



STATEMENT OF QUALIFICATIONS



LAKE COUNTY STORMWATER MANAGEMENT COMMISSION **SMC-2026001** REQUEST FOR PROPOSAL FOR GENERAL ENGINEERING SERVICES

JANUARY 26, 2026 | 2:00 PM
ATTN: ERNESTO HUARACHA, WATER RESOURCES PROFESSIONAL



www.atwell.com

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1. FIRM OVERVIEW





ATWELL, LLC

A LEGACY SPANNING
MORE THAN 100 YEARS

1900 + EMPLOYEES | 360+ LICENSED PROFESSIONALS | 65+ OFFICES NATIONWIDE

ABOUT ATWELL

Atwell is a bold leader in the consulting, engineering, and construction industry.

Our teams combine to offer efficient, creative, and profitable solutions for your projects and operations. We are organized for your success, working seamlessly across departments and locations to deliver what you need to where you need it, all from one trusted source.

ATWELL ACQUIRES MANHARD

In 2025, two dynamic firms of shared values, technical expertise, and culture came together to deliver more growth opportunities for our staff and stronger service offerings to current and new clients. With this partnership, we look forward to continuing our valued relationship with Lake County SMC.

CORE MARKETS

Real Estate & Land Development

Residential • Commercial • Community

Oil & Gas

Exploration & Production • Midstream & Transmission
Distribution & Utility • Energy Transition

Power & Energy

Power Delivery • Renewable Generation • Battery Storage

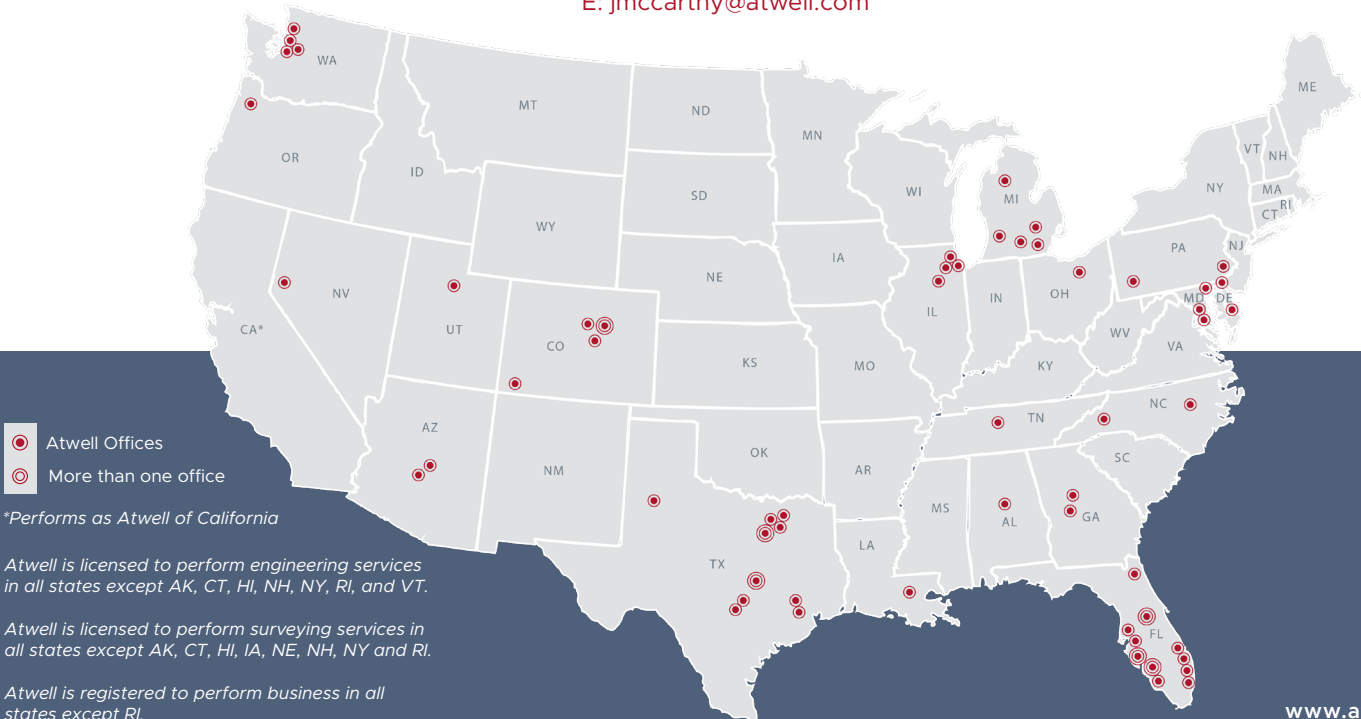
SERVICES

- Land & ROW Solutions
- Surveying
- GIS Mapping
- Engineering
- Planning & Entitlement
- Environmental & Natural Resources
- Program & Development Services
- Construction Services

LOCAL LAKE COUNTY OFFICE

Your projects will be led by **Project Manager and Point of Contact, Jodi McCarthy, PE, CFM, CPESC** and staff from our Lincolnshire, Illinois office. Should the need arise, Atwell can draw support from our three (3) other Illinois offices and more than 65 offices nationwide.

One Overlook Point | Suite 290 | Lincolnshire, IL 60069
P: 847.634.5550
E: jmccarthy@atwell.com



- Atwell Offices
- More than one office

*Performs as Atwell of California

Atwell is licensed to perform engineering services in all states except AK, CT, HI, NH, NY, RI, and VT.

Atwell is licensed to perform surveying services in all states except AK, CT, HI, IA, NE, NH, NY and RI.

Atwell is registered to perform business in all states except RI.

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STATEMENT OF INTEREST AND QUALIFICATIONS

Atwell understands that SMC is seeking a qualified consulting firm to professional general engineering services. Atwell has thoroughly reviewed the scope of services for this RFP and we are confident that our experience, qualifications, and proposed team are the best fit for the needs of SMC.

Atwell (previously Manhard) has been providing on-call municipal engineering and planning services to northeast Illinois municipalities for over 25 years. The Villages of Lake Zurich, Deerfield, Lakemoor, Port Barrington, Lindenhurst, Round Lake Beach, Round Lake Park, Volo, and Wadsworth are some of the communities that Atwell actively represents as Village Planners and/or Engineers. Serving as a village engineer and WDO enforcement officer requires a diversely qualified full-service team that is dedicated, technically proficient, and are effective at communicating with Village staff, stakeholders, and regulatory agencies. Atwell's team knows how to navigate the engineering design, bidding, and construction phases of public infrastructure projects through the municipal process and under the umbrella of grant funding.

This RFP also outlines the rich history Atwell has of providing professional services in the design and construction of regional stormwater projects in Lake County and our surrounding geography. Atwell has completed design, bidding and construction phase services for flood control projects of varying scale, including but not limited to: storm sewer enhancements (both combined and separated), dam repairs and inspections, overland conveyance enhancements, floodplain enhancements, tributary flood storage, streambank and shoreline stabilization, and flood storage in waterbodies, wetlands, and linear waterways.

In addition to the specifics listed above, the Atwell team will provide SMC the following key services to ensure a successful project:

- Effective and open communication between the team and SMC. The Atwell team will take a proactive role in keeping SMC up to date on design schedules, milestone markers, permitting status, and other pertinent information to be communicated with stakeholders and SMC representatives. Meetings will be held at a frequency convenient for SMC, and regular written updates will be provided.

- A top-quality product from project conception to construction, including topographic and boundary surveys, easement documents, existing and field conditions, bid documents, permits, contract documents, and field observation services.
- Project partners to provide SMC with a full-service team, including wetland delineation services / permitting (JHWetco), soils testing (TSC), and structural engineering (Highland Engineering).
- A deep understanding of the local ordinances and established relationships with regulatory agencies to ensure compliance with county, state, and federal requirements, including IEPA, IDNR-OWR, USACE, FEMA, LCSMC, LCDOT, and IDOT.
- A focus on meeting the scheduling and budgetary needs of the project. The Atwell team is skilled in providing alternatives analysis and creative solutions to minimize construction costs, accommodate scheduling requirements, and minimize disruption to the community. The team's thorough QA/QC process and value engineering will provide SMC with a top-quality design and high-quality product image.

The Atwell team also meets the following requirements outlined on Page 3 of the RFP:

- Atwell is licensed to provide professional engineering services in the State of Illinois.
- Jodi McCarthy, the primary contact, has over 24 years of experience managing municipal projects and is a licensed Illinois Professional Engineer.
- The Atwell team will be able to provide the engineering design and construction management services listed in this RFP, either with firm staff or by using a sub-consultant licensed in the State of Illinois for its appropriate field of work.
- The Atwell team and sub-consultants will have staff capacity to complete work within a defined schedule once a specific project is awarded.

This extensive local experience will allow the team to integrate seamlessly with the SMC team.

It is understood that work will be performed under Service Requests that will require a proposal that outlines the services to be provided and an hourly not-to exceed cost.



3 • THE ATWELL TEAM | ROLES & RESPONSIBILITIES



THE ATWELL TEAM | ROLES & RESPONSIBILITIES

THE ATWELL TEAM

When scoping a project, we work to fully understand the project's needs and key issues and assign appropriately experienced personnel. Once assigned, the team will remain involved from start to finish, and we will not accept additional responsibilities that impact our commitment to you.

HOW WE WORK TOGETHER FOR SUCCESS

Since joining Atwell (previously Manhard), Jodi has built a dedicated team to support the Lake County's evolving project needs. Jodi and our assembled team consistently deliver successful outcomes for local agencies. Together, this team has advanced projects from design through bidding and award, and managed construction phases with precision and reliability. The team proposed for SMC operates as a unified group, most of which are based in our Lincolnshire office, allowing for seamless coordination and efficient communication necessary to complete public works projects for the clients and communities we serve. Beyond technical expertise, we bring proven experience working with IEPA, IDNR-OWR, USACE, FEMA, LCSMC, LCDOT, and IDOT, to secure state and federal funding for our clients without delays. Our collaborative approach fosters trust and accountability, while our inclusive culture — supported by regular team meetings and engagement activities — strengthens team member performance and satisfaction.

While the Atwell name may be new to the SMC, we are committed to continuing the successful relationship you have built with the same leadership and team you have worked with under Manhard. We understand the importance of continuity, familiarity, and trusted relationships, and we look forward to continuing supporting the SMC's Lake County General Engineering Services contract. **The contract and associated projects will continue to be managed by Jodi McCarthy, PE, CFM, CPESC, Associate Director, from Atwell's Lincolnshire office.**



PROJECT MANAGER | POINT OF CONTACT



PROJECT ROLE

*Project Manager
Point of Contact*

EDUCATION

*Bachelor of Science
Civil and Environmental
Engineering
University of Wisconsin, Madison*

REGISTRATIONS

*Professional Engineer,
- Illinois #62-062010
- Wisconsin #40488-006*

*Certified Floodplain Manager,
State of Illinois #08-00410*

*Certified Professional in Erosion
and Sediment Control #6218*

AFFILIATIONS

*Illinois Association for Floodplain
and Stormwater Management*

*Illinois Association of
Environmental Professionals*

*Lake County Stormwater
Management Commission –
Technical Advisory Committee*

*McHenry County Technical
Advisory Committee – Vice Chair*

*American Public Works
Association*

YEARS OF EXPERIENCE

24+ years in the industry

JODI MCCARTHY | PE, CFM, CPESC

ASSOCIATE DIRECTOR

Jodi has over 24 years of experience in municipal and site engineering. Over her career, she has worked closely with local communities on day-to-day operations including capital project planning, annual budgeting, development reviews, infrastructure inspections, motor fuel tax maintenance contracts, stormwater compliance, presentations to committees and municipal corporate authorities and much more. She has also been instrumental in the design of key infrastructure projects, including all aspects of site design, floodplain and stormwater management, hydrologic and hydraulic analysis, stream and lake restoration, existing drainage assessment and remediation, soil erosion and sediment control (SE/SC), regulatory inspections and enforcement. Jodi is proficient in computer modeling such as HEC-RAS, HEC-HMS, WinTR-20, StormCAD, PondPack, XP-SWMM, Hydraflow, and HydroCAD.

Jodi currently serves as Village Engineer for the communities of Lake Zurich, Round Lake Beach, Lakemoor, Port Barrington, South Barrington, and Volo.

SELECT PROJECT EXPERIENCE

MUNICIPAL ENGINEER

LAKE COUNTY, ILLINOIS

Jodi is assisting in the day-to-day engineering operations of multiple communities in the Chicagoland area. Responsibilities and activities include:

- Plan review from conceptual to final design
- Review of plan revisions
- Plats of subdivision
- Permit plats and houseline review
- Design specifications and details
- MFT and grant funding
- Review of annexation, development, and recapture agreements
- Verify developer invoices for SSA disbursements and bond reductions
- Annual budgeting
- Capital Improvement plans
- Infrastructure management master planning

STORMWATER ENFORCEMENT OFFICER *

LAKE COUNTY, ILLINOIS

Jodi is tasked with ensuring compliance with the community's stormwater management ordinances, state and federal floodplain regulations, and NFIP requirements. Currently acting as the Lake County Stormwater Enforcement Officer for the Villages of Lake Zurich, Volo, Port Barrington, and Round Lake Beach.

PERMIT REVIEWER AND INSPECTOR, LAKE COUNTY STORMWATER MANAGEMENT COMMISSION *

LAKE COUNTY, ILLINOIS

Jodi was employed by Lake County to review and permit projects in Lake County Illinois for compliance with the Watershed Development Ordinance (WDO) encompassing stormwater management, wetlands, floodplain, and soil erosion and sediment control (SE/SC). She conducted site inspections for regulatory compliance and SE/SC inspections; prepared inspection reports; communicated with owners, contractors, and regulatory agencies during the construction process to bring non-compliant sites into compliance. Jodi investigated violations to the WDO as well as potential USACE violations. Enforcement action included coordination with regulatory agencies, certified violation letters, posting "Stop Work Orders", and meeting with violators to ensure understanding of the necessary corrective actions.



