructure



Structures/Bridges



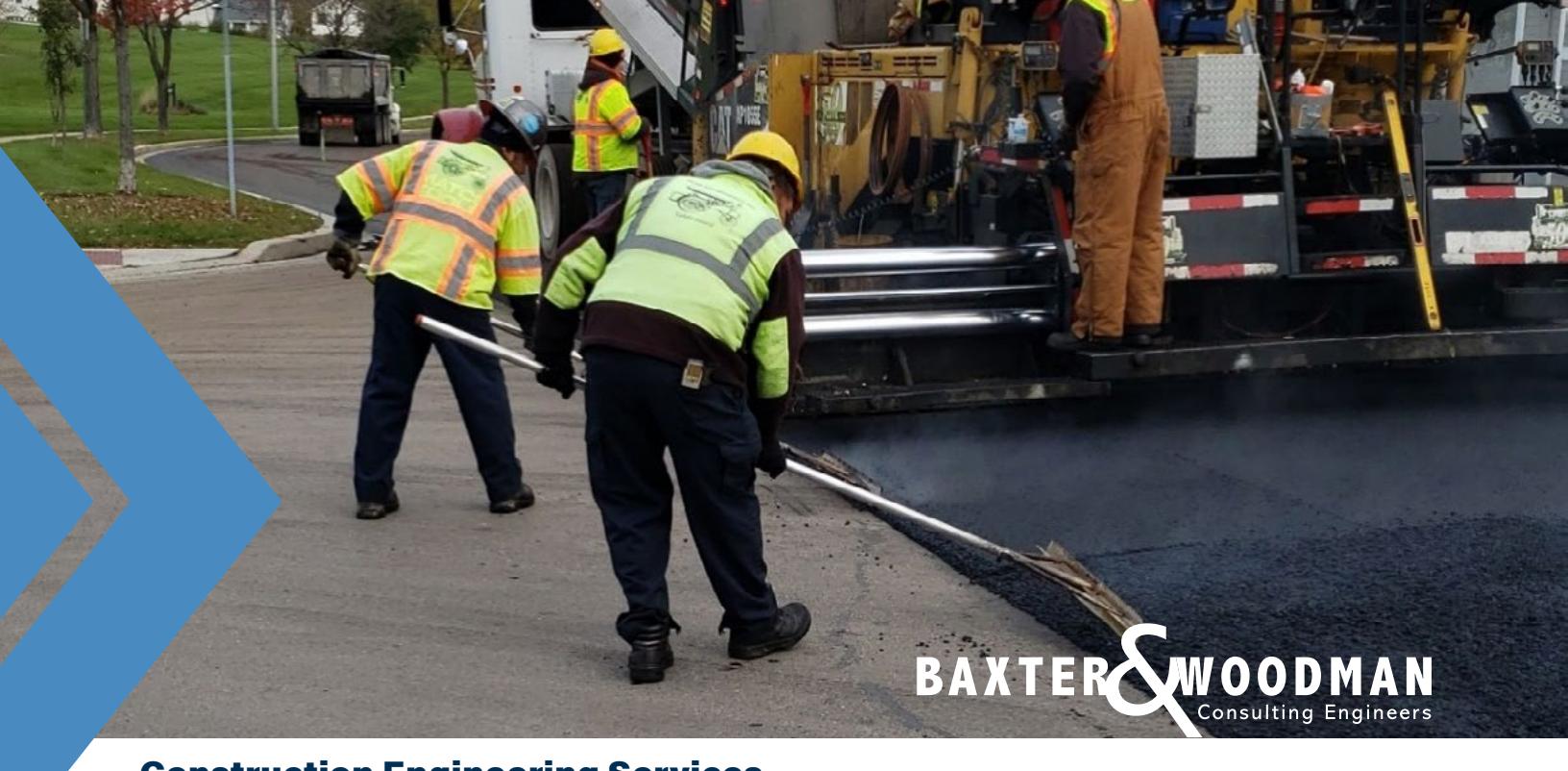
Lighting



Survey



Grants/Funding



Construction Engineering Services

Construction engineering services include more than just observing work and tracking quantities. Baxter & Woodman's Construction Services Department includes degreed professionals, licensed engineers, and certified IDOT Documentation of Quantities personnel who are available to assist on projects ranging from simple layout to complex heavy construction. We take pride in staffing projects with exceptional communicators who understand construction work and contractors.

What Makes Our Construction Staff Special?

Prepare, Coordinate, Communicate, Verify, Monitor, & Perform

These are the six most important tasks of an experienced construction professional. We perform this type of work daily and understand the issues prior, during, and post construction, so concerns are addressed before they become problems.

Communication is Essential

Our Resident Engineers routinely pass out flyers, and knock on doors to talk directly with residents and business owners. They are also savvy with online tools such as web pages, blogs and X to disseminate various project information. An informed public is more likely to accept common inconveniences caused by construction projects when they are aware of scheduled events and progress.

Attention to Detail is Vital

Attention to detail is important in order to keep residents, businesses, and permitting agencies informed and avoid complaints. Accurate layout, vigilance during construction, proper documentation, and Quality Control will be used to deliver a controlled, complete project. We have extensive experience with the nuances of construction projects (traffic control, driveway access, dust, noise, and cleanup).

Our Construction Team offers:

- Bidding Assistance
- Cost Estimating
- Contract Documentation
- Budget Control
- Contractor Payment Requests
- Grant/Funding Documentation
- Construction Observation
- Field Staking/Layout
- Contract Administration
- Change Orders
- Shop Drawing Reviews
- Record Drawings
- Operation & Maintenance Manuals
- Warranty Work
- Social Media/Public Outreach Campaigns
- Drone Aerials/Progress Videos

Visualization Services

From Vision to Reality: Expert Visualization for Your Projects



2025 Zweig Video Marketing Award Winner

Baxter & Woodman was recently recognized with a 2025 Zweig Video Marketing Excellence Award!

#3 in Drone Video #2 for website

This award highlights the best in marketing, communication, and client engagement and showcases Baxter & Woodman's creativity, hard work, and commitment to excellence.

Bring Your Project To Life!

Unlock the potential of dynamic visual storytelling and elevate your project communication to new heights with Baxter & Woodman's comprehensive visualization solutions. We understand the impact that compelling visual content can have on conveying complex ideas, engaging your target audience, and bringing your project to life!



Motion Graphics & Video Media

Our **award-winning motion graphics animation and video media** encompass a wide range of media-in-motion that can be combined and shared in countless ways. The complexity of these productions can vary, ranging from simple video edits to more sophisticated video productions involving multiple types of media.

- Drone Video with Call-Outs
- Capital Improvement Projects
- Public Involvement Videos
- Animation (2D & 3D)
- Explainer/Process Videos
- Existing/Proposed Conditions
- Marketing Videos
- Green Screen & Visual Effects



Image Exhibits

Image exhibits are two-dimensional visuals encompassing a diverse array of media types. Complexity can range from basic icons and graphics to comprehensive three-dimensional photo-real representations.

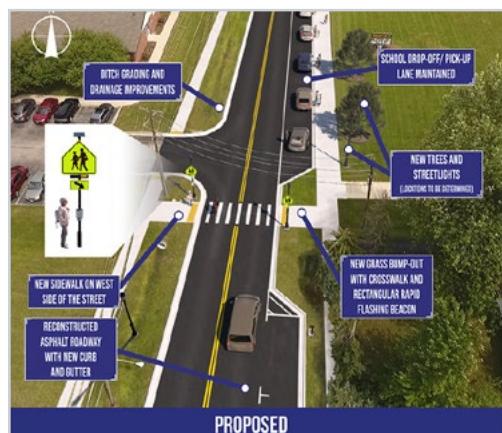
- Custom Icons & Logos
- Illustrations (Traditional & Digital)
- Infographics
- Photography
- Flow & Process Diagrams
- Storyboards
- 2D Rendered Scenes
- 3D Custom Rendered Objects
- 3D Custom Rendered Scenes
- 3D Rendered Photogrammetry
- 3D LiDAR



Interactive Media

Interactive media offers users an engaging and immersive experience through both digital and physical deliverables. These can range from panoramic images, videos, and animations to tangible model diaramas. This communication method continues to advance as technology and tools evolve.

- 360° 3D Rendered Environments
- 3D Printed Scale Models
- Unreal Engine (UE) Engagement



Funding Services

From Grant Research to Grant Administration

Baxter & Woodman assists our clients with identifying and securing funding for their capital improvements and facilities including grants, loans, locally initiated TIF, Special Assessments, Business Districts, and leasing. Finding the right funding program or agency is often the key to success. Baxter & Woodman has successfully assisted numerous communities secure funding from over 50 funding sources. You can rely on our local expertise and proven funding procurement experience. The following is just a sample of the many funding programs we work with on a regular basis:



CDBG: Community Development Block Grant

CMAQ: Congestion Mitigation & Air Quality

DCEO: Department of Commerce & Economic Opportunity

FOE: Focus on Energy Grant Program

IDOT/WISDOT: IL/WI Departments of Transportation Programs

MFT: Motor Fuel Tax

STP: Surface Transportation Program

SRS: Safe Routes to School

LRIP: Local Road Improvement Program

TAP: Transportation Alternatives Program

ITEP: Illinois Transportation Enhancement Program

TEA: Transportation Economic Assistance

IEPA: Illinois Environmental Protection Agency Loans/Grants

IEPA GIGO: Green Infrastructure Grant Opportunities

WPCLP: Water Pollution Control Loan Program

PWSLP: Public Water Supply Loan Program

PSEE: Public Sector Energy Efficiency

STP-BR: Hwy Bridge Replacement and Rehabilitation Program

USEPA STAG: Multimedia State and Tribal Assistance Grants

WDNR: Wisconsin DNR Loans/Grants

SDW: Safe Drinking Water Loan Program

CWF: Clean Water Fund Program

RPB: Recreational Boating Program

Our experience goes beyond finding communities funding, we also excel at Grant Administration, including providing project oversight and coordination. Tasks associated with Grant Administration include:

- Clear Special Conditions attendant to Grant award, including Environmental Review process
- Review Bid documents and Contract documents to confirm inclusion of required information for compliance with federal labor standards and Equal Opportunity requirements
- Obtain federal wage rate determination for labor classifications to be used on construction Project
- Monitor Bidding process to confirm wage rate determinations used in Bid documents are applicable
- Monitor construction Contract award to confirm recommended low Bidder is in compliance with eligibility standards
- Monitor construction Contractor's weekly payrolls and compliance reports for compliance with labor standards requirements
- Conduct and monitor construction Contractor employee interviews for compliance with labor standards requirements
- Resolve discrepancies between construction Contractor payrolls, employee interviews, and wage rate determination
- Monitor required construction Contractor payrolls for compliance with federal equal opportunity requirements
- Prepare Quarterly Reports about Project and Grant Funding
- Prepare Annual Reports about Project and Grant Funding
- Establish and maintain Project and Grant Funding filing system
- Monitor expenditure of funds for compliance with the uses stated in Grant application and Grant agreement
- Monitor expenditure of leveraging funds for compliance with uses stated in Grant application
- Prepare close-out documents upon expenditure of funds and completion of Project activities
- Conduct and/or manage performance Audit of Project activities
- Conduct and/or manage financial Audit of Project activities

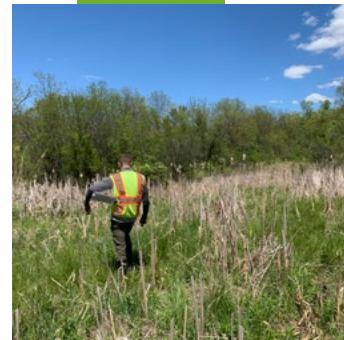


Baxter & Woodman Natural Resources, LLC (BWNR) has extensive experience providing native and drainage construction, and working within naturalized detention basins, wetland mitigation areas, rain gardens, forest preserves, public park areas, and other native landscaping areas. Whether an existing natural space needs restoration, a new corporate campus is trying to establish a sustainable landscape, or a homeowners' association is looking to manage community resources, we have expert sustainable solutions for every project.



Ecological Design/Build

- Stream Restoration
- Wetland Mitigation
- Native Area Restoration



Assessments

- Wetland Delineations
- Ecological Survey
- Management Plans



Construction

- Ecological Construction
- Detention Basin Retrofits
- Seeding/Planting/BMPs



Stewardship

- Prescribed Burning
- Invasive Species Control
- Performance Monitoring

Balancing nature and growth to promote a healthy environment.



Interpreting construction plans



Overseeing streambank stabilization work



Overseeing streambank erosion control work



Elevated Path Construction



Bridge & Spillway Construction in Chicago



Streambank Stabilization

Construction Oversight & Administration Services

Baxter & Woodman Natural Resources (BWNR) understands that ecological restoration is a unique field of work, and therefore has a limited number of qualified contractors who can interpret and construct projects of this kind. We have restoration ecologists with **10+ years of training** and infield experience with construction oversight and administration services related to stream, prairie, woodland, and wetland restoration projects. Our clients hire BWNR to confirm that complex projects are installed correctly by contractors and meet performance standards.

BWNR spearheads project kickoff meetings, schedules update meetings, and is present each day during construction activity. We also provide meeting minutes and/or memos to document issues and change orders that may arise during construction. Contractor work requires meticulously documenting each step of a project starting with tree removal, grading/soil preparation, native seeding/planting, and erosion control. We also oversee installation of riffles, stone toe protection, and other features when stream restoration is involved. In addition, we often review and approve contractor invoices on behalf of clients.

Restoration Construction Services

BWNR retains a diverse construction team capable of building ecological restoration projects such as **stream and wetland restorations, naturalized detention basins**, and other Best Management Practices. Our team also has the unique ability to **build bridges, paths, and stormwater infrastructure** that are often part of larger ecological restoration projects.

Our construction staff have **over 75 years** of combined experience and have worked together for over 15 years constructing large and small scale projects spanning from structural, infrastructure, stormwater, and ecological restoration. Our team will work closely with our engineering and ecological staff to confirm projects run smoothly and clients are given a successful project once completed.

We also provide construction oversight services related to **ecological restoration** projects. Our team of construction staff and restoration ecologists have overseen dozens of stream and other natural areas restoration projects, both internally and on behalf of clients for projects we design and that others build.



"The Village of Algonquin has had great success partnering with Baxter & Woodman Natural Resources on several design/build/maintain stream and other natural area restoration projects. We could not be happier with the outcomes of these projects. With the recent heavy rain events testing these new restorations, their work has proven to be of high quality and done with great care and attention. The projects are functioning as designed and have mitigated the issues we were having prior to the construction."

*Michele Zimmerman, Assistant Public Works Director
Village of Algonquin*



Balancing nature and growth to promote a healthy environment.
baxterwoodman.com/natural-resources

Experience

Village of Orland Park, IL **Doctor Marsh Parking Lot & Nature Trail**



Services

- Design/Build
- Site Improvement
- Stewardship

Duration

- 2022-2023

Awards

- 2024 APWA Project of the Year,
Chicago Metro Southwest Branch

Baxter & Woodman Natural Resources provided design/build services for a new parking lot, prairie path, bridge, and other amenities at Doctor Marsh in Orland Park. A 900-foot boardwalk winds through a wetland, providing close-up views of the plants and animals that reside there. The 45-foot bridge spans Spring Creek, offering stunning views of the surrounding landscape. The addition of a 20-foot by 20-foot metal frame gazebo peaking at a height of 14 feet creates space for wildlife viewing. Colorful, informative signs enhance public education about the area's habitat and the importance of native plants.

The design of the project began in February of 2022, with construction getting underway in January of 2023 and completed within six months. Winter work proved difficult as much of the site was submerged due to mild temperatures that prevented the water from freezing. To create a suitable work area, a base for the parking lot was constructed.

Silt fences were installed along the work area perimeter to control erosion, invasive grasses were removed from wetland areas, and heavy brush was cleared from the upland areas. Creativity and resourcefulness were needed to overcome a shortage of building materials, particularly lumber and steel, coupled with a sudden increase in prices. The boardwalk was built using minimal disturbance techniques, including the placement of mats to minimize the impact on the wetland ecosystem during construction. Diamond piers were chosen as the foundation for the boardwalk, resulting in only two cubic yards of disturbance. The boardwalk itself features Trex composite decking for low maintenance, with a pretreated railing and safety aluminum fencing to safeguard visitors.

As the boardwalk was being constructed, concrete was poured for the bridge abutments. The bridge was then constructed using a one-piece design, making it possible to install without the use of heavy equipment. A ConTech bridge, spanning 45 feet and eight feet wide, was selected as a cost-effective and suitable solution for the location. A study was conducted to determine the proper deck elevation needed for permitting.

Once the boardwalk and bridge were in place, attention turned to constructing the 17-space parking lot and aggregate path leading to the bridge and gazebo. Retention basins and compensatory storage areas were planted with native seed to add aesthetic appeal.

Village of Algonquin, IL Ratt Creek Reach 5 Restoration



Services

- Riparian Ecological Restoration
- Streambank Stabilization
- Increased Stormwater Capacity
- IEPA Section 319 Grant

Duration

- 2022

The Village planned and designed this project in 2016, with goals to restore stormwater function and ecological quality along 2,500 linear feet of Ratt Creek and the adjacent 10-acre riparian corridor. In 2020, the Village applied for and obtained an Illinois Environmental Protection Agency (IEPA) Section 319 Grant to construct the project.

Prior to project construction in 2022, Ratt Creek exhibited significant streambank erosion and sediment deposition upstream from High Hill Dam while the riparian corridor was dominated by invasive buckthorn, honeysuckle, white mulberry, and box elder trees and shrubs.

The project included 5,000 linear feet (both banks) of streambank stabilization using a combination of rock toe and bank shaping. The stream channel was improved through the installation of eight cross vane riffles and 10 j-hook deflectors. Approximately 10 acres of riparian area were restored by removing invasive trees and shrubs, followed by seeding/planting with native prairie, woodland, and wetland vegetation. Approximately 5,000 cubic yards of soil was removed upstream of High Hill Dam to restore lost stormwater retention capacity. The restoration provides amenities for the public using the adjacent path, as well as students and faculty of District 300's Kenneth E. Neubert Elementary School.

Village of Algonquin, IL Dixie Creek Reach 3 Restoration



Services

- Natural Stream Construction
- Riparian Restoration
- Stewardship

Duration

- Ongoing

The Dixie Creek Reach 3 Restoration Project is located in the Village of Algonquin. The Village planned and designed the project beginning in 2020 with goals to remove invasive species, improve stormwater and stream hydrology, restore riparian areas, and preserve a rare fen wetland. The project is uniquely situated in a green infrastructure gap downstream from Dixie Creek Reaches 1 & 2, which were restored in 2019, and upstream from Dixie Creek Reach 4, which was restored over 15 years ago and located in Dixie Briggs Fromm Nature Preserve. In the spring of 2023, Baxter & Woodman Natural Resources was awarded the project for construction along with a three-year stewardship contract.

Past farming, gravel mining activity, and adjacent residential development led to eroded streambanks and an incised stream channel, causing a significant amount of sediment to make its way downstream and eventually to the Fox River near downtown Algonquin. The riparian corridor was dominated by invasive buckthorn, honeysuckle, white mulberry, and box elder trees and shrubs.