JODI MCCARTHY | PE, CFM, CPESC...continued
ASSOCIATE DIRECTOR

SELECT PROJECT EXPERIENCE

BUFFALO CREEK STREAMBANK RESTABILIZATION

LAKE ZURICH, ILLINOIS

Jodi served as the Project Director to develop a plan that would restore biodiversity, hydrologic functions, and water quality functions to the highly degraded streambank of Buffalo Creek in Lake Zurich. The project was funded by the DCEO funding through a partnership with SMC, and was awarded APWA's project of the year in 2024. She worked to carefully balance project costs and minimization of environmental impacts with achieving the goals of the project. A full hydraulic analysis was conducted to ensure that the conveyance capacity of the creek was improved, as well as ensuring the stabilization measures were appropriate for the highly erosive flows generated by storm events. The flow of the creek during low and high flow periods was carefully considered in the planting plan to allow for the successful establishment of wetland vegetation.

STORMWATER PERMIT REVIEW CONSULTANT, LAKE COUNTY STORMWATER MANAGEMENT COMMISSION *

LAKE COUNTY, ILLINOIS

Jodi served as the senior engineer for review of stormwater permit applications/submittals for compliance with the Lake County Watershed Development Ordinance (WDO), and preparation of reports documenting deficiencies, recommendations, and/or compliance. Specific review categories included stormwater, floodplain and floodway, hydrologic and hydraulic modeling, and soil erosion and sediment control plans. Jodi was responsible for conducting the reviews as well as coordinating with the County and other regulatory agencies involved in the projects.

PARK AVENUE WEST OVER SKOKIE RIVER *

LAKE COUNTY, ILLINOIS

Lead Water Resources Engineer for preliminary engineering services for the replacement of a single span rolled steel beam bridge that was originally built in 1950 and widened in 1984. Preliminary engineering included an in-depth bridge inspection and a bridge condition report, the proposed replacement bridge is a single span steel plate girder bridge with integral abutments built behind the existing abutments. A roadway and channel survey were performed along with a full hydrologic/hydraulic study of the existing and proposed bridge structure. The hydraulic characteristics of the floodplain for existing conditions were calculated using the US Army Corps of Engineers HEC-RAS program. HEC-18 Scour analyses on the bridge was performed to evaluate the potential for scour at the proposed bridge.

EDWARDS ROAD CULVERT *

ANTIOCH TOWNSHIP, LAKE COUNTY, ILLINOIS

Lead Water Resources Engineer for the replacement of arch metal pipe culverts that failed during the large July 2018 storm event with dual reinforced concrete 9' x 9' box culverts. A roadway and channel survey were performed along with a full hydrologic/hydraulic study of the existing and proposed structure. The hydraulic characteristics of the floodplain for existing conditions were calculated using the US Army Corps of Engineers HEC-RAS program. Jodi navigated the emergency culvert replacement permitting process through Lake County SMC, IDNR-OWR, IEPA, and USACE. The project provided passage for the protected Iowa Darter, so additional coordination and environmental studies were required to ensure the species was not impacted.

NORTHMILL CREEK WATERSHED PLAN *

LAKE COUNTY, ILLINOIS

Technical Lead and Author for the North Mill Creek Watershed Plan, funded through an IEPA 319 Grant. Responsibilities included development and management of the multi-objective watershed plan that incorporates flood reduction, water quality improvements and natural resource protection initiatives. Tasks included collecting, analyzing, and reviewing the watershed data to develop a technical document that will be useful for the general public as well as the engineering / planning community. Jodi took the lead role to organize and facilitate stakeholder planning meetings through coordination with non-profit organizations, local jurisdictions, and residents.

*Completed prior to joining Atwell



PROJECT TEAM BIOS

DIANE BOUCKAERT | P.E, CFM, CPESC

ASSOCIATE DIRECTOR - STORMWATER MANAGEMENT | GENERAL ENGINEERING SERVICES AND REGULATORY REVIEW

With over 30 years of experience in Stormwater Management, Diane serves as Associate Director, responsible for projects that address stormwater-related challenges. Working mainly in the Northern Illinois area, she has a keen understanding of the WDO. She has successfully obtained numerous permits from the county and maintains a good working relationship with key reviewing personnel at the county, state, and federal levels. She also performs stormwater and permit reviews on behalf of our municipal clients to ensure regulatory and WDO compliance. She serves on the MWRD Technical Advisory Committee and maintains an excellent working relationship with key reviewing agents in NE Illinois.

MAUREEN EGAN | PE

SENIOR PROJECT MANAGER - DESIGN PROJECT MANAGER | GENERAL ENGINEERING SERVICES AND REGULATORY REVIEW

Maureen has over 23 years of experience in Land Development Engineering. As a Senior Project Manager, she has designed and permitted numerous site improvements, starting with assessing existing site conditions, developing preliminary site plans, finalizing designs, obtaining stormwater permits, and overseeing project closeout. With many of her projects focused on northeastern Illinois, Maureen has a strong understanding of the stormwater permitting requirements in McHenry and Lake counties. Her experience in land development, stormwater planning, and modeling is a key contributor to her continuing project leadership success.

KEVIN SHEA

PROJECT MANAGER - GENERAL ENGINEERING SERVICES AND REGULATORY REVIEW

Kevin has worked as a Project Manager for over 11 years. As part of his responsibilities, he has developed a strong skill set in both Hydrologic and Hydraulic modeling using all the standard modeling software. He has successfully prepared Flood Studies throughout Northeastern Illinois and has a strong understanding of the MWRD Watershed Management Ordinance and experience successfully navigating the permitting process.

FRAN FRAZIO | PE

SENIOR PROJECT MANAGER - GENERAL ENGINEERING SERVICES AND DESIGN

Fran has over 38 years of experience in the civil engineering field. During her career, Fran has been responsible for site feasibility studies, site investigation, drainage analysis and reports, engineering plans and documents preparation and coordination and management of projects. She has extensive expertise in preliminary and final engineering design of site improvements, including site redevelopment projects, building additions, parking lot expansions, earthwork and site grading, access to public roadways, as well as highway widening and turn lane improvements.

JOHN SANDER | PE

PROJECT MANAGER - GENERAL ENGINEERING SERVICES AND DESIGN

John is a Project Manager with over 10 years of experience in land development, project management, and client relations. He has extensive experience in site planning, stormwater detention/retention design, storm sewer design, water main design, sanitary sewer design, site grading, cost estimates, and permitting assistance. John prides himself in the ability to communicate with clients to convey overall project scope, possible issues, cost savings, and timeline. He is skilled at determining client priorities and tailoring design solutions accordingly.



PROJECT TEAM BIOS

KEVIN LILL | PE

PROJECT MANAGER - ROADWAY DESIGN ENGINEERING

Kevin is a Project Manager with more than 10 years of experience providing design, construction observation, and project management services for municipal infrastructure projects. His work includes utility and roadway reconstruction, stormwater management, water transmission mains, and resident engineering, with a strong focus on constructability reviews, field inspections, contractor coordination, and public communication. Kevin has successfully managed complex, multi-million-dollar projects while ensuring compliance with contract documents, schedules, and budgets.

MIKE DENINNO

CONSTRUCTION MANAGER - LEAD CONSTRUCTION MANAGEMENT AND FIELD OBSERVATION

Mike has over 31 years of construction experience in managing all phases of site improvements. He has consistently been successful in meeting specifications, budgets, schedules and deadlines, while simultaneously managing multiple projects. As a Construction Manager, Mike is responsible for both the field operations and project management on private development and infrastructure projects, including NPDES compliance monitoring and reports and NPDES MS4 Inspections.

PATRICK WENDRICKS

SENIOR PROJECT MANAGER - SUPPORTING CONSTRUCTION MANAGEMENT AND FIELD OBSERVATION

Patrick is a Senior Project Manager, and his responsibilities include supervision of demolition activities, mass grading, sanitary sewer, storm sewer, water main and roadway and Sidewalk installation, pavement rehabilitation and restoration projects, dry utility coordination, and installation. Coordinating and scheduling construction staking and topographic surveys, with some civil engineering design plan review for construction installation.

Patrick is also responsible for inspection of sanitary sewer, storm sewer, water main and roadway cur and asphalt pavement installation and rehabilitation, and is responsible for all contractor coordination, pay estimates, performance documentation and contractor payout preparation. He is also responsible for the supervision of all construction inspection; construction observation and reporting for IDOT and LCDOT roadway projects including MFT projects. And finally, he is responsible for subdivision turnover including going into maintenance, dedication and acceptance.

JIM BAKER | PLS

SENIOR PROJECT MANAGER - SURVEY LEAD

Jim has over 28 years of experience in land surveying and currently serves as a Surveying Project Manager. Mr. Baker is primarily responsible for the coordination and preparation of A.L.T.A./A.C.S.M. land title surveys, boundary surveys, plats of subdivision, plats of highways, legal descriptions, plats of easement, plats of dedication, plats of annexation, plats of condemnation, and topographic surveys. He is directly responsible for the planning and development of projects, including researching, preparing and recording county, municipal, and private property. Jim has compiled this professional experience working in the Chicago metropolitan area.

WILLIAM HUPPERICH | PE

PROGRAM MANAGER - QA/QC MANAGER

William has over 28 years of experience in the engineering field. He serves as Program Manager responsible for project development, client relations, total quality management, and supervision of project engineers and support staff. The primary responsibilities of his position include preliminary and final design, highway design, site grading and earthwork analysis, construction project management, water main design, budget preparation/cost estimates, FEMA re-mapping requests, storm sewer design, sanitary sewer design, stormwater detention and flood routing, contract bidding, parking lot design, and feasibility studies.



4 • SUBCONSULTANTS





HIGHLAND ENGINEERING PC

Consulting & Forensic Engineers

540 W. Frontage Rd., Ste. 2255 Northfield, IL 60093 | 847.639.9000
www.highlandengineeringpc.com | info@highlandengineeringpc.com



Building Consulting Services

Highland Engineering's building consulting services, coupled with our forensic engineering expertise enables us to provide our clients with a full complement of critical support for insurance losses and their related issues. From traditional cost estimating and scheduling, to comprehensive program management, our clients receive:

- A thorough assessment of how, why or when an event occurred
- Expertise in identifying the scope of work, repair schedule, and how much it will cost to repair or replace

ABOUT HIGHLAND ENGINEERING

Since 2002, Highland Engineering has successfully delivered **consulting and forensic engineering services** to a broad range of clients both locally and nationally. Our formula is simple; provide each client with personalized service and deliver outstanding results - on time and on budget. Our professionals are thorough and accurate, and have substantial experience in all aspects of commercial and industrial construction, and forensic engineering. We are consistent in sustaining the leading standards of practice, continuing education, and the use of technology in order to offer our clients the most competitive, efficient and professional services possible.

HIGHLAND ENGINEERING BUILDING CONSULTING SERVICES INCLUDE:

Cost Estimating

- Expertise in scope development
- Cost estimates
- Damage evaluation

Construction Dispute Resolution

- Dispute resolution regarding scope and costs
- Determination of repair vs. replacement requirements
- Assistance with contractor/warranty negotiations.

Testing Service Corporation (TSC) has a recognized reputation for provision of professional engineering services. Since our 1954 incorporation, the firm has completed more than 90,000 projects, primarily throughout Central and Northern Illinois. The corporate project list includes large scale residential, commercial, retail and industrial development, as well as medium to large scale structures. Public infrastructure items such as roadways, bridges, tunnels, underground and earth retention systems are also included.

TSC operates from its corporate headquarters in Carol Stream, Illinois. Our firm has branch facilities in Shorewood, DeKalb, Rockford and Gurnee, Illinois. TSC employs a staff of more than 100 people, including 14 Professional Engineers and Geologists. Our Geotechnical Engineering and Construction Materials Engineering operational groups are supported by Laboratory and Drilling departments. These four departments can operate together or independently depending on client/project specific needs.

Geotechnical Engineering (GEO) - TSC has practiced geotechnical engineering since its 1954 incorporation. Our professional engineers have developed recommendations for standard spread footings, as well as deep foundations including driven piles and caissons. Lateral earth pressure criteria has been developed for evaluation and design of temporary and permanent support systems for deep excavations and tunnels. Data from inclinometers and Menard pressuremeter is regularly employed by TSC's geotechnical staff. In addition, our geotechnical staff is well experienced in roadway/ infrastructure projects.

Construction Materials Engineering (CME) - Our CME department is staffed by about 75 personnel including six (6) Professional Engineers. TSC technicians provide testing, observation and sampling services for soils, Portland cement and bituminous concrete, structural steel and on construction projects.

Technicians receive appropriate training for the services they are required to perform. Field technicians assigned to various projects are certified and well versed in project specific requirements and information. TSC has in-house capability to provide technicians with the radiation safety training necessary for Nuclear/Moisture Density Gauge operators. Regular training for Structural Steel NDT Technicians (Certified to SNT-TC-1A for UT, MT and PT), Illinois Department of Transportation QC/QA - Levels 1, 2 & 3, and Portland cement concrete testing using American Concrete Institute materials are elements of the continuing training provided our technicians.

Laboratory - The physical materials testing laboratory at TSC's location in Carol Stream is one of the largest of its type in the state of Illinois. TSC is an active participant in the AASHTO Materials Reference Laboratory (AMRL) program. TSC's laboratory is also accredited by the Cement and Concrete Reference Laboratory (CCRL) and the Illinois Department of Transportation (IDOT).

Drilling - TSC owns, operates and maintains a drill fleet of 13 units. These drills have a wide range of configurations and access capacity including truck, rubber tire and track mounted All-Terrain Vehicle (ATV), skid and tripod. Our drill supervisor is a licensed well driller and our crews have OSHA 40-Hour Health & Safety training.

STATEMENT OF SCOPE/SERVICES

JHWetco.com, Inc.

2026

JHWetco specializes in expert wetland consulting for clients in the Chicagoland area with emphasis in Lake County, IL. Our core competency lies in navigating the intricacies of challenging wetland delineations and permitting processes. We cater to a diverse clientele, spanning public, private, and commercial projects, ranging from expansive linear projects like public water, sewer, or roads to single-family homes and complex subdivisions. Throughout our endeavors, our primary goal is to simplify the complexities of wetlands, ensuring the success of your projects.

SCOPE OF EXPERTISE:

Wetland Regulatory Services

- **Wetland Planning:** Assist project teams to avoid or minimize wetland impacts and quicken regulatory reviews.
- **Field Work:** Expertise in wetland delineations and assessments, preliminary wetland determinations, farmed wetland determinations, and floristic and habitat quality assessments.
- **Reporting:** Delivering comprehensive wetland determination reports that meet the stringent requirements of USACE and County Ordinances.
- **Regulatory Support:** Expertise in jurisdictional determinations at both federal and county levels, along with comprehensive support for permitting processes, including Federal USACE Permits (Section 404), State Section 401 Water Quality Certifications, and County/Municipal Permitting/Isolated Waters Permits.
- **Mitigation:** Providing valuable assistance in wetland mitigation and coordinating bank credits. Proficient in dealing with Threatened and Endangered Species, both at the state and federal levels, including coordination with the State Historic Preservation Officer (SHPO).

QUALIFIED LEADERSHIP:

Joseph I. Hmieleski, MS, SPWS, CWS, brings over 30 years of expertise to wetland projects. Before founding the company, Joe established the wetland practice at a Lake County engineering firm and then served as the first wetland specialist at the Lake County Stormwater Management Commission. Notably, he chaired the Peer Review Team for the USACE's Midwest Regional Supplement to the Wetland Manual. With an M.S. degree in Wetland Ecology and a B.S. in Zoology, Joe is a Senior Professional Wetland Scientist and a Certified Wetland Specialist across multiple counties.

RELEVANT LAKE COUNTY, IL EXPERIENCE:

- **Lake County Stormwater Management Commission** – Assist County with site reviews and wetland permitting under the Lake County Watershed Development Ordinance.
- **Lake County Division of Transportation** – Wetland delineations, PJDs, and permitting for road and drainage projects.
- **Lake County Public Works** – Partnering with Donohue and with LCPW directly, wetland delineations and permitting for sewer and water projects.



Company Background

Aquatic Ecosystems Management, Inc. (AEM) is a professional services firm specializing in pond and lake consulting and management. AEM was founded in 1998 to focus on providing ecologically oriented water management throughout northeastern Illinois. The firm works collaboratively with homeowner associations, corporate/commercial campus management teams, golf courses, municipalities, property managers, landowners and individual homeowners to provide each client with both an aesthetically pleasing and ecologically balanced water feature. Well-maintained water features add to property value and proactive measures for pond protection can reduce future expenses.

Michael Perkaus is the founder and serves as President of Aquatic Ecosystems Management, Inc. Our team include dedicated biologists, ecologists, and trained professionals caring for the environmental integrity of each site.

AEM manages over five hundred clients annually, completing an array of projects in both the public and private sectors, from small ponds and water features to 100+ acre lake/wetland/stream complexes. Please see "Services" section for more information about consulting services relevant for Manhard projects.

AEM is a member of Illinois Lakes Management Association (ILMA), Midwest Aquatic Plant Management Society (MAPMS), and Illinois Landscape Contractors Association (ILCA).

There has never been nor are there any current suits, claims or pending judgements against Aquatic Ecosystems Management, Inc.

Services

AEM offers a full range of services including:

Consulting Services:

- Aquatic ecosystem surveys - ecological assessments of biological, chemical, and physical components to determine balances / imbalances and create management plans.
- Water & Sediment Testing and Analysis
- Sediment and bathymetric mapping for dredge feasibility and shoreline erosion
- NPDES water quality monitoring, testing and reporting
- Golf course Audubon Cooperative Sanctuary Certification
- Ecological monitoring, maintenance and reporting

Field Services:

- Ornamental water feature / koi pond design, installation, and maintenance
- Native shoreline stewardship
- Aeration and fountain installation and maintenance
- Electro-fishing surveys & fish stocking & habitat installation
- Seasonal pond monitoring and maintenance

SUBCONSULTANT'S BIOS

SUBCONSULTANTS

The following pages contain key staff bios of our subconsultants and the firm overviews of each company. Full resumes can be found for our subconsultants in Section 11.

TODD LESPERANCE | SE, PE
HIGHLAND ENGINEERING.
STRUCTURAL LEAD

As the structural engineer, Todd will lead the team with structural design for any elements of the project that may arise, including culverts, retaining walls, headwalls, shoreline stabilization measures, and other structural elements.

MICHAEL MACHALINSKI | PE
TESTING SERVICE CORPORATION (TSC)
GEOTECHNICAL LEAD

As the geotechnical engineer, Michael will be responsible for leading the team with producing, analysis, and report preparation for geotechnical investigations. Their services can include borings, soil surveys, subgrade evaluations, slope stability, settlement analysis, and provide engineering recommendations.

TIMOTHY PECENIAK | PE
TESTING SERVICE CORPORATION (TSC)
GEOTECHNICAL SUPPORT

As the geotechnical engineer, Peter will support the team with producing, analysis, and report preparation for geotechnical investigations. for roadways, culverts and bridges and other elements that could arise from this contract.

MEGAN CONWAY
TESTING SERVICE CORPORATION (TSC)
PROJECT ENGINEER

Supporting the geotechnical team, Megan's experiences includes planning, analysis, and report preparation for geotechnical investigations in northeast Illinois. Recommendations have included shallow footings, mat foundations. She has performed soil surveys and subgrade evaluations..

JOSEPH HMIELESKI | MS, SPWS, CWS
JH WETCO
WETLAND CONSULTANT LEAD

Joseph brings over 30 years of expertise to wetland projects. Before founding the company, Joe established the wetland practice at a Lake County engineering firm and then served as the first wetland specialist at the Lake County Stormwater Management Commission. Notably, he chaired the Peer Review Team for the USACE's Midwest Regional Supplement to the Wetland Manual. With an M.S. degree in Wetland Ecology and a B.S. in Zoology, Joe is a Senior Professional Wetland Scientist and a Certified Wetland Specialist across multiple counties.



SUBCONSULTANT'S BIOS

MICHAEL PERKAUS

AQUATIC ECOSYSTEMS MANAGEMENT

AQUATIC BIOLOGIST | WATER QUALITY TESTING AND ECOLOGICAL MONITORING

Michael founded Aquatic Ecosystems Management in 1998 and serves as President of the company. He oversees the operations staff and project management assignments. He also presents at various aquatic and stormwater management industry conferences. He will serve as the lead contact for all NPDES and Water Quality Testing and Reporting projects. He graduated with a Bachelors' Degree in Biology, from Spring Hill College in Mobile, Alabama. His college summers were spent studying Marine Sciences & Ecology at The Alabama Sea Lab, a consortium of colleges and universities in Alabama. There he studied marine sciences; including coastal wetlands, botany, fisheries, and marine ecology.

MATT RUDY

AQUATIC ECOSYSTEMS MANAGEMENT

FIELD MANAGER & ECOLOGICAL CONSULTANT | WATER QUALITY TESTING AND ECOLOGICAL MONITORING

Matt joined AEM in 2005 and is responsible for coordinating and scheduling of monitoring and maintenance services and reviewing project sites for quality control. He completes all environmental consulting and field services, including water and sediment sampling, analysis, and reporting. In addition to his field responsibilities, his people skills allow him to effectively work with both clients and staff. Matt graduated from Trinity International University in 2003 with a BS in Biology. He is an avid fly fisherman and outdoorsman with a passion for the environment



5 • ATWELL'S ABILITIES TO PERFORM REQUIRED SERVICES



ATWELL'S ABILITIES TO PERFORM REQUIRED SERVICES

The Manhard team has been proud to be a member of the SMC general services team since 2022. With the partnering of the Manhard and Atwell organizations, the enhanced Atwell team will provide additional staff and resources for the SMC team. Our team is uniquely positioned to continue serving a public agency like SMC, as our municipal engineering service provides a first-hand understanding of public-side procedures and perspective. At the same time, our deep bench of design engineers and H&H experts offers a wide breadth of project experience for numerous public and private sector clients. The Atwell team also includes former SMC staff members and certified DECI's, who will bring a wealth of regulatory experience and knowledge of processes and requirements.

Over the last three years, the team has designed, permitted, produced bid documents, managed construction, inspected, and fulfilled DCEO documentation requirements for many projects as part of the general services partnership with SMC.

Atwell's team understands the importance of providing efficient, thorough, and quality service when working with public clients and delivering successful projects for the agency constituents and customers. Communication has always been the cornerstone of our service, ensuring we understand our partners' goals and that the final product meets the requirements and needs of end users.

We are a full-service civil engineering firm with vast resources, relationships, and experience in all services requested as part of this RFP, as illustrated in the following paragraphs:

1. General Engineering Services

a) Design Services

Atwell has significant civil engineering experience across a wide range of projects in Lake County and neighboring counties. Atwell takes the initial project concept and engineers a vision for a wide variety of civil infrastructure projects tailored to the site and the specific goals. Our experienced civil engineering team can help take the project from inception through

final design, permitting, and close-out. Our extensive site and municipal experience provides insight into efficiency, as our team has a deep understanding of both public and private-sector needs.

b) Plan & Specification Development and Review

The Atwell team is well versed in preparing engineering plan documents, specifications, and bidding documents for project construction, on both small and large scales. Atwell's engineering plan sets include sheets for existing conditions and demolition, proposed grading, geometric layout and utilities, storm water pollution prevention, a restoration plan, a construction phasing plan, general notes, and details.



Ensuring that the proposed project will be within the budgetary limits of the funding sources is of great importance. With almost 50 years of in-house planning and engineering expertise, Atwell has a long history of cost estimating from the planning level to the detailed design level. Our engineers have experience assisting local communities with the implementation and management of long-term capital plans and annual project budgeting.

Atwell has also developed a Quality Assurance/Quality Control Program that ensures quality and accuracy across each project by producing deliverables of known, documented quality. We have successfully executed this process in the past on many contracts involving on-call engineering services, stormwater design projects, and other large-scale site



ATWELL'S ABILITIES TO PERFORM REQUIRED SERVICES

improvement projects. Atwell's structure promotes an orderly flow of direction, senior oversight, and production between the client, our Project Manager, our QA/QC team, and production staff.

c) Construction Cost Estimating

Thanks to our in-house construction management department, our engineers have a pulse on the construction industry and pricing trends. Utilizing the knowledge of our construction managers, as well as the latest bid data from our vast database of recent projects, the team is able to prepare quality comprehensive project cost estimates. The team also carefully considers the variation of costs based on the funding source's criteria. For instance, the requirement for American sourced steel in a project that is funded by DCEO would be incorporated into the anticipated costs of construction.



d) Project Specific Permit Application Development and Review

The Atwell team has a deep understanding of the regulatory and permitting process associated with stormwater improvement projects and construction in flood hazard and wetland areas. Team members have established relationships with regulatory agencies such as the IDNR-OWR, FEMA, USACE, and the IEPA. Starting discussions with all regulatory agencies involved in the project at the initial stages will be key in trying to achieve the quick project timeline. In our team's capacity as Village Engineers and Enforcement

Officers, the Atwell team works with these agencies to ensure that all of the applicable regulatory agencies have issued their approvals and all conditions have been met.

e) Surveying Services

Atwell's surveying department has extensive experience in stormwater surveying, particularly stream surveys, and understands that an accurate survey is the cornerstone of every project, as all design is based on this information. Missing, incomplete, or inaccurate information only causes problems, which may delay the project or not even surface until construction begins. Our survey professionals understand this and will coordinate with the design engineers to ensure all critical components are identified before the survey. The location of utilities, boundaries, and easements is also essential in the design process. The Atwell team has provided on-call survey services for SMC, including boundary surveys, utility surveys, and the generation of easement documents.

Atwell's surveyors use the latest technologies to capture data in the field and feed it to downstream teams to utilize the data for a variety of engineering needs. With good baseline data, Atwell teams have what they require to solve technical problems and make informed decisions at every phase. Depending on the aspects of the project, our survey crews can be equipped with standard theodolites, GPS systems,



ATWELL'S ABILITIES TO PERFORM REQUIRED SERVICES

robotic systems, drones, and high-definition 3D scanners.

f) H&H Analysis and Technical Correspondence

The Water Resources team is proficient in a diverse array of stormwater management models and can hydraulically analyze most scenarios using a range of tools. The water resources team can perform: Hydrologic and Hydraulic analysis and design, steady and non-steady state modeling (SWMM, Pond Pack, HEC-RAS, HEC-2, HY-8), stormwater management and storage facility design, floodplain management and map revisions, storm sewer analysis and design (in complex scenarios), GIS Services (infrastructure mapping & modeling), permit applications, dam safety permits and inspections, conservation design, environmental stewardship, watershed planning, stormwater quality analysis, and review and development of stormwater, floodplain, and soil erosion and sediment control ordinances.

The Atwell Water Resources Division has kept pace with the latest technological advances in modeling. It has partnered with numerous public agencies and technical focus groups to build better tools for the watershed planning toolbox. Atwell has prepared models for thousands of projects, and in doing so, we have identified the limitations of many traditional models. As such, we can choose the best model for a given project. In many cases, we have been able to validate our model results by utilizing historical

flooding events. Combining our knowledge of GIS with water resources has enabled Atwell to utilize new techniques in stormwater analysis for soils calibration, harvesting meteorological data, and automating watershed delineation. All these tools have led to a new and improved analysis capability that Atwell can leverage to serve clients.

Atwell's Water Resources Division has completed stormwater planning initiatives in various locations across the country; however, Atwell's roots have always been in the Midwest, specifically in Lake County. Jodi McCarthy and Diane Bourckaert have been actively engaged with multiple municipal partners in updating policies, specifically regarding the incorporation of concepts from the EPA's mandated NPDES program.

The team is proud to have worked on a master plan for the Round Lake Drain under a previous work order from SMC. This comprehensive analysis of the overall watershed and the regional Round Lake area presented an H&H analysis that considered the updated Bulletin 75 stormwater data, compared it with existing regulatory historic rainfall data, and provided a detailed implementation plan to help minimize flood risk and damage in the region. The Atwell team is currently working with the Village of Round Lake Beach and SMC to implement the recommended projects within the plan, of which the Village Drive Culvert Replacement project will be constructed in 2026.

2. & 3. Federal Grant Program Assistance and State of Illinois Grant Program Assistance

With our extensive public service experience, our staff has had significant exposure to and experience with publicly funded and grant-supported projects. Our team works every day with Capital Improvement Projects (CIP) that have specific bidding and reporting requirements as they are supported by state, federal, and local funding. The team is also very familiar with the grant process, from the application and implementation phases through close-out. The project



ATWELL'S ABILITIES TO PERFORM REQUIRED SERVICES

team boasts successful projects with our partners through the Lake County's WMB and SIRF Programs, STOCIP funding, IEPA 319 Grants for water quality improvements, the Illinois Green Infrastructure Grant (IGIG), the Illinois Lake Michigan Implementation Plan (ILMIP) for projects within the Lake Michigan Watershed, Park and Recreational Facility Construction (PARC), and Open Space Lands Acquisition and Development (OSLAD) grants.