The project includes 3,000 linear feet (both banks) of streambank stabilization using a combination of natural rock toe and bank shaping, as well as the improvement of the stream channel through the installation of natural stone riffles. Approximately seven acres of riparian area was restored through the removal of invasive trees and shrubs, followed by seeding/planting with native prairie, savanna, and wetland vegetation. Additionally, stormwater infrastructure in an adjacent detention basin was replaced and outlets at three detention basins was improved.

Village of Algonquin, IL Randall Road Wetland Enhancement



Services

- Invasive Species Removal
- Bridge Installation
- Stream Restoration
- Drainage Improvements
- Wetland Restoration

Duration

- Ongoing

The Randall Road Wetland Enhancement Project was located in the Village of Algonquin along the east side of Randall Road. In 2018, the Village prepared a plan to utilize the existing wetland complex for stormwater detention mitigation needs of future surrounding developments. Baxter & Woodman Natural Resources was selected to construct and perform stewardship for the project from 2021 to 2027.

Baxter & Woodman Natural Resources created stormwater detention needs by installing a large rock spillway with water control structure

that drains into the existing stream over the control structure. A one-piece bridge mounted on two abutments at the north and south ends of the bridge over the spillway was then created. A gravel path was installed leading to both ends of the bridge with two-foot retaining walls for the grade change from the bridge deck to the new trail grade.

The Village used funding from stormwater mitigation to perform ecological restoration of the 20-acre wetland complex through eradicating non-native and invasive species, then reseeding and planting with appropriate native species. The completed project included improvements such as restored prairie buffers, enhancement of an existing cattail hemi-marsh, and wet prairie restoration in areas that were previously dominated by non-native common reed grass. In addition, Baxter & Woodman Natural Resources restored approximately 500 linear feet of stream in two different areas on the site. The restored wetland complex is highly visible to the public and now provides passive recreation and educational opportunities.

Lake County Division of Transportation, IL Weiland Road Improvements (North & South)



Services

- Five-Lane Reconstruction with Center Turn Lane
- Noise Abatement Wall
- Culvert Replacement
- Multi-Use Path & Sidewalk
- Street Lighting
- Public Outreach

Duration

- 2021

The Lake County Division of Transportation identified the Weiland Road improvements as one of the key projects needed to relieve congestion in this heavily traveled corridor of the County.

Baxter & Woodman provided construction engineering services for STP-funded roadway improvements to two segments of Weiland Road. The north segment improvements included work on 1.25 miles of Weiland Road from north of Deerfield Road to Aptakisic Road, along with improvements on Aptakisic Road from Joseph Court to Bond Street in Buffalo Grove. The south segment improvements included 0.92 miles of Weiland Road from north of Lake Cook Road (Woodstone Drive) to south of Deerfield Parkway in Buffalo Grove.

Overall, these projects involved reconstructing Weiland Road from an existing two-lane asphalt pavement to a five-lane asphalt pavement, including two lanes in each direction with a center turn lane throughout a majority of the project. Additional improvements include:

- Construction of an eight-foot asphalt multi-use path on the west side of Weiland Road
- Installation of a five-foot concrete sidewalk on the east side of Weiland Road
- Bicycle-friendly shoulder configuration
- Construction of detention pond on the east side of Weiland Road between Pauline Avenue and Pope Boulevard
- Replacement of existing culvert under Weiland Road at Aptakisic Creek
- Installation of street lighting throughout the project limits
- Installation of noise abatement wall on the west side of Weiland Road north of Newtown Drive

Project information was provided via coordination between Baxter & Woodman and Lake County staff through a project website, email updates, Lake County PASSAGE real-time traffic information system, open houses, and other meetings with stakeholders.

City of Valparaiso, IN

Beauty Creek Stream Restoration Project - Upper Oakwood Branch



Services

- Streambank Stabilization
- Earthwork & Grading
- Erosion & Sediment Control
- Stormwater Run-Off Control
- Project Management

Duration

- 2025

This project consisted of streambank stabilization work within an approximately 1,200-linear-foot section of the Oakwood Branch of Beauty Creek that was severely eroded. Construction included earthwork and grading along the creek corridor, installation of riprap cross vanes, installation of stone toe along the banks, hydro-seeding of side slopes, embankment recreation with two foot soil lifts going up four tiers, installation of a 75-foot by 16-foot Flexamat at a severe outfall location, and miscellaneous soil erosion and sediment control measures.

These devices and techniques were utilized to slow down the erosion and incising of the creek corridor from upstream stormwater runoff.

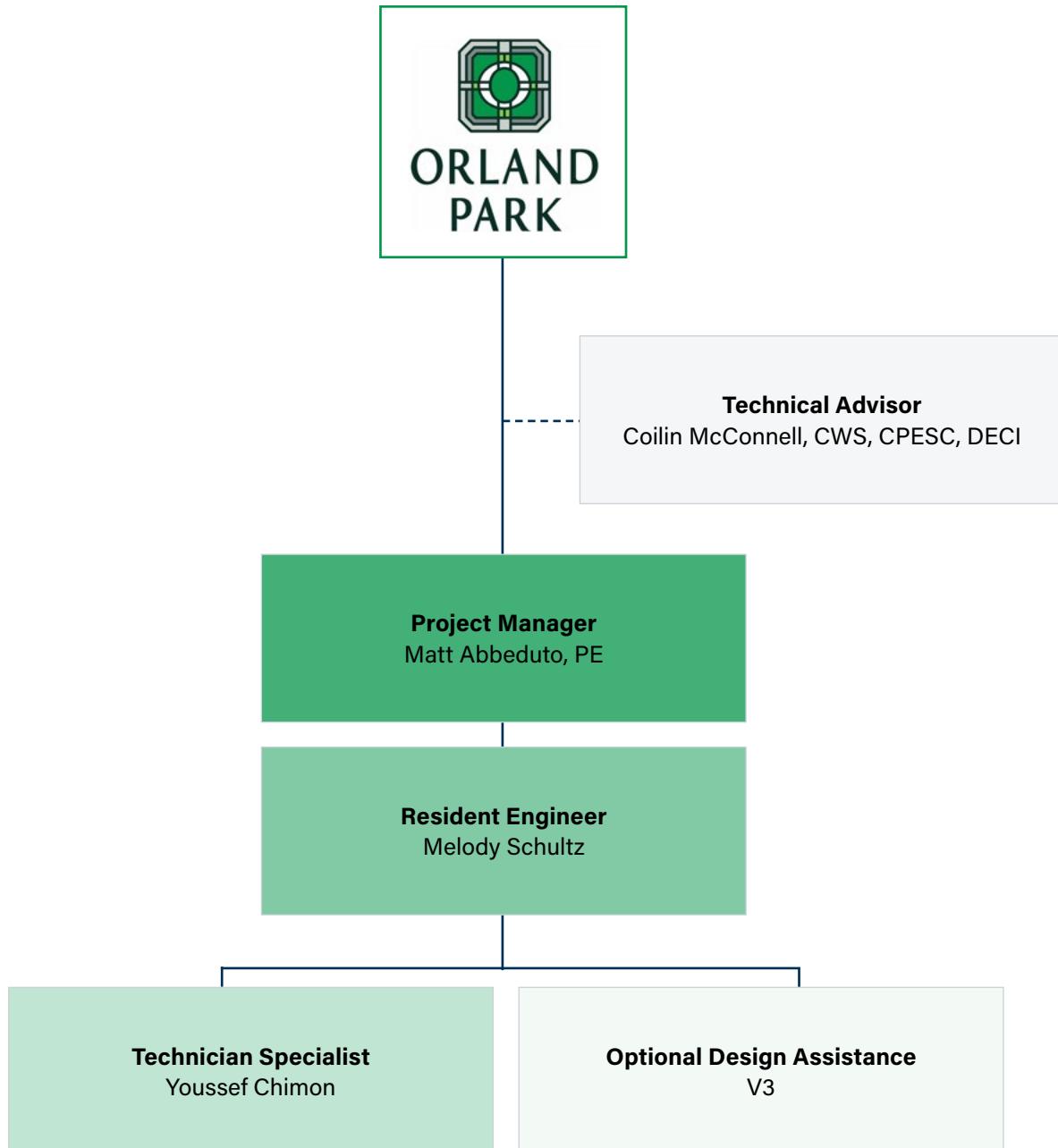


Watch drone footage from our flight over the final construction of Beauty Creek at the link below or by scanning the QR code
<https://vimeo.com/1134636817/7e444bad37?share=copy&fl=sv&fe=ci>



Qualifications

The success of the Village's project depends on our ability to collaborate with your staff and efficiently address your project goals. This project team will meet defined schedules and the project budget. Below is our project team with resumes on the following page.



Matt Abbeduto, PE

Project Manager



EDUCATION

B.S., Civil Engineering,
University of Illinois at
Urbana-Champaign, 2002

Joined Firm in 2017

Years of Experience: 23

REGISTRATIONS

Licensed Professional
Engineer: Illinois

TRAINING/ CERTIFICATIONS

IDOT Documentation of
Contract Quantities #23-
20694

IDOT QC/QA HMA Level 1
Technician

IDOT QC/QA PCC Level 1
Technician

IDOT QC/QA Mixture
Aggregate Technician

ACI Concrete Field Testing
Technician – Grade I

IDOT QC/QA Nuclear
Density Testing

Matt's project management and resident engineering experience spans federal- and municipal-funded urban/rural roadway and bridge construction/rehabilitation projects. He is experienced in the installation of traffic signals, street lighting, and in site development. Matt is knowledgeable of Illinois Department of Transportation policies and procedures for construction inspection, material inspection, contract administration, and project documentation. He is adept at coordinating with contractors, utility companies, construction/project managers, engineers, and owners to resolve project conflicts, minimize delays, maximize cost savings, and facilitate project completion.