The Atwell team has successfully designed, permitted, and overseen the construction of several recently funded DCEO and DCEO-STOCIP projects as part of the SMC General Services contract and as design engineers for our municipalities. The Park City South Roadway Improvements and the Lake Zurich Buffalo Creek Streambank Stabilization projects have been successfully constructed with DCEO funding, with the Round Lake Beach Village Drive Culvert Replacement project slated for construction in the spring of 2026. The project team worked closely with SMC to ensure that the funding, procurement, and reporting requirements of the DCEO funding and the County were met.

4. Watershed-Based Planning Program Assistance

As described above and shown on our project experience pages, the Atwell team has developed comprehensive stormwater analysis and implementation plans for large- and small-scale areas, including both high-level and more refined cost estimates and project timelines for implementing BMPs in the project area. The project team members, such as Jodi and Diane, have been involved in the development of IEPA funded Watershed-Based Plan development while employed with other firms. The development of these plans included meeting the nine minimum elements for Impaired Waters Funded Using Incremental Section 319 Funds.

The stormwater team frequently provides WinSLAMM modeling to meet permitting requirements and support stormwater master planning for municipalities.



The engineers work to develop a WinSLAMM analysis to ensure predicted runoff volumes and particle solid loads are adjusted to match the values observed at the storm-sewer outlets and other critical locations in the watershed (when that data is available). Models are calibrated based on field-collected data and observations to ensure realistic pollutant loads for suspended sediment, total and dissolved solids, nutrients, metals, and organics. Using the modeling results, the Atwell team is well-versed in developing an implementation plan with prioritized projects based on factors such as costs, land acquisition, permitting timelines, and environmental impact.

5. Watershed Development Ordinance (WDO) Regulatory Program Assistance

In our capacity as village engineers and enforcement officers for many communities in the Northeastern Illinois region, the Atwell team already performs daily review and inspection services for our clients. The team has a deep understanding of the development and review process for projects of all sizes in both the public and private sectors. The team prides itself on streamlining the permitting process through open communication during each stage of the project. For example, the team strives to identify incomplete submittals, coordinates with other regulatory agencies as needed, facilitates design discussions and technical clarifications for the applicant's engineer, and provides ordinance interpretations for the applicant. Our team often recommends meetings with applicants and their representatives to build an understanding of the requirements, rather than multiple review letters.



ATWELL'S ABILITIES TO PERFORM REQUIRED SERVICES

In addition to being proficient in our understanding of the WDO, our team has extensive expertise in H&H modeling and in the regulations associated with floodplain and floodway development. Our team is equipped to create and review the most recent, as well as historic, modeling programs that include HEC-RAS, HEC-HMS, HydroCad, HY-8, XP-SWMM, TR-20, EPA-SWMM, StormCad, PondPack, Culvert Master, and any other programs that may be presented to the County.

The Atwell project team includes Lake County Enforcement Officers (EO), Lake County Certified Wetland Specialists (CWS), and Lake County Designated Erosion Control Inspectors (DECI). Jodi McCarthy is an active member of TAC and currently serves as EO for the Villages of Lake Zurich, Lakemoor, Port Barrington, Volo, and Round Lake Beach

6. Designated Erosion Control Inspector (DECI) Services

Our Soil Erosion and Sediment Control (SESC) professionals offer a full suite of soil erosion and sediment control services. Our staff prepares and reviews Storm Water Pollution Prevention Plans, performs weekly field inspections as required and after significant rainfall events, prepares authorization and compliance documentation, and provides special consultation for projects with challenging soil erosion and sediment control issues. The Atwell team is currently serving as DECI on projects through the general services contract.

Our team members are also proud to have been invited to present at the annual DECI training seminars hosted by SMC, where our DECI professionals can share their experiences and understanding of regulatory compliance and SE/SC practices. Atwell currently has seven (7) Lake County Designated Erosion Control Inspectors (DECI) and two (2) Certified Professionals in Erosion and Sediment Control (CPESC).

In our role as Enforcement Officers for multiple Lake County communities, we conduct soil erosion and sediment control inspections to confirm that the DECI reporting and recommendations are appropriate for the stage of construction. We work closely with the DECI to educate applicants and ensure compliance with WDO and IEPA requirements.



ATWELL'S ABILITIES TO PERFORM REQUIRED SERVICES



7. National Pollution Discharge Elimination System (NPDES) Program Support

Atwell provides villages with an array of services necessary to meet the requirements of and maintain compliance with the Illinois Environmental Protection Agency (IEPA) NPDES MS4 Permit. More specifically, including preparation and update of the Village's Storm Water Management Program, Public Works' Storm Water Pollution Prevention Plan, and Notice of Intent. Elements of the Storm Water Management Program include the design of best management practices with measurable goals, educational materials and resources,

illicit discharge, detection, and elimination screening and tracing program; review of current ordinances; development of an illicit discharge ordinance; employee training and materials; water quality sampling and analysis; outfall and detention basin inventories; preparation of annual reports; and representation of the Village at audits conducted by the IEPA. Our construction inspection team also conducts and assists with industrial and commercial inspections, identifying deficiencies, communicating with the property owners to meet compliance requirements, and providing documentation to the Village and IEPA.

The services provided by the Atwell team heavily depend upon participation in the Qualified Local Assistance program managed through SMC. The Atwell team has actively participated in both MAC and TAC, and has worked closely with the program administrators as new regulations have been developed. The Atwell team's familiarity with the County's program and goals, as well as the updated IEPA requirements, would enable the team to assist SMC staff with all aspects of the program's implementation.

In addition to the Atwell inspection team being well-versed in conducting field inspections that meet MS4 reporting requirements, the AEM team provides annual water quality testing and reports for our MS4 clients. They have dedicated biologists and ecologists who can conduct water-quality testing and monitor outfalls and water features within the county. The assessment of water and sediment chemistry can help identify pollutants of concern and target their reduction to meet regulatory reporting requirements, as well as develop a plan for short- and long-term management.

Atwell currently provides NPDES MS4 Permit Assistance to the following communities:

Village of Arlington Heights | Village of Lake Zurich | Township of Libertyville | Village of Mount Prospect | Village of Deerfield | Village of Round Lake Beach | City of Des Plaines | Village of Volo | Village of Lakemoor | Vernon Township | Village of Port Barrington



ATWELL'S ABILITIES TO PERFORM REQUIRED SERVICES

SUPPLEMENTAL SERVICES

Structural

Highland Engineering PC, our structural engineering partner, has extensive experience in the NE Illinois and Lake County regions, specializing in providing structural services to a wide range of clients to support civil engineering design projects. They offer services to this project that are anticipated to include culverts, bridges, headwalls, retaining walls, and shoreline stabilization methods.

Geotechnical Engineering Services

Our project partner, TSC, provides geotechnical surveying, soil borings, subsurface exploration, engineering analysis, and a variety of other services as listed below:

- Geotech Survey
- Soil Borings
- Subsurface Explorations
- Pressuremeter Test Analysis
- Slope Stability and Sediment Analysis
- Pile Load Tests
- Stability Analysis for Segmented Retaining Walls
- Seismic Testing

Construction Management

Our construction management team provides on-site management from the moment a project breaks ground through final inspection. We serve as a central point of control, coordinating the efforts of designers, builders, and third-party contractors, ensuring everyone works together to meet the goals and objectives of SMC's project. Our goal is to avoid costs and delays and to improve the quality, functionality, and usability of the project for all our clients.

Natural Areas Monitoring and Management

Our project partner, JHWetco, is a full-service wetland consulting firm serving clients in the Chicagoland area with diverse wetland-related projects. They work with private, public, and commercial projects from small driveways to complex subdivisions in the Northeastern Illinois region. Their services include wetland

delineation fieldwork, reporting, regulatory permitting, site plan development, creek/shoreline restoration, seed/plant selection, and Wetland Enhancement and Maintenance Plans. Their team has been involved in the restoration design and successful maintenance and monitoring of restoration projects throughout the NE IL region, including those for private entities and public agencies such as the Forest Preserve District and SMC.

Water Quality Testing and Ecological Monitoring

Aquatic Ecosystems Management, Inc. is a professional services firm specializing in water testing as well as pond and lake management. AEM Inc. offers a full range of services, including consulting services for design, installation, aquatic management surveys, dredge feasibility studies, and ecological monitoring and reporting.

Field services include water quality testing, wetland planting, native shoreline plant installation and stewardship, aeration and fountain installation, erosion control and dredging and sediment removal services, as well as seasonal management programs to control nuisance and invasive species. Their expertise has been crucial to meeting the MS4 program requirements for NE Illinois communities, as well as to determining the sources of pollutants and eliminating discharges.

All projects are conducted under the general supervision of a professional staff of licensed Engineers.



ATWELL'S ABILITIES TO PERFORM REQUIRED SERVICES

MORE THAN PIPES AND PONDS

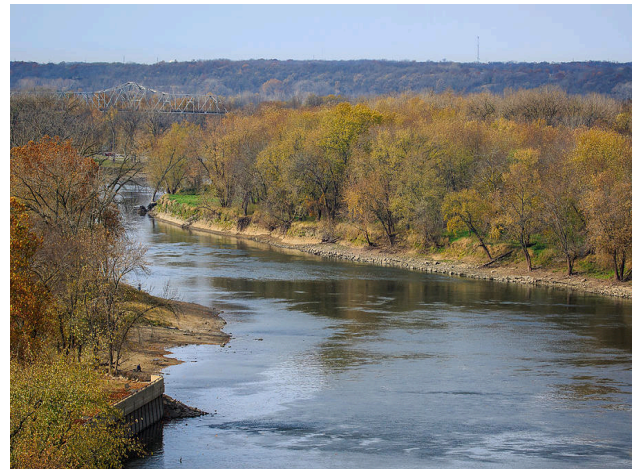
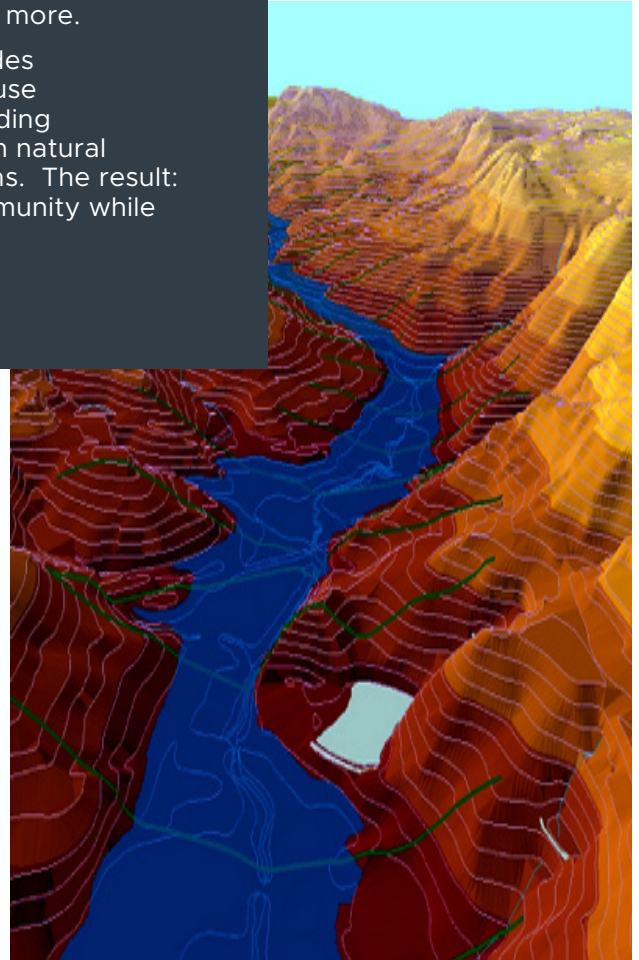
Atwell provides practical, big-picture solutions for stormwater management. Our solutions go far beyond pipes and ponds, focusing on stormwater problems while addressing water quality targets, non-point source pollution, flood mitigation, habitat preservation and more.

Our nationally recognized water resources team has decades of experience in the movement, storage, treatment and reuse of stormwater. We do it with full awareness of the surrounding environment, so stormwater controls blend seamlessly with natural features such as wetlands, riparian corridors and floodplains. The result: sustainable solutions that add aesthetic value to your community while meeting all regulatory flood protection requirements.

SERVICES

- Hydrologic and Hydraulic Modeling
- Stormwater Infrastructure Design
- Stormwater Master Planning
- FEMA Flood Insurance Studies
- Dam Break Modeling and Breach Zone Mapping
- Aquifer Characterization/Water Supply Studies
- Erosion and Sediment Control
- Geomorphic Characterization and Stream Restoration
- Wetland Creation, Enhancement and Restoration
- Wetland Delineations and Deepwater Habitat Classifications
- USACE Nationwide and Individual Permitting
- Mitigation Plans and Monitoring
- Threatened and Endangered Species Surveys
- Biological Evaluation and Assessment
- Water Quality Sampling and Monitoring
- NEPA Documentation
- GIS Services
- Irrigation Design

The water resources team at Atwell uses GIS-linked watershed modeling, including spatial and 3D analysis techniques, to accurately analyze site storm-water controls for compliance with a community's adopted Watershed Management Plan.



ATWELL'S ABILITIES TO PERFORM REQUIRED SERVICES



BUFFALO CREEK IMPROVEMENTS AT BRISTOL TRAILS PARK | LAKE ZURICH, IL

The Village of Lake Zurich improved 700 feet of Buffalo Creek at Bristol Trails Park in Lake Zurich. This project was a continuation of the efforts to reduce flooding, property damage, degradation of the natural wetland corridor, and shoreline loss. The previously meandering erosive slopes created damage to the parkland, adjacent retaining walls, storm sewer infrastructure, trail system, and put the adjacent private properties at risk of the banks encroaching into their parcels. The contractor was able to reuse a variety of materials from the creek, like ajax, boulders, and rip rap to minimize the influx of materials brought into the wetland.

This project allowed stabilization of the streambank, restoration of the wetland areas, and improved conveyance and storage within the stream, lowering the risk of the flooding for the adjacent and downstream residential properties and improved the overall water quality and ecology of the watershed.

TEAM MEMBERS

Jodi McCarthy, Diane Bouckaert, Kevin Shea, Mike DeNinno



ATWELL'S ABILITIES TO PERFORM REQUIRED SERVICES

RIDGEPORT LOGISTICS MASTER DRAINAGE PLAN | ELION PARTNERS | WILMINGTON, IL

Responsible for the preparation of a Master Drainage Plan to incorporate a proposed industrial development encompassing a total of 1400 acres. Project entailed an existing conditions flood study, as well as a proposed analysis of the relocation of a creek with a tributary area of more than 1 square mile. Further, design and analysis of a storm sewer network and stormwater detention plan to serve the proposed development was a part of the project. Project entailed coordination with the Illinois Department of Natural Resources – Office of Water Resources and the US Army Corps of Engineers. A focus on green infrastructure and overall water quality improvements was maintained throughout. Computer software utilized included HEC-HMS, HEC-RAS, StormCAD, as well as EPASWMM to aid in the analysis.

TEAM MEMBERS

Diane Bouckaert, Maureen Egan, Kevin Shea, Jim Baker

ENCLAVE AT MILL CREEK STORMWATER MANAGEMENT | JANKO GROUP | ADDISON, IL

Provided stormwater management for this former nine-hole golf course, comprising 37-acres of land. Stormwater work included coordination with DuPage County and IDNR-OWR for Floodway analysis of a proposed bridge over Westwood Creek. A scour analysis for the proposed bridge was also prepared. Further coordination with and permitting through the Village of Addison (a full waiver community) was required for detention and PCBMPs, as well as compensatory storage for fill in the floodplain. The project also entailed providing streambank stabilization to a section of Westwood Creek that had severely eroded. The design solution included a combination of hardscape in the form of gabion baskets and native vegetation. Permitting from DuPage County, the Office of Water Resources, and the US Army Corps of Engineers was required and secured.

TEAM MEMBERS

Diane Bouckaert, Maureen Egan, Kevin Shea, Jim Baker



KILDEER CREEK STREAMBANK IMPROVEMENTS | VILLAGE OF LAKE ZURICH | LAKE ZURICH, IL

Kildeer Creek, located in the Village of Lake Zurich, is nestled between the corridors of IL Route 22 and Quentin Road. The 1,500 feet of creek has been subjected to years of extended detention drawdown from upstream development, requiring stabilization and restoration design to revitalize the creek corridor and protect nearby residential property from rear yard erosion and encroaching floodplain. The Atwell team provided survey and topographic data collection, wetland delineation, final engineering design, hydraulic analysis, permitting through the USACE, IDNR, USFWS, and Lake County SMC, bid assistance, grant administration, and construction observation services. In addition to the providing full civil engineering services, Atwell assisted in the successful grant application process by obtaining over \$184,000 through SMC's STOCIP-WMB program.

TEAM MEMBERS

Jodi McCarthy, Mike Deninno



ATWELL'S ABILITIES TO PERFORM REQUIRED SERVICES



BUFFALO CREEK RESTORATION | BUFFALO GROVE, IL

The project included restoration of approximately 1,500 feet of Buffalo Creek which included the re-grading of severely eroding banks, stabilizing the banks with a combination of vegetative and biotechnical practices, and thinning of the tree canopy to allow for establishment of native vegetation within the riparian corridor.

VILLAGE OF HODGKINS STORMWATER & DRAINAGE STUDY | HODGKINS, IL

- Atwell provided hydraulic analysis on the stormwater conveyance system.
- Collected topographic ground shots and storm sewer data.
- Reviewed relevant engineering drawings.
- Preliminary design of several proposed alternatives were prepared to improve flooding conditions.

GRAND AVENUE STORMWATER DRAINAGE IMPROVEMENTS | LAKE ZURICH, IL

Atwell was tasked with evaluating the watershed, developing alternatives and providing recommendations to mitigate flooding in this area.

Suggested improvements included increasing pipe size at key areas within the storm sewer system where water bottlenecks occurred and exceeded the capacity of the current system.



S. WILLIAMS ROAD STORMWATER DRAINAGE IMPROVEMENTS | PALATINE, IL

Atwell completed a hydraulic analysis of the residential tributary watershed to the existing stormwater infrastructure of South Williams Avenue and the adjacent outfall system.

The project was value engineered to allow for additional capacity within the adjacent ditches to allow for a higher protection level and an improved outfall design to reduce the amount of ongoing maintenance by Palatine public works.

CEDAR CREEK DRAINAGE STUDY & STORMWATER IMPROVEMENTS | LAKE ZURICH, IL

- Atwell was on site during the events as first responders.
- Collected topographic ground shots and storm sewer data.
- Reviewed relevant engineering drawings.
- Reviewed flooding information and photos from stakeholders.
- Alternatives were presented with preliminary EOPC's and conceptual design.



COLLEGE ROAD SUBDIVISION STORMWATER DRAINAGE IMPROVEMENTS | BARRINGTON, IL

Assessed the repetitive neighborhood flooding problem occurring at the intersection and completed a hydrologic analysis and developed several improvement scenarios. The town used the analysis to successfully obtain grant funding.



ATWELL'S ABILITIES TO PERFORM REQUIRED SERVICES

RIGHT SIZE, RIGHT PRIORITY

At Atwell, we're small enough to get deeply involved in your community, yet large enough to handle your largest projects. Our government services team can deliver the engineering and planning services communities need to help the community sustain and grow. Your community will benefit from our professionals' experience in developing and managing capital improvement programs with your staff and assisting with the management and rehabilitation of your public infrastructure assets.

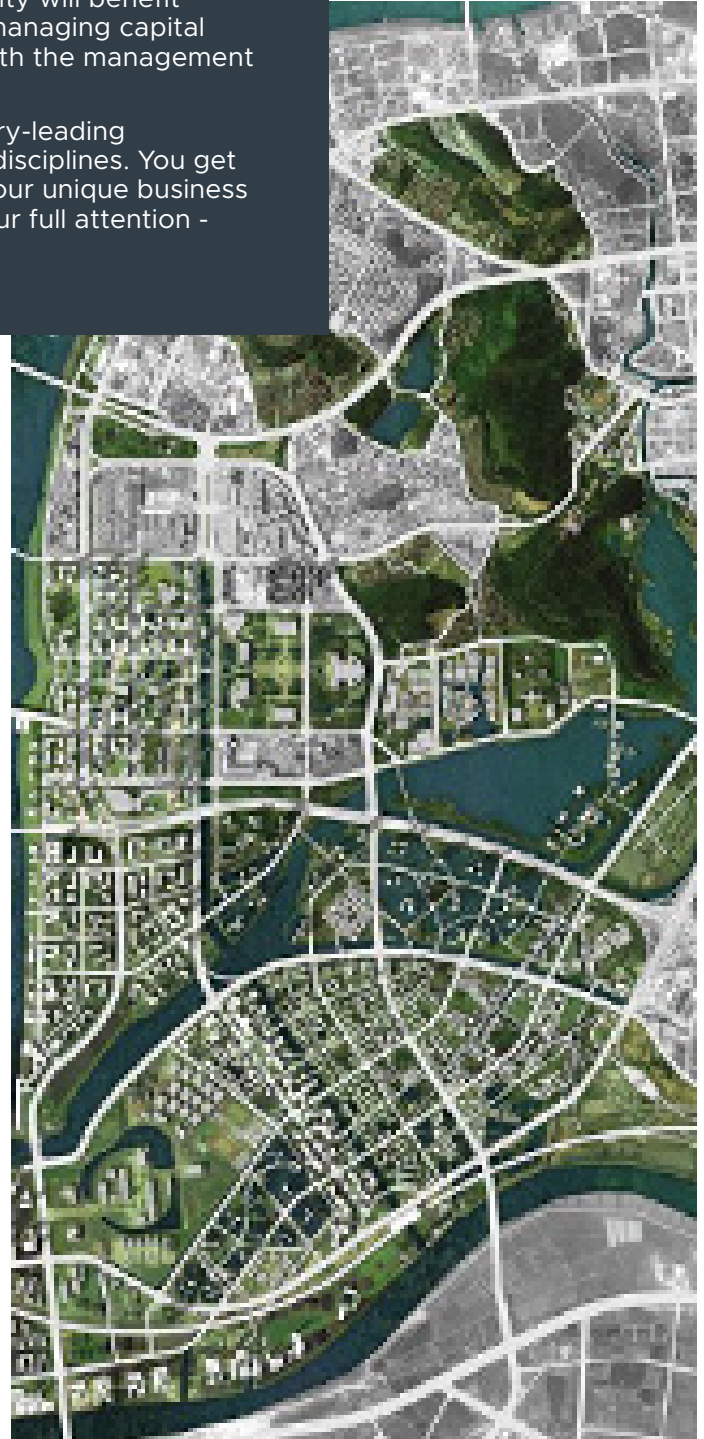
When you work with Atwell, you're working with industry-leading engineers and specialists whose skills cross a range of disciplines. You get real-world, sustainable solutions that meet or exceed your unique business and operational objectives. Most importantly, you get our full attention - because you're our top priority.

MUNICIPAL ENGINEERING

- Municipal Engineering Administration/Management
- Capital Improvement Projects and Planning
- Grant Applications and Funding Assistance
- Infrastructure Maintenance and Rehabilitation
- Motor Fuel Tax (MFT) Projects and Documentation
- Pavement Management Studies
- Asset Management Studies
- NPDES Phase II Compliance (MS4 Programs)
- Permitting and Stormwater Compliance
- Preliminary and Final Permit Review
- Subdivision Design and Plat Review
- GIS Services
- Ordinance Development and Update
- Ordinance Compliance Reviews and Studies
- Developer and PUD Agreement Review

PLANNING

- Municipal Planning and Zoning Consulting
- Project, Zoning and Appearance Review
- Ordinance Writing and Updating
- Corridor Studies
- Land Use Planning
- TIF Districts
- Urban Design
- Entitlement Services
- Real Estate Research and Due Diligence
- Litigation Support
- Mapping and GIS Services



ATWELL'S ABILITIES TO PERFORM REQUIRED SERVICES

HELPING WITH COMPLIANCE

The National Pollutant Discharge Elimination System (NPDES) Permit Program regulates discharges into lakes and streams. Atwell understands the importance of developing and managing a program that meets the goals, objectives and budgets of your community while still meeting the minimum requirements of the NPDES program.

Our experienced staff can help you understand when a permit is needed, develop an efficient plan for compliance and provide practical solutions for effective stormwater management. Let our teams tailor a plan that best fits the needs of your community.

SERVICES

- Notice of Intent and Annual Report
- Stormwater Management Program
- DDE Ordinance
- Staff Training
- Water Quality Monitoring
- Public Outreach and Education
- Industrial/Commercial Inspection Program
- Outfall/Detention Basin Inventory and Inspection

REPRESENTATIVE COMMUNITIES

- Arlington Heights
- Deerfield
- Des Plaines
- Lake Zurich
- Lakemoor
- Libertyville Township
- Mount Prospect
- Port Barrington
- Round Lake Beach
- Volo

The water resources team at Atwell can assist your community in obtaining a NPDES permit for stormwater discharges from your municipal separate storm sewer system (MS4).

In addition, our experienced staff can assist with permitting requirements if your community has a Combined Sewer Overflow (CSO).



ATWELL'S ABILITIES TO PERFORM REQUIRED SERVICES



MUNICIPAL ENGINEERING AND PLANNING SERVICES | NORTHEAST, IL

Atwell has been providing municipal engineering and planning services to northeast Illinois municipalities for over 25 years. The Villages of Lake Zurich, Deerfield, Lakemore, Port Barrington, Beach Park, Lindenhurst, Round Lake Beach, Pingree Grove, and Volo are some of the communities that Atwell actively represents as Village Planners and/or Engineers. The following pages highlight our municipal services. Serving as a village engineer requires a diversely qualified full-service team that is dedicated, technically proficient, and knowledgeable to serve as an extension of the Village's staff. The Atwell team strives to provide readily available expertise for both design and review, which is then tailored to fit the particular needs and budget of the community. Atwell's team recognizes that each community has a unique identity and takes pride in successfully completing each project they undertake, no matter how big or small.

Permit Reviews and Regulatory Compliance

Our reviews span all scales, from single family permit lot reviews and inspections for Lake Zurich, to mid-sized redevelopment on the Rollins Road corridor in Round Lake Beach, to large scale commercial developments in Volo. The team prides itself on streamlining the permitting process through open communication during each stage of the process.

In our capacity as village engineers, we also serve as stormwater enforcement officers for a number of communities in the Northeastern Illinois region. The team has a deep understanding of the local ordinances and has established relationships with other regulatory agencies to ensure compliance with county, state and federal requirements.

VILLAGE OF LAKE ZURICH | LAKE ZURICH, IL

Atwell has been the Village Engineer for the Village of Lake Zurich since 2013, a 7-square-mile community of approximately 20,000 residents in Lake County. The Village has a diverse mix of residential, commercial and industrial properties with two IDOT corridors within the Village's limits. Atwell works closely with the Village to provide extensive review services for all projects, from individual single family residential permits to large subdivisions, industrial and commercial developments, and utility and infrastructure improvements. Atwell serves as the Enforcement Officer for the Village, with the responsibility of ensuring compliance with the provisions of the Lake County Watershed Development Ordinance. Atwell's permit reviews address such critical elements as compliance with floodplain requirements, stormwater management, soil erosion and sediment control, geometric design, construction phasing and staging, utility design, and coordination with other regulatory agencies.

Atwell has coordinated closely with the Village to secure grant funding from Lake County SMC for drainage studies and project implementation over the last 8 years for numerous projects that have reduced flooding, improved water quality, enhanced wetlands and riparian corridors, and reduced the erosion from urbanized waterways. These projects have required extensive permitting through Lake County SMC, IDNR-OWR, and the USACE.

Atwell also serves the Village through the development and implementation of capital improvement projects, including the preparation of construction drawings, bidding assistance, construction management, observation services, and project close-out. Atwell manages an annual roadway maintenance and rehabilitation program which utilizes the Motor Fuel Tax funds administered by the Illinois Department of Transportation (IDOT).



ATWELL'S ABILITIES TO PERFORM REQUIRED SERVICES



VILLAGE OF VOLO

Atwell has served as the Village Engineer for the Village of Volo since 2000, and works closely with Village staff to provide services, which include:

- Review of all proposed development and redevelopment, including residential, commercial, and industrial.
- Serving as the Lake County Watershed Development Ordinance Enforcement Officer for stormwater.
- Development and implementation of capital improvement projects, including preparation of construction drawings, bid assistance, construction management and observation services.
- Consultation for conversion from groundwater to Lake Michigan Water.
- Water system modeling.
- Obtaining funding opportunities for public infrastructure improvements.
- MS4 inspections and reporting.