REPRESENTATIVE PROJECTS

Matt has served on several Orland Park projects, such as:

- 2017-2021 Road Improvement Program-Construction Project Manager
- 2022 Fernway Subdivision Improvements-Construction Project Manager
- 151st Street Reconstruction-Construction Project Manager
- Laguna Woods Construction Services-Construction Project Manager

Plainfield, IL

Illinois Street Improvements

Project Manager for the completion of HMA and PCC pavement reconstruction, sewer and water improvements, decorative features including seat walls, street lighting, and brick pavers, curb and gutter replacement, sidewalk replacement, adjustment of drainage structures, minor drainage improvements, and parkway restoration.

Plainfield, IL

143rd Street West Extension

Construction Manager for the 143rd Street West Extension Improvements between Ridge Road and Steiner Road. The West Extension segment of 143rd Street contributes to the master plan to extend 143rd Street from Ridge Road to I-55. This is one phase of the ultimate plan to provide a parallel corridor to IL Route 126 to relieve downtown congestion on IL Route 126. This project included engineering and environmental studies, alternative alignment analysis, ROW acquisition, drainage detention, USACE permitting, and water main installation.

Lockport, IL

Second Street Bridge

Construction Project Manager for federal funded Phase III engineering services for the replacement of Second Street Bridge over the Illinois & Michigan (I&M) Canal, a public waterway. The work consisted of removing the existing structure and replacement with a three-sided box culvert placed on footings keyed into the bedrock. The roadway was skewed so a cast-in-place end section and headwalls were poured to meet the angle. The crossing is along the historic I&M corridor so it was important to retain the character of the area. A limestone block form liner, along with cut stone capstones around the openings, was incorporated into the headwalls. Staining of the concrete was then completed to impart the final coloration of limestone to match the surrounding site.



Coilin McConnell, CWS, CPESC, DECI

Technical Advisor



EDUCATION

B.S., Environmental Science, Simpson College, 1998

Certification of Surveying and Engineering, Southern Illinois University, 2003

Joined Firm in 2019

Years of Experience: 26

REGISTRATIONS

Certified Professional in Erosion and Sediment Control

TRAINING/ CERTIFICATIONS

Certified Designated Erosion Control Inspector, Lake County Stormwater Management Commission

Certified Wetland Specialist, McHenry County

Certified Wetland Specialist, Lake County



Coilin has extensive experience in streambank restoration and construction, and has managed multiple construction projects throughout Illinois and Northwest Indiana. He has implemented a variety of sustainable solutions, such as porous pavers, native plantings, bioswales, rain gardens, and wet bottom detention basins. His expertise in erosion control and soil stabilization encompasses traditional methods, such as silt fencing and erosion control blankets, as well as geowebbing and geogrid paths. Coilin has worked closely with regulatory agencies, including the Army Corps of Engineers and the Illinois Department of Natural Resources on many projects.

REPRESENTATIVE PROJECTS

Orland Park, IL

Doctor Marsh Prairie Path

Project Manager and Construction Foreman for a 900-linear-foot prairie, including: 300-linear-foot aerial boardwalk over a wetland area, 45-foot bridge, parking lot and an asphalt trail system ending with a metal gazebo. This project included a native compensatory storage area and two native detention basins.

Valparaiso, IN

Beauty Creek Stream Restoration-Upper Oakwood Branch

Site Supervisor for this project which consists of streambank stabilization work within an approximately 1,200-linear-foot section of the Oakwood Branch of Beauty Creek that was severely eroded. Construction included earthwork and grading along the creek corridor, installation of riprap cross vanes, installation of stone toe along the banks, hydro-seeding of side slopes, embankment recreation with 2-foot soil lifts going up four tiers, installation a 75-foot by 16-foot Flexamat at a severe outfall location, and miscellaneous soil erosion and sediment control measures.

These devices and techniques are utilized to slow down the erosion and incising of this creek corridor from upstream stormwater runoff.

Algonquin, IL

Ratt Creek Reach 5 Restoration

Project Manager on this project which included 5,000 linear feet (both banks) of streambank stabilization using a combination of rock toe and bank shaping. The stream channel is improved through the installation of eight cross vane riffles and 10 j-hook deflectors. Approximately 10 acres of riparian area was restored by removing invasive trees and shrubs followed by seeding/planting with native prairie, woodland, and wetland vegetation. In addition, approximately 5,000 cubic yards of soil was removed just upstream of High Hill Dam to restore lost stormwater retention capacity. The restoration provides amenities for the public using the adjacent path as well as students and faculty of District 300's Kenneth E. Neubert Elementary School.

Melody Schultz

Resident Engineer



EDUCATION

B.S., Environmental Systems and Science and Sustainability, Illinois State University, 2021

Joined Firm in 2023

Years of Experience: 3

REGISTRATIONS

Commercial Pesticide Applicator License, IL Department of Agriculture

TRAINING/ CERTIFICATIONS

Lake County's Wetland Delineator Certification Program

Soil Erosion & Stormwater Workshop Certificate, IEPA

Lake County Certified Wetland Specialist

Chicago Wilderness Prescribed Burn Crew Training



Melody has a strong background in environmental science conducting research in cost-efficient water flow and supply systems. She has assisted on and/or led over 60 wetland delineations in Illinois and Wisconsin. Most of these wetland delineations were performed for our many municipal and private clients. She also has experience in permitting for private clients and specializes in conducting tree surveys. She remains actively engaged in the industry by attending a variety of wetland forums and the Wisconsin Wetland conference in Stevens Point. In addition, Melody spends several days each week as part of our ecological stewardship crews performing prescribed burns, invasive species management, and native seeding.

REPRESENTATIVE PROJECTS

Wetland Delineations

Performed over 60 wetland delineations in Illinois and Wisconsin. These span from transportation related projects to large scale stream and wetland restoration and mitigation projects.

Tree Surveys

Performed over 25 tree surveys in Illinois. Most surveys are related to civil engineering projects such as transportation. Several other tree surveys were performed as part of large-scale stream and wetland restoration projects.

Invasive Species Management

Worked with ecological stewardship crews on over 30 sites identifying and eradicating invasive species using a variety of methods.

Prescribed Burning

Worked with ecological stewardship crews to perform controlled burns on over 20 sites.

Ecological Restoration & Surveying

Worked with ecological construction crews on over 10 sites conducting native seeding, plant plug installation, tree planting, and erosion control. Used survey equipment to take cross sections of streams and boardwalk construction.

Environmental Permitting

Prepared environmental permit applications for a variety of projects such as Corps, DNR, USFWS, etc.

Ecologist Monitoring and Reporting

Ecologist on-site construction oversight and monitoring and reporting on vegetation standards for six different projects.

Transportation Construction Oversight

Construction Oversight for the Illinois Department of Transportation by providing on-site quality assurance testing and reporting, measurement, and documentation of quantities performed by contractor.

Youssef Chimon

Technician Specialist



EDUCATION

B.S., Civil and Environmental Engineering, University of Illinois at Chicago, 2016

A.S., Engineering, Elgin Community College, 2013

Joined Firm in 2018

Years of Experience: 9

TRAINING/ CERTIFICATIONS

Documentation of Contract Quantities (Cert. 25-23673)

STTP-S33 Soils Field Testing and Inspection Course

Erosion and Sediment Control Workshop Module I: Fundamental Module

Erosion and Sediment Control Module III: Inspection Module

IDOT QC/QA HMA Level 1 Technician

IDOT QC/QA PCC Level 1 Technician



Youssef serves as Resident Engineer for roadway resurfacing, widening and reconstruction; infrastructure; multi-use path; and bridge rehabilitation construction projects. He has worked on several large state and federally funded projects. Youssef's design experience has included assisting with structural design calculations and bridge rehabilitation plans preparation.

REPRESENTATIVE PROJECTS

Orland Park, IL

151st Street Improvements

Resident Engineer for Phase III construction engineering services for widening, reconstruction, and infrastructure improvements along 151st Street from West Avenue to Ravinia Avenue. Additionally, the project includes construction of a new roundabout located at the intersection of 151st Street and West Avenue.

McHenry County Division of Transportation, IL

Randall Road Reconstruction - Stage 1/2

Stage 1: Assisted with construction observation for the \$46M roadway reconstruction project which included pavement widening, reconstruction and HMA resurfacing, PCC pavement, sidewalk installation, pedestrian underpass, multi-use path, construction of five retaining walls, traffic signal modernization (five existing locations), two new traffic signal installations, earth excavation, furnished excavation, PCC pavement, HMA pavement, aggregate subgrade, curb and gutter, box culvert installation, landscaping, striping, storm sewers, lighting, and water main installation.

Stage 2: Provided inspection assistance for the \$64M roadway reconstruction project which includes pavement widening, reconstruction and resurfacing, sidewalk installation, multi-use path, construction of retaining walls, pile driving, bridge construction, traffic signal modernization, one new traffic signal installation, earth excavation, furnished excavation, PCC pavement, HMA pavement, aggregate subgrade, curb and gutter, storm sewer and sanitary sewer installation, landscaping, striping, lighting, and water main installation.

Lake Bluff, IL

Moffett Road Surface Transportation Program (STP) Resurfacing

Provided construction observation services for the \$1.125 million STP-funded Moffett Road Improvements. The project consisted of lining a nine-foot-diameter culvert metal pipe at the bottom of a 40-foot deep ravine, rebuilding the downstream headwall and wing walls, repairing the slopes leading to the ravine, scour protection, and extensive landscape restoration in the ravine. The project also included 3,500 feet of roadway resurfacing with guardrail, storm sewer, and ADA improvements. Permitting was required through the U.S. Army Corps of Engineers and the Lake County Stormwater Management Commission. The repairs qualified for STP federal funding, which allowed the Village to resurface the road as well as make the culvert repairs. Baxter & Woodman also assisted the Village with the funding request to the Lake County Council of Mayors for STP funding, which contributed 80% funding for Phase III construction.