Representative Projects:

- Lake Michigan Water Conversion
- Comprehensive Water System Model and Connection Fee Recommendation
- Remington Pointe North Development Review
- Millennium Trail Design and Construction Management

VILLAGE OF ROUND LAKE BEACH

Atwell has been the Village Engineer for the Village of Round Lake Beach since 2012. The Village has a population of approximately 28,000 and 5.2 square miles of land within its boundaries, with numerous water features weaving throughout. The Village has a combination of residential subdivisions and large commercial corridors. Atwell works closely with the Village to provide extensive review services for all projects, from individual single family residential permits to industrial and commercial developments, redevelopment of vacant or underused parcels, and utility and infrastructure improvements. Atwell serves as the Enforcement Officer for the Village, with the responsibility of ensuring compliance with the provisions of the Lake County Watershed Development Ordinance. Atwell's permit reviews address such critical elements as compliance with floodplain requirements, stormwater management, soil erosion and sediment control, geometric design, construction phasing and staging, utility design, and coordination with other regulatory agencies. Large portions of the Village are located within the floodplain and along floodway corridors, requiring extensive permitting coordination with the USACE and IDNR-OWR.

Atwell also serves the Village through the development and implementation of capital improvement projects, including the preparation of construction drawings, bidding assistance, construction management, observation services, and project close-out. Atwell manages an annual roadway maintenance and rehabilitation program which utilizes the Motor Fuel Tax funds administered by the Illinois Department of Transportation (IDOT).



ATWELL'S ABILITIES TO PERFORM REQUIRED SERVICES

GOOD DATA FROM START TO FINISH

Accurate surveying is the cornerstone of much of our work at Atwell. Our surveying specialists use the latest technologies to capture boundary, topographic and construction survey data and feed it to our in-house teams dealing with survey, design, stormwater and construction related issues. With good baseline data, Atwell teams have what they need to solve problems and make informed decisions at every phase of your project.

The end result: your project moves from preliminary through final design to construction with outstanding results. Our surveying teams have been helping clients avoid obstacles, solve problems and put a solid foundation under their projects for over four decades.

SERVICES

- Boundary and ALTA Surveys
- Topographical Surveys
- Utility Surveys
- Wetland Location Surveys
- Water Resource Surveys
- Centerline Surveys
- Right of Way Surveys
- Route Surveys
- Land Acquisition Surveys
- Oil and Gas Facility Surveys
- Well Site Surveys
- Land Development Surveys
- Property Research
- Subdivision Plats
- Easement Documents
- Dedication Plats
- Construction Staking
- Building/Column Layouts
- Well Pad Staking
- Pipeline Staking
- As-Built Surveys
- Record Drawings



ATWELL'S ABILITIES TO PERFORM REQUIRED SERVICES

BIG RISK, EASY CHOICE

Every construction project is different, but one thing they have in common is that surprises are usually costly. Atwell has been providing construction management services to its clients for over 40 years. Our construction managers have the knowledge and experience that only time in the field can provide, and they can handle a wide range of roles and responsibilities.

The stakes couldn't be higher. That's why Atwell should be involved in your next project.

Some owners seek limited oversight, others want full time observation or hands-on management. We know one-size does not fit all. Our construction management services are built to be flexible. But in each case, we focus on mitigating surprises, maintaining budgets, meeting deadlines and keeping our clients informed every step of the way.

SERVICES

- Contract and Bid Negotiations
- Constructability Review
- Project Budgeting
- Cost Analysis
- Construction Scheduling
- Construction Observation and Guidance
- Construction Staking Coordination
- Municipal Acceptance
- Total Site Coordination
- Dry Utility Installation Coordination
- Roadway Improvements
- Inspection Services
- DECI and NPDES Inspections
- Resident Engineering Services



6 • REFERENCES



REFERENCES

REFERENCE 1

VILLAGE OF LAKE ZURICH

CONTACT

Mike Brown
Public Works Director
mike.brown@lakezurich.org
505 Telser Rd. Lake Zurich, IL 60047
847.540.1696

VILLAGE ENGINEER AND STORMWATER ENFORCEMENT OFFICER

Our responsibilities include day-to-day assistance with engineering matters, development reviews, assisting with the design and administration of capital improvement and maintenance projects, surveying services, and design and inspecting infrastructure projects. Atwell also provides services to ensure MS4 compliance, including water quality sampling, annual inspections, and the annual report submitted to IEPA.

TIMELINE

2013 - Present

REFERENCE 2

VILLAGE OF LAKEMOOR

CONTACT

Todd Weihofen
Village Administrator
todd@lakemoor.net
28581 IL-120, Lakemoor, IL 60051
815.385.1117

VILLAGE ENGINEER AND STORMWATER ENFORCEMENT OFFICER

Our responsibilities include day-to-day assistance with engineering matters, development reviews, assisting with the design and administration of capital improvement and maintenance projects, surveying services, and design and inspecting infrastructure projects. Atwell also provides services to ensure MS4 compliance, including water quality sampling, annual inspections, and the annual report submitted to IEPA.

TIMELINE

2013 - Present

REFERENCE 3

VILLAGE OF ROUND LAKE BEACH

CONTACT

Gilbert Rivera
Community Development Director
grivera@roundlakebeachil.gov
1937 N Municipal, Round Lake Beach
IL 60073
847.270.3089

VILLAGE ENGINEER AND STORMWATER ENFORCEMENT OFFICER

Our responsibilities include day-to-day assistance with engineering matters, development reviews, assisting with the design and administration of capital improvement and maintenance projects, surveying services, and design and inspecting infrastructure projects. Atwell also provides services to ensure MS4 compliance, including water quality sampling, annual inspections, and the annual report submitted to IEPA.

TIMELINE

2012 - Present



REFERENCES

REFERENCE 4

VILLAGE OF VOLO

CONTACT

Mike May

Village Administrator

mmay@villageofvolo.org

500 S. Fish Lake Rd. Volo, IL 60073

847.740.6982

VILLAGE ENGINEER AND STORMWATER ENFORCEMENT OFFICER

Our responsibilities include day-to-day assistance with engineering matters, development reviews, assisting with the design and administration of capital improvement and maintenance projects, surveying services, and design and inspecting infrastructure projects. Atwell also provides services to ensure MS4 compliance, including water quality sampling, annual inspections, and the annual report submitted to IEPA.

TIMELINE

2000 to Present

REFERENCE 5

ELION PARTNERS

CONTACT

Michael Stellino

Sr. Managing Director, Development

mjs@elionpartners.com

3323 NE 163rd St. Suite 600

Miami, FL 33160

305.933.3538

2025 PAVEMENT PRESERVATION PROJECT

Develop a Stormwater Drainage Plan to incorporate a proposed industrial development encompassing a total of 1400 acres in Wilmington, IL. Work included existing conditions flood study and proposed analysis of the relocation of a creek with a tributary area of more than 1 square mile. Services included stormwater engineering, site design, survey, EOPC development, and permitting through local and federal agencies.

TIMELINE

2016 to Present



7 • RATE SCHEDULES



RATE SCHEDULES



Our current hourly rates are as follows:

**SCHEDULE OF TIME
AND MATERIAL RATES FOR 2026**
(Note: Rates for services performed after June 30, 2026 are subject to annual adjustment)

<u>CATEGORY</u>	<u>CURRENT HOURLY RATES</u>
President	\$342.00
Executive VP/Managing Director	\$305.00
Vice President	\$290.00
Operations Manager	\$247.00
Senior Project Manager	\$205.00 - \$280.00
Director/Manager	\$189.00 - \$290.00
Project Manager	\$189.00 - \$210.00
Senior Project Engineer	\$200.00 - \$210.00
Project Engineer	\$168.00 - \$200.00
Senior Design Technician	\$147.00 - \$190.00
Staff Engineer	\$137.00 - \$147.00
Design Technician	\$132.00 - \$147.00
Engineering CADD/G.I.S. Technician	\$105.00 - \$147.00
GIS Manager	\$168.00
GIS Analyst	\$121.00
Senior Planner	\$174.00 - \$226.00
Land Planner/Environmental Planner	\$132.00
Staff Planner	\$116.00 - \$158.00
Landscape Architect	\$142.00 - \$200.00
Landscape Designer/Planner	\$126.00
Senior Construction Manager	\$190.00 - \$210.00
Project Surveyor	\$163.00 - \$185.00
Construction Manager/Coordinator	\$147.00 - \$170.00
Construction Inspector	\$105.00 - \$126.00
Field & Safety Manager/Field & Technology Manager	\$142.00 - \$190.00
Field Operations Manager	\$153.00
Staff Surveyor	\$147.00 - \$160.00
Survey/Construction Technician	\$132.00
High-Definition Scanning Technician	\$142.00
High-Definition Scanner	\$105.00
Unmanned Aerial Vehicle (UAV)	\$63.00
UAV Technician	\$158.00
1-Person Crew	\$184.00
2-Person Crew	\$237.00
3-Person Crew	\$279.00
Project Coordinator	\$132.00
Administrative Assistant	\$100.00
Intern	\$80.00
Nighttime Meeting Attendance (after 6 PM)	
V.P., Principal, Operations Manager	\$350.00
Senior Project Mgr., Director, Project Mgr.	\$300.00
Expert Testimony & Depositions	\$350.00

REIMBURSABLES

Mileage	IRS Rate
Printing – Paper (in-house)	\$0.15/sf
Printing – Vellum (in-house)	\$1.75/sf
Printing – Mylar, Film, (in-house)	\$2.50/sf



RATE SCHEDULES



Highland Engineering, P.C. Rate Schedule

Hourly Engineering fees are as follows*:

<u>Classification</u>	<u>Rate</u>
Principal	\$ 210.00 per hour
Senior Licensed Professional/Project Manager	\$ 160.00 per hour
Junior Licensed Professional/Project Manager	\$ 135.00 per hour
Non-Licensed Professional	\$ 85.00 per hour
Technician	\$ 65.00 per hour
Support Staff	\$ 65.00 per hour
Consultants	\$ 1.1 x actual
Equipment Rental	\$ 1.1 x actual
Reimbursable Expenses	\$ 1.1 x actual
Blueprints	\$ 3.00 per sheet
Mileage	\$ 0.72 per mile

* Rates effective January 1, 2026.

* Rates are subject to change.

540 W. Frontage Rd. | Suite 2255 | Northfield, IL 60093
847.639.9000 | Fax: 847.639.9002
www.highlandengineeringpc.com



RATE SCHEDULES

TSC

PERSONNEL

Principals

Michael V. Machalinski, P.E.	Per Hour	\$ 250.00
John T. Massa, P.E.	Per Hour	\$ 250.00
Steven R. Koester, P. E.	Per Hour	\$ 250.00

Geotechnical Engineering

Professional Engineer (P.E.)	Per Hour	\$ 200.00
Graduate Engineer	Per Hour	\$ 170.00
Minimum Report Preparation	Lump Sum	\$ 900.00
Report Preparation	Foot	\$ 10.00

Environmental Services

Department Manager	Per Hour	\$ 200.00
Section Manager , Senior Project Manager	Per Hour	\$ 175.00
Project Manager, Project Geologist, Environmental Specialist	Per Hour	\$ 150.00 ⁽¹⁾
Licensed Asbestos Inspector	Per Hour	\$ 130.00 ⁽¹⁾

⁽¹⁾ The time is portal-to-portal from the office servicing the project. Increase hourly rate by 1.3 for over 8.0 hours per day and Saturday and 1.5 for Sunday work. Holiday work is 2.0 times standard rate. The minimum daily charge is four (4) hours.

Construction Materials Engineering - Private Projects

Professional Engineer, P.E.	Per Hour	\$ 200.00
Graduate Engineer	Per Hour	\$ 170.00
CME Technician (Portland Cement Concrete, Soil, Bituminous, Post-Tension Concrete or Reinforcing Steel Placement)	⁽¹⁾ Per Hour	\$ 125.00
Structural Steel Level II Technician	Per Hour	\$ 140.00
Light Vehicle	Per Trip	\$ 65.00
Pickup Test Cylinders, Grout Prisms , Mortar Cubes ⁽³⁾	Per Trip	\$ 120.00
Pickup Test Beams & Masonry Prims	Per Trip	\$ 160.00
Core Van - 1 Person Crew (Portal to Portal)	Lump Sum	\$1300.00
Core Van - 1 Person Crew (Overtime)	Hour	\$ 240.00

⁽¹⁾ The time is portal-to-portal from the office servicing the project. Increase hourly rate by 1.5 for over 8.0 hours per day or Saturday. Increase hourly rate by 1.7 for Sunday or Holiday work. The minimum trip charge for 0 to 4 hours is four (4) hours and for 4 to 8 hours is eight (8) hours Monday through Friday and eight (8) hours on Saturday and Sunday.

Engineering services for summary report preparation are invoiced at the Graduate Engineers Hourly Rate.

⁽²⁾ Subject to availability and type of project.

⁽³⁾ An additional \$40.00 charge will be added for Pickups of greater than 20 cylinders or Cylinders in Basement or on Elevated Deck.



RATE SCHEDULES

TSC

Construction Materials Engineering - Public Projects (Prevailing Wage)

Professional Engineer, P.E.	Per Hour	\$ 200.00
Graduate Engineer	Per Hour	\$ 170.00
Material Tester I - Local 150 Operating Engineers ⁽¹⁾	Per Hour	\$ 130.00
Material Tester II - Local 150 Operating Engineers ⁽¹⁾	Per Hour	\$ 135.00
IDOT QA/QC Level III	Per Hour	\$ 135.00
Light Vehicle	Per Trip	\$ 65.00
Pickup Test Cylinders, Grout Prisms , Mortar Cubes ⁽³⁾	Per Trip	\$ 120.00
Pickup Test Beams & Masonry Prims	Per Trip	\$ 160.00

⁽¹⁾ The time is portal-to-portal from the office servicing the project. Increase hourly rate by 1.5 for over 8.0 hours per day or Saturday. Increase hourly rate by 1.8 for Sunday or Holiday work. The minimum trip charge for 0 to 4 hours is four (4) hours and for 4 to 8 hours is eight (8) hours Monday through Friday and eight (8) hours on Saturday and Sunday.

Engineering services for summary report preparation are invoiced at the Graduate Engineers Hourly Rate.