Chris is a Project Manager responsible for complex projects involving hydrologic/hydraulic analysis and design of floodplain, site development, stormwater management, watershed studies, roadway, bank and shoreline stabilization, as well as existing drainage assessment and remediation. As a Certified Floodplain Manager and Certified Professional in Erosion and Sediment Control, he efficiently navigates federal, state, and local stormwater regulations. He skillfully contributes to site feasibility reports, design and analysis of site grading, utility systems, site access, and stormwater management systems.

Years of Experience

V3: 18 | Total: 19

Education

Bachelor of Science, Civil Engineering, Calvin University

Registrations

Professional Engineer

- *Illinois*, #062-063179, 2011

Certified Floodplain Manager

- #IL-09-00475, 2009

Certified Professional in Erosion & Sediment Control

- #7129

Lake County Designated Erosion Control Inspector

- #SMC-DECI-000898-2020

Leadership in Energy & Environmental Design Accredited Professional (LEED AP®), 2008

Associations

IAFSM

Tinley Creek Streambank Stabilization, Village of Orland Park – *Orland Park, Illinois*

| Project Engineer for the stabilization of 1.4 miles of severely eroded streambank. Our team's design addressed the specific needs of each stretch of the creek based on an evaluation of the severity and height of the erosion, the proximity to residential structures, fences, and utilities as well as consideration of the flow velocities in the creek. V3 worked with the Village to create exhibits that showed an existing condition photo and a typical proposed condition photo clearly demonstrating the limits of the requested permanent and temporary easements as none previously existed. The Village then used these exhibits for individual meetings with property owners that were concerned about the project.

East Skokie River Streambank, East Skokie Drainage District – *Highland Park, Illinois*

| Project Manager for the stabilization of 2,600 feet of streambank within the Danny Cunniff and Sleepy Hollow Parks. V3 wetland scientists prepared a wetland delineation and survey crews completed topographic, tree, survey, and bat habitation surveys. Stabilization methods include gabion walls, stone toe, and tree revetement toe stabilization with back grading. Permitting assistance local, state and national permitting assistance was provided.

St. Joseph Creek Restoration, Village of Downers Grove – *Downers Grove, Illinois*

| Project Manager for this design/build project to improve the overall water quality of St. Joseph Creek, Barth Pond, and the receiving waters of the East Branch DuPage River. The project design included remeandering the existing creek, reestablishing a natural channel through a downstream wetland, various stabilization techniques, and establishment of a wet prairie as well as low profile prairie along the creek corridor. The USACE issued Regional Permit 5, Aquatic Habitat Restoration, for the project. Hydrologic and hydraulic modeling was conducted to evaluate floodplain conditions as part of the Village stormwater permit.

Lake Forest Bank Stabilization, East Skokie Drainage District – *Lake Forest, Illinois*

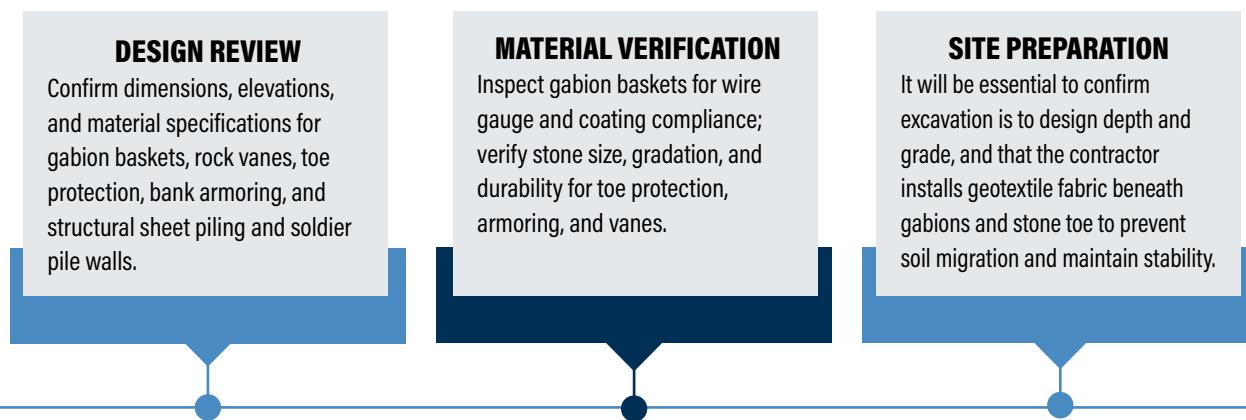
| Project Manager for prioritizing required stabilization needs of one linear mile of eroding streambanks on the Skokie River. Project included bank erosion assessment, survey, and wetland delineation and V3 also provided stabilization designs, permit strategy assessment, construction staging limits, grant assistance, and extensive stakeholder involvement. Chris managed and oversaw design for this project and provided coordination between the client and various permitting agencies. He also conducted public involvement open house meetings and provided construction oversight.

Project Understanding & Approach

Baxter and Woodman is pleased to submit this qualifications proposal for providing construction engineering services for the Tinley Creek Streambank Stabilization project. Our team brings combined experience in streambank stabilization construction, ecological restoration, and construction oversight, specializing in delivering projects that meet regulatory requirements, enhancing environmental sustainability, and confirming long-term structural integrity.

Our approach to the Tinley Creek Streambank Stabilization project is grounded in proven engineering practices, ecological restoration techniques, and proactive communication with stakeholders. Each of these practices aim to help pilot a project that delivers long-term stability, environmental compliance, and minimal disruption to the surrounding community, all while delivering services on time and within budget.

Our engineers and natural resource specialists have extensive hands-on experience in streambank stabilization using gabion baskets, rock toe protection, stone bank armoring, restoration, sheet pile and soldier pile applications, and bioengineering techniques. To confirm these items are constructed properly, a strategic approach will require a process that combines design verification, site preparation, precise installation, and quality control. Our team will review the following:



Proper drainage and backfill are essential to the long-term performance of the gabion walls, and it is important that we confirm the contractor follows the required procedures to achieve this. This includes correctly installing filter fabric and appropriate drainage layers behind the walls so that hydrostatic pressure is effectively relieved, as well as placing and compacting the backfill in consistent lifts to minimize future settlement and maintain the overall structural integrity of the system.

Baxter & Woodman will inspect the stabilization applications after major storm events for settlement or displacement. We will also schedule periodic checks for corrosion or damage to gabion mesh and stone stability. Routine follow up for erosion control review and landscape restoration will also be required and included in our construction engineering scope of services.

INSTALLATION BEST PRACTICES TO VERIFY

GABION WALLS

Confirm baskets are secured using lacing wire or spiral binders. Baskets will be anchored properly and maintain alignment with stakes or temporary bracing. The contractor will need to fill in layers, and hand-pack exposed faces for tight fit and aesthetics. It is essential to tie adjacent baskets and layers to create a monolithic structure.

ROCK VANES

Vanes will be positioned at specified angle and elevation relative to stream flow. It is critical to key rocks into the streambed and banks to prevent displacement. We will confirm vane crest heights match design for flow redirection and habitat improvement.

STONE TOE PROTECTION

It is important to place stones at the specified depth and elevation along the toe of the slope, and interlock stones to resist movement during high flows.

STONE BANK ARMORING

The contractor will need to install stones in a staggered pattern for maximum stability and confirm compaction of underlying soil, as well as use filter fabric to prevent erosion beneath the armor.

SHEET PILE WALLS

Verify use of appropriate driving equipment (vibratory hammer or impact hammer) based on soil conditions. The contractor will maintain alignment and monitor driving resistance to avoid overstressing piles or damaging interlocks.

SOLDIER PILE WALLS

Confirm piles are installed at specified spacing and depth using accurate survey control. We will also confirm proper embedment into competent soil or rock for stability, and install lagging between piles as excavation progresses.

Your Tinley Creek Streambank Stabilization project will benefit from Baxter and Woodman's proven experience and lessons learned from previous streambank stabilization projects. This will provide the Village an advantage in being proactive in identifying issues early on.

For example, our Natural Resources group completed the *Beauty Creek Stream Restoration–Upper Oakwood Branch* project for *Valparaiso, Indiana*. On this project, a previous contractor's efforts failed to stabilize sandy side slopes, leading to continued channel erosion. To correct these issues, B&W Natural Resources collaborated closely with the design engineer to implement a comprehensive solution.

BEAUTY CREEK STREAM RESTORATION | KEY ACTIONS:

- Installing new surface drainage along upslope terraces.
- Constructing multiple 2-foot soil lifts using imported clay to stabilize sandy slopes.
- Adding stone toe protection and cross vanes within the creek channel to slow water flow and reduce erosion.
- Hydroseeding and applying erosion blankets on slopes with native seed to establish a deep-rooted, stabilizing ecosystem.

This integrated approach combined structural and ecological measures to achieve long-term stability and prevent future erosion.

Our team also has extensive experience managing projects with challenging contractor dynamics. We take a proactive, hands-on approach to confirm critical elements are executed correctly and in full compliance with design specifications. This includes close coordination, detailed oversight, and continuous quality checks on crucial items that impact the public. This method verifies delivery of a successful streambank stabilization project.

Pre-Construction Review & Planning

Our team reviewed the Tinley Creek Bank Stabilization plan set and identified several areas where improvements can enhance clarity and execution:



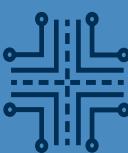
STONE TOE STABILIZATION DETAILS:

The current plan set lacks detailed specifications for stone toe stabilization, including depth and elevation requirements. We recommend adding clear construction details to avoid misinterpretation and verify proper installation.



CONSTRUCTION FENCE SPECIFICATIONS:

No specific requirements for the type of construction fence are provided. Including material and installation standards will help maintain site safety and compliance.



CONSTRUCTION ACCESS ROUTES:

Some proposed access points may pose challenges due to proximity to residential properties. We suggest revising access plans to utilize alternative routes, such as nearby parking lots, to avoid disruption to homeowners and improve site logistics.



Access route options will be reviewed to avoid disturbances to residential properties.

By addressing these items proactively, we will reduce potential delays, improve contractor coordination, and confirm the project meets both structural and environmental objectives.

Utility Relocation Verification

As part of our construction oversight approach, we will prioritize verification of utility relocations to prevent conflicts and delays during your Tinley Creek Streambank Stabilization project. ComEd has buried power lines in the rear yard easements, and the project documents indicate the relocation design was complete and the work was planned to be addressed in 2024. AT&T and Comcast also have buried lines within rear yard easements and relocation was anticipated after ComEd completed their work. Additionally, the Village's water main depths will need to be reviewed with our team and the contractor to determine and coordinate required adjustments. By actively managing utility coordination, we reduce risk and maintain project momentum.

Baxter and Woodman will confirm the following:

- Confirm utility relocation completion status before grading and stabilization activities begin.
- Coordinate with utility representatives and monitor schedules to confirm timely remaining adjustments.
- Maintain communication with utility contacts to address unforeseen conflicts.
- Adjust construction sequencing as needed to avoid delays caused by pending relocations.



Construction Project Management Approach

Baxter & Woodman's construction services team provides proactive, full-spectrum construction management that goes beyond inspection. Our approach includes:

EXPERIENCED, COMMUNICATIVE STAFF

Our team includes expert communicators with extensive streambank stabilization experience and strong contractor relationships—enabling faster conflict resolution, accurate scheduling, and cost control.

PROACTIVE PLANNING & COORDINATION

We review plans and job sites early, lead preconstruction and utility coordination meetings, facilitate permitting, and maintain clear communication through regular progress updates and meeting minutes.

COMMUNITY & STAKEHOLDER ENGAGEMENT

Our team prepares conceptual plans and renderings for public meetings, incorporating feedback from Village staff and residents to maintain transparency and trust.

COMPREHENSIVE FIELD OVERSIGHT

Continuous on-site observation and documentation of quantities, material compliance, and restoration progress, as well as post-construction monitoring to verify vegetation standards and structural integrity are met.



DRONE FOOTAGE

Drone flights will be performed on a monthly basis and during significant construction activities to capture essential video and photos and the project's progress.

ROBUST DOCUMENTATION & COMPLIANCE

Our team will prepare the documents to get the federal reimbursement for our services, eliminating additional workload to the Village.

TRANSPARENT COMMUNICATION TOOLS

Our Resident Engineer provides regular updates using Baxter & Woodman's Project Status Communication Tool, offering real-time visibility into project progress.

MATERIAL VERIFICATION

Materials are reviewed for compliance with Village and project specific standards.

ORGANIZED PROJECT CLOSEOUT

We coordinate punch lists, final and warranty inspections, and will confirm contractor closeout documents including record drawings will be provided in a timely manner.

Proven Public Outreach Methods

Effective public outreach is essential to the success of construction projects in the Village. Baxter & Woodman utilizes proven communication strategies to keep residents, businesses, and stakeholders informed and engaged throughout the project.

We will proactively coordinate with Village departments, Metropolitan Water Reclamation District (MWRD), and local property owners, providing regular updates and face-to-face communication to minimize disruptions and maintain transparency. It will be crucial to coordinate with property owners regarding schedule, temporary access locations, and impacts to fences, personal property, and rear yards. Our team monitors contractor progress and confirms parties are aware of construction impacts, fostering trust and cooperation through clear, consistent messaging.

Public Outreach Outlets

- Public Meetings/Open Houses (in person, virtual)
- Social Media: X, Facebook
- Project Websites/Videos
- Fixed/Mobile Webcams
- Project Blogs
- Phone Hot Lines
- Door Hangers/Informational Fliers
- Construction Signage
- Changeable Message Boards





CONSTRUCTION PROJECT MANAGER
Matt Abbeduto, PE



RESIDENT ENGINEER
Melody Schultz



TECHNICAL ADVISOR
Coilin McConnell, CWS, CPESC, DECI



TECHNICIAN SPECIALIST
Youssef Chimon

Proposed Team

Matt Abbeduto, PE will serve as Project Manager for the Tinley Creek Streambank Stabilization construction oversight services. With 23 years of experience in managing federally and locally funded infrastructure projects, Matt brings exceptional leadership and technical expertise to confirm successful project delivery and transparent communication with stakeholders. Matt has managed complex roadway, bridge, and drainage projects, including multi-phase programs and high-profile rural and urban improvements. He has worked on numerous Village infrastructure projects and understands Village preferences. Known for proactive problem-solving, Matt has successfully mitigated conflicts related to utilities, design revisions, and unforeseen site conditions to maintain a project's schedule and staying within budget.

Resident Engineer Melody Schultz brings a unique combination of ecological expertise and construction oversight experience. Melody's hands-on experience in streambank stabilization, native seeding, erosion control, and invasive species management allows her to incorporate restoration practices into construction phases seamlessly. She has provided construction oversight for Illinois Department of Transportation (IDOT) projects, including on-site quality assurance testing, reporting, and documentation of contractor quantities. Lastly, Melody is skilled in maintaining detailed daily logs, verifying material compliance, and tracking quantities to support accurate payment requests and project transparency.

To confirm the highest level of quality and compliance during construction, **Coilin McConnell, CWS, CPESC, DECI** will serve as Technical Advisor. Coilin brings 26 years of experience in natural resource management, streambank stabilization, and erosion control, making him an invaluable resource for guiding complex restoration and stabilization efforts.

Lastly, our approach includes incorporating specialized structural oversight for sheet pile and soldier pile wall installations, leveraging the expertise of a familiar face **Youssef Chimon** as a Technical Specialist. He brings 9 years of hands-on experience from working on major roadway and bridge reconstruction projects involving deep excavation, retaining wall construction, pile driving, and structural steel inspections. Additionally, Youssef previously served as Resident Engineer for the Village's award-winning *151st Street and West Avenue Roundabout* project, making him already knowledgeable with your procedures and processes.

Optional Services - V3 Companies for Designer Assistance

To confirm seamless integration between design intent and construction execution, we propose utilizing the V3 Companies as a subconsultant and technical resource throughout the construction phase. This collaboration provides immediate access to design expertise, reducing delays and verifying compliance with project specifications. By engaging the design engineer as a resource during construction, we strengthen our ability to resolve issues quickly, maintain design integrity, and deliver a successful project.

Proposed Fee

Our engineering fee for the stated scope of services will be based on our hourly billing rates for actual work time performed plus reimbursement of out-of-pocket expenses, including travel costs which in total will not exceed **\$318,880.00** unless the optional designer assistance is added onto the scope of work. A detailed breakdown of the hours, rates, and fees is shown below.

<i>Deliverable</i>	<i>Labor Category</i>	<i>Total Hours</i>	<i>Total Labor Fee</i>	<i>Reimbursable Allowance</i>	<i>Total Fee</i>
PROJECT INITIATION					
	Engineer VII	40	\$10,400.00		
	Environmental Scientist V	20	\$3,800.00		
	Restoration Ecologist	40	\$4,600.00		
		100	\$18,800.00	\$630.00	
CONSTRUCTION ADMINISTRATION					
	Engineer VII	160	\$41,600.00		
	Environmental Scientist V	40	\$7,600.00		
	Spacial Technology Professional II	60	\$9,000.00		
		260	\$58,200.00	\$6,480.00	
FIELD OBSERVATION & DOCUMENTATION					
	Engineer II	160	\$26,400.00		
	Restoration Ecologist	1,480	\$170,200.00		
		1,640	\$196,600.00	\$18,300.00	
PROJECT CLOSEOUT					
	Engineer VII	40	\$10,400.00		
	Restoration Ecologist	80	\$9,200.00		
		120	\$19,600.00	\$270.00	
OVERALL PROJECT TOTAL		2,120	\$293,200.00	\$25,680.00	\$318,880.00

OPTIONAL DESIGNER ASSISTANCE	TOTAL FEE W/ DESIGNER ASSISTANCE
\$37,840.00	\$356,720.00

Required Forms

PROPOSAL SUMMARY SHEET

RFP #25-050

Tinley Creek Streambank Stabilization, Construction Engineering

Business Name: Baxter & Woodman, Inc.

Street Address: 8678 Ridgefield Road

City, State, Zip: Crystal Lake, IL 60012

Contact Name: Craig Mitchell, PE

Title: Vice President - Construction

Phone: 815-444-3278 Fax: -

E-Mail address: cmitchell@baxterwoodman.com

Price Proposal

PROPOSAL TOTAL \$ 318,880.00

AUTHORIZATION & SIGNATURE

Name of Authorized Signee: Craig Mitchell, PE

Signature of Authorized Signee: 

Title: Vice President - Construction Date: 12/18/2025



ORLAND PARK
CERTIFICATE OF COMPLIANCE

The undersigned Lou Haussmann, PE, PTOE, as CEO/President
(Enter Name of Person Making Certification) (Enter Title of Person Making Certification)

and on behalf of Baxter & Woodman, Inc., certifies that:
(Enter Name of Business Organization)

1) BUSINESS ORGANIZATION:

The Proposer is authorized to do business in Illinois: Yes No

Federal Employer I.D.#: 36-2845242

(or Social Security # if a sole proprietor or individual)

The form of business organization of the Proposer is (check one):

- Sole Proprietor
- Independent Contractor (Individual)
- Partnership
- LLC
- Corporation Illinois
(State of Incorporation)

November 20, 1975
(Date of Incorporation)

2) STATUS OF OWNERSHIP

Illinois Public Act 102-0265, approved August 2021, requires the Village of Orland Park to collect "Status of Ownership" information. This information is collected for reporting purposes only. Please check the following that applies to the ownership of your business and include any certifications for the categories checked with the proposal. Business ownership categories are as defined in the Business Enterprise for Minorities, Women, and Persons with Disabilities Act, 30 ILCS 575/0.01 et seq.