⁽²⁾ Subject to availability and type of project.

⁽³⁾ An additional \$60.00 charge will be added for Pickups of greater than 20 cylinders or Cylinders in Basement or on Elevated Deck.

Support Staff

Draftsperson/CADD	Per Hour	\$ 110.00
Administrative Assistant	Per Hour	\$ 80.00
Layout Specialist (Utility Clearance, Obtain special permits etc.)	Per Hour	\$ 125.00
Certified Payroll	Per Week	\$ 80.00

Laboratory Services

All projects that are limited in scope to laboratory testing and reporting are subject to a \$25.00 per invoice minimum, handling/reporting fee.

Transportation

Light Vehicle	Per Trip	\$ 65.00
Light Vehicle over 100 miles round trip	Per Mile	\$ 0.73
Public Transportation	Cost +10%	



RATE SCHEDULES

JHWetco.com, Inc.
Wetland Consulting Services

Professional Consulting Rate Sheet

(Effective January 2026)

Service	Description	Hourly Rate
Joseph Hmieleski Principal Consultant	Wetland delineation, regulatory review, permitting support, agency coordination, field investigations, technical reporting, expert consultation	\$175 / hour
GIS Subconsultant	GIS mapping, spatial analysis, figure preparation, data processing, cartographic support	\$60 / hour

Billing Policies

- Billing is based on actual time expended and recorded in 0.25-hour increments unless otherwise agreed.
- Minimum billing increment is one (1) hour for field services.
- Travel time is billable unless otherwise specified in writing.
- Invoices are issued monthly and are due within 30 days.

Joseph I. Hmieleski, CWS
President
JHWetco.com, Inc.



RATE SCHEDULES



1801 Holste Rd. Northbrook, IL 60062 Phone: 847-579-3090 Fax: 847-724-8212

AEM can provide the following:

- NPDES Sampling & Reporting
\$125/hr project manager & \$65/ reporting
- Water Quality Monitoring & Maintenance
\$125/hr project manager
- “4b” & Natural Areas Monitoring & Management
\$125/hr project manager & \$85/hr field labor



8 • FIRM DIFFERENTIATORS



KEY DIFFERENTIATORS

DIFFERENTIATION #1

The team chosen for SMC boasts engineers that have focused their careers on serving Lake County clients and includes staff members that have been employed by Lake County SMC as both staff members and as consultants. The team currently serves under the SMC general services contract and fully understands SMC procedures and processes. The team is already integrated with staff and the SMC technology, so will seamlessly continue to provide services without any time consuming onboarding. The team has successfully designed and overseen construction of DCEO funded projects as part of the current SMC contract, and is poised to continue this work with a larger support team provided by the Atwell partnership. The team has and will continue to successfully implement local community projects. SMC will be a top priority for the Atwell team, and all staff proposed in Section III of this RFP response have the capacity to start serving SMC immediately.

DIFFERENTIATION #2

Atwell employs six (6) Designated Erosion Control Inspectors, three (3) certified Enforcement Officers, holds a seat on the SMC Technical Advisory Committee, and frequently attends and contributes to SMC workshops, trainings, and events. Our company is very much vested in Lake County and has a long-standing respect for SMC and its mission.

DIFFERENTIATION #3

Many firms create a project team once a project is won by determining what resources (staff engineers,

designers, etc.) are available or underutilized, and then assign those resources to the new project. Atwell's organizational structure is based on Teams. The Atwell Team does not change from project to project, it remains consistent; this consistency results in better communication, better performance, and predictable outcomes. In addition, Atwell has one of the most advanced, industry leading surveying departments in Chicagoland. A better existing conditions survey means fewer issues during permitting, bidding and construction. Our surveyors work hand in hand with our engineering teams and know exactly what is needed to make a project successful from the start.

DIFFERENTIATION #4

Atwell is an Illinois licensed professional design firm and has been a trusted Lake County consulting engineer for over 40 years. The company has grown substantially over the decades thanks to its commitment to quality work and customer service. Those simple and foundational values continue to this day. Atwell's public sector practice started with Lake County communities, and a large majority of our public sector stormwater, utility and roadway projects continue to be in Lake County.

DIFFERENTIATION #5

Atwell has dedicated full time employees to developing and implementing a formal Quality Management Program (QMP). Please see the following page for more on our QMP.



KEY DIFFERENTIATORS



QA/QC PROCESS

Atwell's *Quality Management Program (QMP)* provides a structured and comprehensive approach to ensure high-quality project delivery through well-defined Quality Assurance (QA) and Quality Control (QC) processes. This program is part of Atwell's *Total Quality Management Plan (TQMP)*, which includes policies, tools, and leadership oversight designed to foster accountability, uniformity, and technical excellence across all projects.

QA/QC begins with thorough quality planning and is emphasized at every stage of the project. A kickoff meeting is held at the onset of each project to align the team on objectives and establish quality milestones. During this meeting, the team evaluates core competencies, defines client objectives, identifies design standards, and conducts risk assessments to set the foundation for a successful outcome. If there

are changes in scope, team structure, or project requirements, additional milestone meetings are conducted to reassess and adjust quality measures as needed. Formal quality reviews are integrated into the project schedule at critical milestones, typically at 30% (preliminary plans), 60% (permit set), and 90–100% (construction documents) completion. For non-design and subconsultant deliverables, a minimum of one QA/QC review is conducted prior to client delivery. Each review is performed by at least two approved reviewers, typically the project manager or lead engineer and a secondary reviewer with technical expertise.

Atwell relies on standardized tools and resources to ensure consistency and efficiency in QA/QC processes. *The Project Quality Manual (PQM)* provides detailed *Standard Operating Guidelines (SOGs)* and preparation guides to maintain quality control. *The Best Management Practices (BMP) Manuals* address



KEY DIFFERENTIATORS

quality standards for environmental, natural resources, engineering, planning, surveying, and mapping disciplines. Additionally, the CAD Standards Manual (CSM) governs uniform drafting practices across the organization, ensuring a consistent and professional final product.

The QA/QC process is overseen by the project's Vice President or a designated QA/QC manager, who administers schedules, deliverables, and reviews. They are supported by quality reviewers identified by team directors and approved by the *Quality Leadership Team (QLT)*. The QLT, along with the *Quality Management Council (QMC)*, provides leadership and direction on quality efforts, ensuring policies remain effective and relevant. QA/QC schedules are managed and tracked through in the project schedule, with regular updates provided to the client and project staff to maintain transparency and accountability.

Continuous oversight and improvement are core to Atwell's approach. Quality issues are escalated to directors or the QLT for resolution and analysis, with lessons learned documented to refine future guidelines. The *Audit and Reward* component further reinforces quality compliance by tying QA/QC adherence to bonus evaluations for vice presidents and directors. Independent compliance audits are also conducted to ensure processes are followed, while a "Good Catch" program encourages proactive identification and resolution of potential quality issues, promoting a culture of continuous improvement and excellence.

PROJECT CONTROL

Project control is that element of a project that keeps it on-track, on-time and within budget. Project control begins in the early project stages with planning and ends with a post-implementation review, which is an internal team review of how well each project phase was executed. These reviews are typically conducted by the QA/QC Manager and the Project Manager. A key element in the control and understanding of potential errors, both human and mechanical, is identifying potential "pitfalls" and knowing where they may occur during the project. Thorough work reviews, conducted by our senior staff at key project milestones, must take place.

COST CONTROL & FINANCIAL STABILITY

Our project managers and project controls personnel use a leading global job-costing software (Deltek Vision) to track invoices and purchase orders. Project managers perform weekly reconciliation of their project accounts to ensure accuracy and timeliness of invoicing.

Atwell has not experienced any reductions in insurability or had any insurance payouts for claims within the past five (5) years.

EVERY PROJECT BEGINS WITH COMMUNICATION

Communication by the SMC with Atwell is simplified by having a single point of contact. The single point of contact for this contract will be Jodi McCarthy, PE, CFM, CPESC. You can expect open, honest, and responsive communication from our team. We will never accept an assignment from the SMC unless we can successfully deliver what we have committed to do. One of Jodi's main responsibilities as our project manager will be to monitor our firm's resources and compare them to the SMC's needs. In assessing each task assignment request, Jodi will compare Atwell's workload and existing schedules to the SMC's needs for the task assignment. With the assistance of our team's Vice President, Jim D'Alexander, Jodi will pursue all options for achieving the SMC's schedule. After pursuing all options, we will be upfront and honest with the Council's, if we are unable to meet the required deadline.



We know that to become a trusted partner with the SMC we must maintain open, honest, and responsive communication.



KEY DIFFERENTIATORS

CLIENT COMMUNICATION PROCESS

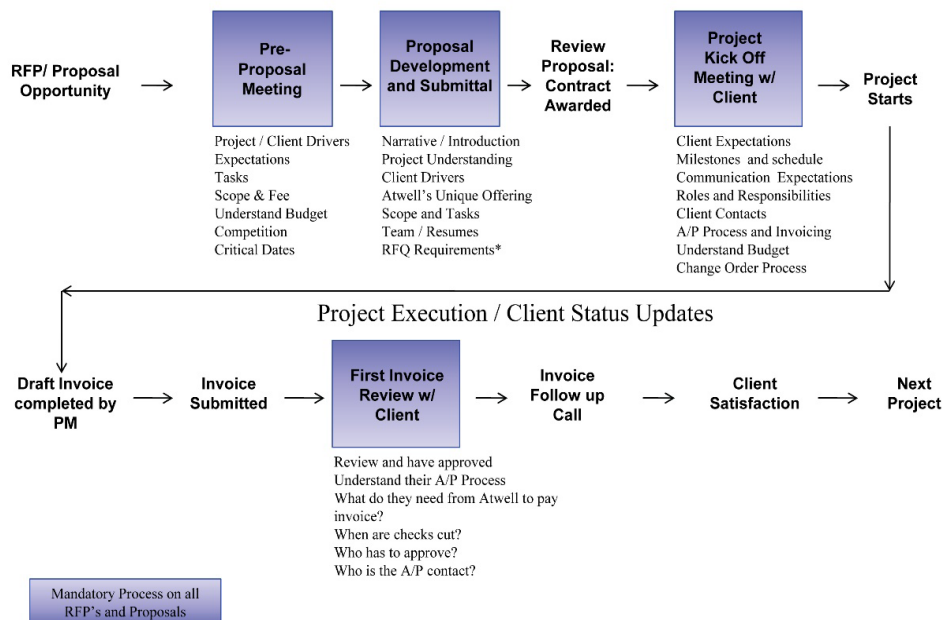
Atwell relies on proactive new client communication efforts, and a “three-deep” approach to service that ensures projects and relationships are started in a transparent, focused environment and maintain open communication if challenges arise or a client does not feel their expectations are being met.

All project managers are trained on Atwell’s *Client Communication Process*, an eight-step diagram that outlines how to engage a potential customer, understand their needs, evaluate the firm’s ability to meet their expectations and governs communication in the first 30 days of the client relationship in areas such as project financials, contracting, project kickoff and team communication.

After the initial period, clients are supported not only by their project manager, but typically by a Client Development Manager and a VP/Principal-in-Charge. While the project manager maintains daily correspondence and management responsibilities, this “three-deep” approach assigns the other two leaders responsibilities related to quality, progress and satisfaction. Through this proven method, clients are comfortable sharing any concerns about manpower, schedules or expectations with one or several of the leaders assigned to their activity.

Weekly operations meetings attended by all three leaders provide the opportunity to share feedback, address necessary modification to the program and adjust any areas that are limiting results for the client. On an annual basis, project leaders schedule quarterly or biannual review meetings to gather feedback, anticipate client staffing/resource needs and pulse how the firm is doing in terms of overall satisfaction, not only with the lead client, but the client team and relevant partners. Annual client satisfaction surveys and internal project audits are tools that have also been used on a team/department basis to support this area.

Client Communication Process Overview



9. APPLICANT AUTHORITY



APPLICANT AUTHORITY

- a) This is to confirm that the signatory making representations in the proposal on behalf of the proposer has the authority to do so and to bind the firm to the contract.
- b) As a professional services firm Atwell maintains professional liability insurance. Please reference our Certificate of Insurance included in our response at the end of the following Insurance and Liability Statements section for our Errors and Omissions (Professional Liability) coverage.
- c) Conflicts of Interest: Atwell provides professional services to clients in both the private and public sector, and are too numerous to include in the RFP. As SMC identifies projects, the Atwell team will promptly disclose working relationships with any community or client that may be involved in the project.



10. INSURANCE & LITIGATION STATEMENTS



INSURANCE AND LITIGATION STATEMENTS

Please reference a copy of Atwell's Certificate of Insurance following this page.

In the last five years, the following professional liability claims have been brought against Atwell:

Kathy M. Leiter, as the executrix of the estate of Patricia Ann Ross, deceased v. Publix Alabama L.L.C., Publix Asset Management Company, Inc., Publix Super Markets Inc., et al., Case No. 25-CV-2024-900337 (filed in Circuit Court of Cullman County, Alabama). An individual named Patricia Ross was struck by a vehicle driven by Janice Lee in a Publix grocery store parking lot. She died from the injuries sustained from the impact. Ms. Ross' estate filed a case against all parties who owned, leased, managed, designed, constructed, inspected, maintained, and/or controlled the store and parking lot. The claim remains in the early stages of litigation.

CMG 9 Tice, LLC v. Atwell, LLC and Banks Engineering, Inc., Case No. 25-CA-721 (Third Party Complaint filed in the Twentieth Judicial Circuit in and for Lee County, FL). Habitat Tice, LLC ("Habitat") filed suit against CMG Tice, LLC ("CMG") related to a deal between the two parties under which CMG was looking to purchase and develop land owned by Habitat. CMG added Atwell in a third-party claim. Atwell has filed a motion to dismiss. The case is ongoing.

Herrington Harbour, Inc. v. Bay Engineering, Inc., Atwell, LLC and Timothy Martin, in the circuit court for Anne Arundel County Case Number C-02-CV-25-002903. A suit was filed against Atwell, LLC, due to the acquisition of Bay Engineering, Inc. ("Bay") alleging professional negligence and breach of contract on a project Bay worked on at the Herrington Harbour South (the "Hotel Complex") following a fire at the complex in 2014. Harrington asserts that the finished floor elevation plan, which was provided by Bay and constructed, caused stormwater drainage issues and an increase in Herrington's flood insurance costs. Atwell is working on an answer and motion to dismiss if early settlement is not an option. The case is ongoing.





CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)

2/21/2025

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 IMA, Inc. - Wichita Division PO Box 2992 Wichita KS 67201		CONTACT NAME: IMA Certificate Team PHONE (A/C, No, Ext): E-MAIL ADDRESS: certificates@imacorp.com		FAX (A/C, No):	
INSURED Atwell, LLC Two Towne Square, Suite 700 Southfield, MI 48076-3737		ATWELLC-02		INSURER(S) AFFORDING COVERAGE	
				NAIC #	
				INSURER A: Old Republic Insurance Company 24147	
				INSURER B: The Continental Insurance Company 35289	
				INSURER C: Underwriters at Lloyd's, London 15642	
				INSURER D: INSURER E: INSURER F:	

COVERAGES

CERTIFICATE NUMBER: 367157958

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 checked="" type="checkbox"/> Contractual <input checked="" type="checkbox"/> XCU GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input checked="" type="checkbox"/> PRO-JECT <input checked="" type="checkbox"/> LOC <input type="checkbox"/> OTHER:			MWZY31246025	3/1/2025	3/1/2026	EACH OCCURRENCE \$ 2,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 500,000 MED EXP (Any one person) \$ 10,000 PERSONAL & ADV INJURY \$ 2,000,000 GENERAL AGGREGATE \$ 4,000,000 PRODUCTS - COMP/OP AGG \$ 4,000,000 Proj/Loc Aggregate \$ 5,000,000
A	AUTOMOBILE LIABILITY <input checked="" type="checkbox"/> ANY AUTO <input type="checkbox"/> OWNED AUTOS ONLY <input type="checkbox"/> SCHEDULED AUTOS <input checked="" type="checkbox"/> HIRED AUTOS ONLY <input checked="" type="checkbox"/> NON-OWNED AUTOS ONLY			MWTB31245925	3/1/2025	3/1/2026	COMBINED SINGLE LIMIT (Ea accident) \$ 2,000,000 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 \$ 0			6011536932	3/1/2025	3/1/2026	EACH OCCURRENCE \$ 10,000,000 AGGREGATE \$ 10,000,000 \$
A	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below	Y/N	N/A	MWC31246125	3/1/2025	3/1/2026	<input checked="" type="checkbox"/> PER STATUTE <input type="checkbox"/> OTH-ER 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/Pollution Liability			B0146LDUSA2505179	3/1/2025	3/1/2026	See Remarks

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

-Professional and Pollution Liability: \$10,000,000 Per Claim; \$10,000,000 Aggregate; \$750,000 Per Claim Retention.

-General Liability Policy does not contain an exclusion for residential construction, condominiums, multi-family or multi-unit dwellings, coverage is subject to the terms and conditions of the policy.

-General Liability policy contains CG 2417 10 01 Contractual Liability - Railroads endorsement and the Automobile Liability contains CA 2070 10 13 Coverage for Certain Operations in Connection with Railroads endorsement.

-Workers Compensation does not include Ohio statutory coverage. Employers Liability limits include Stop Gap Coverage for the State of Ohio, subject to the policy terms and conditions.

CERTIFICATE HOLDER**CANCELLATION**

SAMPLE

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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11. SUBCONSULTANT'S RESUMES



SUBCONSULTANT'S RESUMES



Todd Lesperance, SE, PE

As Owner and President of Highland Engineering, P.C., Mr. Lesperance brings 30 years of experience in the construction industry to the project. He has a history of successful working relationships built on integrity and reliability. He is known for his commitment to teamwork and delivering successful project completions. Mr. Lesperance has experience working on both new construction and rehabilitation projects from preliminary design concepts through completed construction. He has served both public sector and private sector clients working with architects, developers, and owners. Mr. Lesperance also provides forensic engineering services to the legal community and insurance professionals. He provides inspections, review of documents and written opinions to assist the parties involved resolve legal disputes.

Experience:

Highland Engineering, P.C.

Cary, Illinois
April 2002 to Current
President

- > Oversee the development of new business relationships and the retention of existing business relationships.
- > Manage and design a variety of construction projects from design development through construction administration for private and government projects.
- > Supervise and train the technical staff.
- > Perform a variety of forensic engineering investigations and assessments, prepare reports with findings and opinions, arbitrations, and courtroom testimony.

Elgin Community College

Elgin, Illinois
January 2009 to May 2009
Instructor

- > Taught CAD 208 Applied Descriptive Geometry & Statistics course covering the disciplines of statics, dynamics, kinematics, kinetics, mechanisms, and hydraulics.

Alfa Engineering, Ltd.

Elk Grove, Illinois
June 1994 to March 2006
Project Engineer

- > Managed and designed a variety of construction projects ranging from single family homes to mid-rise construction from design development through construction administration.
- > Performed a variety of engineering investigations, from residential to commercial construction.

SUBCONSULTANT'S RESUMES

PROFESSIONAL HISTORY

MICHAEL V. MACHALINSKI, P.E.

**Principal Geotechnical Engineer
Vice President**

PRIMARY RESPONSIBILITIES

Manager Geotechnical Department
Principal Geotechnical Engineer

EDUCATION

M.S. in Civil Engineering, University of Illinois at Champaign-Urbana, 1976
B.S. in Civil Engineering, University of Illinois at Champaign-Urbana, 1975

PROFESSIONAL REGISTRATION

Professional Engineer: Illinois #062-038559, 1979

PROFESSIONAL EXPERIENCE

Testing Service Corporation, Vice President, 1992 - Present
Testing Service Corporation, Principal Geotechnical Engineer, 1989 - 1992
Testing Service Corporation, Senior Engineer, 1987 - 1989
Mirza Engineering, Inc., Senior Engineer, 1982 - 1987
Harding Lawson Associates, Project Engineer, 1979 - 1982
Testing Service Corporation, Staff Engineer, 1976 - 1979

EXPERIENCE HIGHLIGHTS

Mr. Machalinski's responsibilities as Vice President, Manager Geotechnical Department and Principal Geotechnical Engineer include providing direction of soil and groundwater investigations and associated engineering analysis. Typical projects include mid to high-rise building structures, governmental and commercial properties, business park and residential developments, infrastructure improvements, and roadways. He has provided design criteria for drilled pier, pile and mat foundations. He performs engineering analysis for bearing capacity and settlement of heavy structures using Menard Pressuremeter data; stability of cut slopes, new embankments and landfills modeled by computer studies; and hydrologic investigations related to below grade structures and retention ponds. Prior duties as Senior Engineer in the CME Department included review of engineering reports related to construction inspection services. As a Project Engineer, his duties for selected projects have included testing and observation of foundation soils, engineered fill, cast-in-place concrete, structural steel, masonry, roofing materials, sprayed-on-fireproofing, drilled piers and piles. Mr. Machalinski has also performed engineering analysis for pile load tests, underpinning of foundations, cofferdams and settlement monitoring. Early career experience included design of drilled pier, pile and mat foundation systems and cantilever retaining walls under the supervision of a Licensed Structural Engineer. Field supervision has been performed for major drilling projects from Puerto Rico to Alaska. Experience has also been gained in the evaluation of dam sites, geophysical studies, load-testing of steel and concrete structures, and permitting of disposal facilities.

TESTING SERVICE
CORPORATION

SUBCONSULTANT'S RESUMES

PROFESSIONAL HISTORY

TIMOTHY R. PECENIAK, P.E.

**Senior Geotechnical Engineer
Geotechnical Engineering Department**

PRIMARY RESPONSIBILITIES

Project Supervision and Preparation of Geotechnical Reports.

EDUCATION

B.S. in Civil Engineering, University of Illinois, 2003

PROFESSIONAL REGISTRATION

Professional Engineer: Illinois, 2008
Illinois Registration No. 062.061269

PROFESSIONAL EXPERIENCE

Testing Service Corporation, Project Engineer, 2005 - Present
Everest Engineering, Geotechnical Engineer, 2004-2005

EXPERIENCE HIGHLIGHTS

Mr. Peceniak's primary responsibilities includes planning, supervision, analysis and report preparation of geotechnical investigations for roadways, culverts and bridges as well as residential, industrial, commercial and school properties, business parks and wastewater treatment facilities.

Recommendations have included shallow foundations and deep foundation systems such as drilled piers (caissons) and driven piles as well as stone columns. Other responsibilities include global stability of geogrid-reinforced segmental, sheet piling and concrete retaining walls, as well as embankments, cut slopes and earthen embankments modeled by computer studies. His experience includes numerous projects where various types of retaining wall systems were evaluated for a given set of surface and subsurface conditions. He has evaluated pavement conditions and created pavement designs for large commercial and residential roadways.

His early experience as a field/geotechnical engineer included supervision of boring layout, utility clearance and supervision of geotechnical drilling and sampling, testing and observation of foundation soils and engineered fill. This work also included laboratory testing as well as direct supervision of quality control testing for concrete, asphalt and soil.

SELECTED PROJECT EXPERIENCE

Exchange 55 Business Park, Chicago, Illinois: 1M sf Distribution Center, Shallow Foundations and Ground Improvement Techniques.

Houbolt Road Bridge Structure over the Des Plaines River, Joliet, Illinois: Roadway Embankments and Drilled Shaft and/or Piles Socked into Bedrock.

Elgin-O'Hare Western Access, Northlake/Elmhurst, Illinois: Lake Street Bridge Widening over IL-64 and New Retaining Walls. Roadway Reconfiguration, Reconstruction and Widening of County Line Road, IL-64, Lake Street and Connector Roads as well as New SB I-294 Exist Ramp. Plans also Included a New Sign Structure, Glare Screen, Detention Basins, Storm Sewers and Jacking Pits.

CenterPoint Intermodal, Joliet, Illinois: Rail Yard, Bridges/Culverts Pavement Designs and Deep Sewers
Seneca I-80 Railport, Seneca, Illinois: Railport, Warehouse Buildings, Roadways, Detention Basins
Cambridge Lakes North - Active Adult Model Homes, Pingree Grove, Illinois: Residential Development

SUBCONSULTANT'S RESUMES

PROFESSIONAL HISTORY

MEGAN K. CONWAY

Branch Manager, Gurnee
Project Engineer

PRIMARY RESPONSIBILITIES

Preparation of Geotechnical and Construction Materials Engineering and Testing Report

EDUCATION

B.S., Civil Engineering (Geotechnical Engineering and Hydrology), University of Illinois, Champaign/Urbana, Illinois, 2011

Graduate Certificate in Geotechnics, Missouri University of Science and Technology, Rolla, Missouri, 2016

PROFESSIONAL REGISTRATION

Professional Engineer: Illinois #062.067982, exp 11/30/25

Professional Engineer: Wisconsin #45237-6, exp 7/31/26

CERTIFICATIONS

IDOT- Mixture Aggregate Technician, December 2, 2011

IDOT- Aggregate Technician Upgrade, February 21, 2013

IDOT- Nuclear Density Tester, March 6, 2012

IDOT- Hot Mix Asphalt Level I, March 9, 2012

IDOT- Hot Mix Asphalt Level II, April 27, 2012

IDOT- Hot Mix Asphalt Level III, February 1, 2013

IDOT- Portland Cement Concrete Technician Level I, January 27, 2012

IDOT- Portland Cement Concrete Technician Level II, February 24, 2012

IDOT- Portland Cement Concrete Technician Level III, March 20, 2013

IDOT- STTP-S33 Soils field Test and Inspection, December 6, 2012, SN: 2091124

IDOT- Documentation of Contract Quantities, January 24, 2013, CN:13-0208

HAZMAT Training per 49 CFR 172.704(d) November 2, 2016

ACI Concrete Strength Testing Technician, May 29, 2013

ACI Concrete Field Testing Technician - Grade I, February 15, 2019

PROFESSIONAL EXPERIENCE

Testing Service Corporation, Staff Engineer, 2011 - 2019

Testing Service Corporation, Gurnee, IL Branch Manager 2019 - Present

EXPERIENCE HIGHLIGHTS

Ms. Conway's experiences include planning, analysis, and report preparation for geotechnical investigations in northeast Illinois. Recommendations have included shallow footings, mat foundations. She has performed soil surveys and subgrade evaluations. Projects have included hospitals, industrial additions, commercial complexes, schools, housing developments, bridge replacements, and U.S. and State highway and local road improvements in Illinois.

SELECTED PROJECT EXPERIENCE

Kishwaukee Wellness Center, DeKalb, Illinois

Peace Road Widening, DeKalb, Illinois

TESTING SERVICE CORPORATION

SUBCONSULTANT'S RESUMES



JOSEPH HMIELESKI

President

PROFILE

Certified Senior Professional Wetland Scientist (SPWS) with over 30 years of consulting, regulatory and research experience in stormwater management, ecological assessment, and wetland projects including management, regulatory permitting, delineation, and compensatory mitigation in six states throughout the Midwest, mid-Atlantic, and Southeast for both the private and public sectors.

CONTACT

PHONE:
847-648-1924

WEBSITE:
www.jhwetco.com

EMAIL:
jhmieleski@jhwetco.com

ASSOCIATIONS

Society of Wetland Scientists
Wisconsin Wetlands Association
Society for Ecological Restoration
Northern Illinois Food Bank
Moraine Township Volunteer
Children's Place International

EDUCATION //

East Carolina University – M.S. Biology/Ecology

University of Maryland – B.S. Zoology

WORK EXPERIENCE //

JHWetco.com, Inc. President/Owner

2012–Present

Provide consulting expertise in wetland regulations, compliance, on-site wetland delineation, and permitting. Specializing in difficult and complex project types for private and public (Municipalities) clients with jurisdictional determination support, floristic assessments, wetland impact evaluations, mitigation, and restoration of natural and man-made wetlands.

Lake County Stormwater Management Commission

Principal Wetland Specialist

2001–2012

Reviewed and approved wetland delineations, jurisdictional determinations, functional assessment, mitigation design/engineering plan review and compliance monitoring within Lake County, Illinois

Developed and implemented the SMC wetlands program and provided technical assistance to developers, enforcement officers, and elected officials

STS Consultants (Now AECOM) Senior Project Scientist

1997–2001

Managed wetland practice; responsible for all wetland delineations, jurisdictional determinations, functional assessment, Section 404/401 and Section 10 regulatory permitting, mitigation design/engineering plan review/compliance monitoring within Illinois, Michigan, Indiana and Wisconsin

CERTIFICATIONS

Senior Professional Wetland