Minority-Owned <input type="checkbox"/>	Small Business <input type="checkbox"/> (SBA standards)
Women-Owned <input type="checkbox"/>	Prefer not to disclose <input type="checkbox"/>
Veteran-Owned <input type="checkbox"/>	Not Applicable <input checked="" type="checkbox"/>
Disabled-Owned <input type="checkbox"/>	

How are you certifying? Certificates Attached Self-Certifying

STATUS OF OWNERSHIP FOR SUBCONTRACTORS

This information is collected for reporting purposes only. Please check the following that applies to the ownership of subcontractors.

Minority-Owned <input type="checkbox"/>	Small Business <input type="checkbox"/> (SBA standards)
Women-Owned <input type="checkbox"/>	Prefer not to disclose <input type="checkbox"/>
Veteran-Owned <input type="checkbox"/>	Not Applicable <input checked="" type="checkbox"/>
Disabled-Owned <input type="checkbox"/>	

3) **ELIGIBILITY TO ENTER INTO PUBLIC CONTRACTS:** Yes No

The Proposer is eligible to enter into public contracts, and is not barred from contracting with any unit of state or local government as a result of a violation of either Section 33E-3, or 33E-4 of the Illinois Criminal Code, or of any similar offense of "Bid-rigging" or "Bid-rotating" of any state or of the United States.

4) **SEXUAL HARASSMENT POLICY:** Yes No

Please be advised that Public Act 87-1257, effective July 1, 1993, 775 ILCS 5/2-105 (A) has been amended to provide that every party to a public contract must have a written sexual harassment policy in place in full compliance with 775 ILCS 5/2-105 (A) (4) and includes, at a minimum, the following information: (I) the illegality of sexual harassment; (II) the definition of sexual harassment under State law; (III) a description of sexual harassment, utilizing examples; (IV) the vendor's internal complaint process including penalties; (V) the legal recourse, investigative and complaint process available through the Department of Human Rights (the "Department") and the Human Rights Commission (the "Commission"); (VI) directions on how to contact the Department and Commission; and (VII) protection against retaliation as provided by Section 6-101 of the Act. (Illinois Human Rights Act). (emphasis added). Pursuant to 775 ILCS 5/1-103 (M) (2002), a "public contract" includes "...every contract to which the State, any of its political subdivisions or any municipal corporation is a party."

5) **EQUAL EMPLOYMENT OPPORTUNITY COMPLIANCE:** Yes No

During the performance of this Project, Proposer agrees to comply with the "Illinois Human Rights Act", 775 ILCS Title 5 and the Rules and Regulations of the Illinois Department of Human Rights published at 44 Illinois Administrative Code Section 750, et seq. The

Proposer shall: (I) not discriminate against any employee or applicant for employment because of race, color, religion, sex, marital status, national origin or ancestry, age, or physical or mental handicap unrelated to ability, or an unfavorable discharge from military service; (II) examine all job classifications to determine if minority persons or women are underutilized and will take appropriate affirmative action to rectify any such underutilization; (III) ensure all solicitations or advertisements for employees placed by it or on its behalf, it will state that all applicants will be afforded equal opportunity without discrimination because of race, color, religion, sex, marital status, national origin or ancestry, age, or physical or mental handicap unrelated to ability, or an unfavorable discharge from military service; (IV) send to each labor organization or representative of workers with which it has or is bound by a collective bargaining or other agreement or understanding, a notice advising such labor organization or representative of the Vendor's obligations under the Illinois Human Rights Act and Department's Rules and Regulations for Public Contract; (V) submit reports as required by the Department's Rules and Regulations for Public Contracts, furnish all relevant information as may from time to time be requested by the Department or the contracting agency, and in all respects comply with the Illinois Human Rights Act and Department's Rules and Regulations for Public Contracts; (VI) permit access to all relevant books, records, accounts and work sites by personnel of the contracting agency and Department for purposes of investigation to ascertain compliance with the Illinois Human Rights Act and Department's Rules and Regulations for Public Contracts; and (VII) include verbatim or by reference the provisions of this Equal Employment Opportunity Clause in every subcontract it awards under which any portion of this Agreement obligations are undertaken or assumed, so that such provisions will be binding upon such subcontractor. In the same manner as the other provisions of this Agreement, the Proposer will be liable for compliance with applicable provisions of this clause by such subcontractors; and further it will promptly notify the contracting agency and the Department in the event any subcontractor fails or refuses to comply therewith. In addition,

the Proposer will not utilize any subcontractor declared by the Illinois Human Rights Department to be ineligible for contracts or subcontracts with the State of Illinois or any of its political subdivisions or municipal corporations. "Subcontract" means any agreement, arrangement or understanding, written or otherwise, between the Proposer and any person under which any portion of the Proposer's obligations under one or more public contracts is performed, undertaken or assumed; the term "subcontract", however, shall not include any agreement, arrangement or understanding in which the parties stand in the relationship of an employer and an employee, or between a Proposer or other organization and its customers. In the event of the Proposer's noncompliance with any provision of this Equal Employment Opportunity Clause, the Illinois Human Right Act, or the Rules and Regulations for Public Contracts of the Department of Human Rights the Proposer may be declared non-responsible and therefore ineligible for future contracts or subcontracts with the State of Illinois or any of its political subdivisions or municipal corporations, and this agreement may be canceled or avoided in whole or in part, and such other sanctions or penalties may be imposed or remedies involved as provided by statute or regulation.

6) **TAX CERTIFICATION:** Yes No

Contractor is current in the payment of any tax administered by the Illinois Department of Revenue, or if it is: (a) it is contesting its liability for the tax or the amount of tax in accordance with procedures established by the appropriate Revenue Act; or (b) it has entered into an agreement with the Department of Revenue for payment of all taxes due and is currently in compliance with that agreement.

7) **AUTHORIZATION & SIGNATURE:**

I certify that I am authorized to execute this Certificate of Compliance on behalf of the Contractor set forth on the Proposal, that I have personal knowledge of all the information set forth herein and that all statements, representations, that the Proposal is genuine and not collusive, and information provided in or with this Certificate are true and accurate. The undersigned, having become familiar with the Project specified, proposes to provide and furnish all of the labor, materials, necessary tools, expendable equipment and all utility and transportation services necessary to perform and complete in a workmanlike manner all of the work required for the Project.

ACKNOWLEDGED AND AGREED TO:



Signature of Authorized Officer

Lou Haussmann, PE, PTOE

Name of Authorized Officer

CEO/President

Title

12/18/2025

Date

REFERENCES

Provide three (3) references for which your organization has performed similar work.

Bidder's Name: Baxter & Woodman, Inc.

(Enter Name of Business Organization)

1. ORGANIZATION	<u>Village of Algonquin, IL</u>
ADDRESS	<u>2200 Harnish Dr, Algonquin, IL 60102</u>
PHONE NUMBER	<u>847-658-2700</u>
CONTACT PERSON	<u>Brad Andresen</u>
YEAR OF PROJECT	<u>2023-2026</u>
2. ORGANIZATION	<u>City of Valparaiso, IN</u>
ADDRESS	<u>166 Lincolnway, Valparaiso, IN 46383</u>
PHONE NUMBER	<u>219-462-1161 ext. 3317</u>
CONTACT PERSON	<u>Bill Laird</u>
YEAR OF PROJECT	<u>2025</u>
3. ORGANIZATION	<u>Lake County Division of Transportation, IL</u>
ADDRESS	<u>600 W Winchester Road, Libertyville, IL 60048</u>
PHONE NUMBER	<u>847-377-7479</u>
CONTACT PERSON	<u>Glenn Petko, PE</u>
YEAR OF PROJECT	<u>2021</u>



ORLAND PARK

INSURANCE REQUIREMENTS

Please sign and provide a policy Specimen Certificate of Insurance showing current coverages.

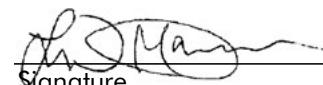
If awarded the contract, all Required Policy Endorsements noted in the left column in **red bold** type **MUST** be provided.

Standard Insurance Requirements	Please provide the following coverage if box is checked.
WORKERS' COMPENSATION & EMPLOYER LIABILITY Full Statutory Limits - Employers Liability \$500,000 – Each Accident \$500,000 – Each Employee \$500,000 – Policy Limit Waiver of Subrogation in favor of the Village of Orland Park	LIABILITY UMBRELLA (Follow Form Policy) <input type="checkbox"/> \$1,000,000 – Each Occurrence \$1,000,000 – Aggregate <input checked="" type="checkbox"/> \$2,000,000 – Each Occurrence \$2,000,000 – Aggregate <input type="checkbox"/> Other: _____ EXCESS MUST COVER: General Liability, Automobile Liability, Employers' Liability
AUTOMOBILE LIABILITY (ISO Form CA 0001) \$1,000,000 – Combined Single Limit Per Occurrence Bodily Injury & Property Damage. Applicable for All Company Vehicles.	PROFESSIONAL LIABILITY <input type="checkbox"/> \$1,000,000 Limit – Claims Made Form, Indicate Retroactive Date <input checked="" type="checkbox"/> \$2,000,000 Limit – Claims Made Form, Indicate Retroactive Date <input type="checkbox"/> Other: _____ Deductible not-to-exceed \$50,000 without prior written approval
GENERAL LIABILITY (Occurrence basis) (ISO Form CG 0001) \$1,000,000 – Combined Single Limit Per Occurrence Bodily Injury & Property Damage \$2,000,000 – General Aggregate Limit \$1,000,000 – Personal & Advertising Injury \$2,000,000 – Products/Completed Operations Aggregate	BUILDERS RISK Completed Property Full Replacement Cost Limits – Structures under construction ENVIRONMENTAL IMPAIRMENT/POLLUTION LIABILITY \$1,000,000 Limit for bodily injury, property damage and remediation costs resulting from a pollution incident at, on or mitigating beyond the job site CYBER LIABILITY \$1,000,000 Limit per Data Breach for liability, notification, response, credit monitoring service costs, and software/property damage CG 20 37 ADDITIONAL INSURED – Completed Operations (Provide only if box is checked)
ADDITIONAL INSURED ENDORSEMENTS: <i>(Not applicable for Goods Only Purchases)</i> <ul style="list-style-type: none">ISO CG 20 10 or CG 20 26 (or Equivalent) Commercial General Liability CoverageCG 20 01 Primary & Non-Contributory (or Equivalent) The Village must be named as the Primary Non-Contributory which makes the Village a priority and collects off the policy prior to any other claimants.Blanket General Liability Waiver of Subrogation - Village of Orland Park A provision that prohibits an insurer from pursuing a third party to recover damages for covered losses.	

Any insurance policies providing the coverages required of the Consultant, excluding Professional Liability, shall be specifically endorsed to identify "The Village of Orland Park, and their respective officers, trustees, directors, officials, employees, volunteers and agents as Additional Insureds on a primary/non-contributory basis with respect to all claims arising out of operations by or on behalf of the named insured." The required additional Insured coverage shall be provided on the Insurance Service Office (ISO) CG 20 10 or CG 20 26 endorsements or an endorsement at least as broad as the above noted endorsements as determined by the Village of Orland Park. Any Village of Orland Park insurance coverage shall be deemed to be on an excess or contingent basis as confirmed by the required (ISO) CG 20 01 Additional Insured Primary & Non- Contributory Endorsement. The policies shall also contain a Waiver of Subrogation in favor of the Additional Insureds in regard to General Liability and Workers' Compensation coverage. The certificate of insurance shall also state this information on its face. Any insurance company providing coverage must hold an A-, VII rating according to Best's Key Rating Guide. Each insurance policy required shall have the Village of Orland Park expressly endorsed onto the policy as a Cancellation Notice Recipient. Should any of the policies be cancelled before the expiration date thereof, notice will be delivered in accordance with the policy provisions. Permitting the contractor, or any subcontractor, to proceed with any work prior to our receipt of the foregoing certificate and endorsements shall not be a waiver of the contractor's obligation to provide all the above insurance.

Consultant agrees that prior to any commencement of work to furnish evidence of Insurance coverage providing for at minimum the coverages, endorsements and limits described above directly to the Village of Orland Park, 14700 S. Ravinia Avenue, Orland Park, IL 60462. Failure to provide this evidence in the time frame specified and prior to beginning of work may result in the termination of the Village's relationship with the contractor.

ACCEPTED & AGREED THIS 18 DAY OF December, 2025



Signature

Lou Haussmann, PE, PTOE | CEO/President

Printed Name & Title

Authorized to execute agreements for:

Baxter & Woodman, Inc.

Name of Company



CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)
12/20/2024

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER Holmes Murphy & Associates 2727 Grand Prairie Pkwy Waukee IA 50263	CONTACT NAME: Morgan Ebel	
	PHONE (A/C. No. Ext): 612-349-2438	FAX (A/C. No):
INSURED Baxter & Woodman, Inc 8678 Ridgefield Road Crystal Lake, IL 60012	E-MAIL ADDRESS: MEBel@holmesmurphy.com	
	INSURER(S) AFFORDING COVERAGE	NAIC #
INSURER A : Valley Forge Insurance Company		20508
INSURER B : The Continental Insurance Company		35289
INSURER C : Continental Casualty Company		20443
INSURER D :		
INSURER E :		
INSURER F :		

COVERAGES

CERTIFICATE NUMBER: 1752417346

REVISION NUMBER:

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS		
A	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR <input type="checkbox"/> <input type="checkbox"/> GENL AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input checked="" type="checkbox"/> PRO- <input type="checkbox"/> JECT <input checked="" type="checkbox"/> LOC <input type="checkbox"/> OTHER:			7017821337	1/1/2025	1/1/2026	EACH OCCURRENCE	\$ 1,000,000	
							DAMAGE TO RENTED PREMISES (Ea occurrence)	\$ 1,000,000	
							MED EXP (Any one person)	\$ 15,000	
							PERSONAL & ADV INJURY	\$ 1,000,000	
							GENERAL AGGREGATE	\$ 2,000,000	
							PRODUCTS - COMP/OP AGG	\$ 2,000,000	
								\$	
B	<input checked="" type="checkbox"/> AUTOMOBILE LIABILITY <input checked="" type="checkbox"/> ANY AUTO <input type="checkbox"/> OWNED AUTOS ONLY <input type="checkbox"/> SCHEDULED AUTOS <input type="checkbox"/> HIRED AUTOS ONLY <input type="checkbox"/> NON-OWNED AUTOS ONLY			7017833701	1/1/2025	1/1/2026	COMBINED SINGLE LIMIT (Ea accident)	\$ 1,000,000	
							BODILY INJURY (Per person)	\$	
							BODILY INJURY (Per accident)	\$	
							PROPERTY DAMAGE (Per accident)	\$	
								\$	
B	<input checked="" type="checkbox"/> UMBRELLA LIAB <input checked="" type="checkbox"/> OCCUR <input type="checkbox"/> EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE <input type="checkbox"/> DED <input checked="" type="checkbox"/> RETENTION \$ 10,000			7017835416	1/1/2025	1/1/2026	EACH OCCURRENCE	\$ 15,000,000	
							AGGREGATE	\$ 15,000,000	
								\$	
C	<input checked="" type="checkbox"/> WORKERS COMPENSATION AND EMPLOYERS' LIABILITY <input type="checkbox"/> ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below	Y / N <input checked="" type="checkbox"/> N	N / A	717818681	1/1/2025	1/1/2026	<input checked="" type="checkbox"/> PER STATUTE <input type="checkbox"/> OTHER		
							E.L. EACH ACCIDENT	\$ 1,000,000	
							E.L. DISEASE - EA EMPLOYEE	\$ 1,000,000	
							E.L. DISEASE - POLICY LIMIT	\$ 1,000,000	
C	Professional Liability Claims made form			AEH591900841	1/1/2025	1/1/2026	Per claim Aggregate	\$5,000,000 \$10,000,000	

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)
For Reference Only

CERTIFICATE HOLDER

CANCELLATION

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE

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BUSINESS RELATIONSHIP DISCLOSURE FORM

Business Relationships. Pursuant to Village Code, all business relationships between vendors and Officials must be disclosed. Vendors and Officials shall complete this Business Relationship Disclosure Form when applicable. Failure to comply shall be considered a violation of the ordinance and can result in penalties.

For Vendors. Any vendor who has had any business relationship within the preceding ten years or reasonably expects such a relationship in the following twelve months with a current official or a past official during the preceding 10 years, where such relationship resulted in or is expected to result in financial benefit, shall disclose the following if the relationship entitled the current or past official to compensation, economic opportunity, or payment in excess of \$7,500 annually. A business relationship does not include a political contribution, otherwise duly reported as required by law.

For Officials. Any official who has had any business relationship within the preceding ten years or reasonably expects such a relationship in the following twelve months with a vendor, where such relationship has resulted in or is expected to result in financial benefit, shall disclose the following if the relationship entitled the official to compensation, economic opportunity, or payment in excess of \$7,500 annually. A business relationship does not include a political contribution, otherwise duly reported as required by law.

Submission of a disclosure does not disqualify a Vendor from consideration for a contract, grant, concession, land sale, lease or any other matters subject to the Village approval.

(1) Check applicable box Vendor Official

(2) For Vendor

I do not have a business relationship with any current Village of Orland Park Official or reasonably expect such a relationship in the following twelve months that entitled the Official to compensation, economic opportunity, or payment in excess of \$7,500 annually. See Appendix A for a listing of current Officials. (Please check the box if applicable and complete Certification section only.)

I did not have a business relationship with any past Village of Orland Park Official in the preceding ten (10) years that entitled the past Official to compensation, economic opportunity, or payment in excess of \$7,500 annually. See Appendix B for a listing of past Officials is included with this disclosure form. (Please check the box if applicable and complete Certification section only.)

(3) Please provide the name(s) of the Vendor(s) or Official(s) or related party.

NA

(4) What is the nature of the business relationship with the Vendor(s) or Official(s) or related party?

NA

(5) Provide the date(s)[month/year] of engagement or expected engagement:

NA

2025/11/11

(6) If the Vendor has been acquired or purchased within the preceding five (5) years:

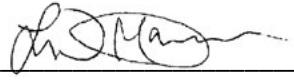
a. The date(s) of acquisition of the Vendor: _____

b. The name(s) of the preceding Vendor, if changed: _____

Certification

The undersigned Lou Haussmann, PE, PTOE, as CEO/President, and on
(Print Name of Person Making Disclosure) (Print Title of Person Making Certification)

behalf of Baxter & Woodman, Inc., certifies the information supplied is true and accurate.
(Print Name of Vendor / Official)

Signature: 

Date: 12/18/2025
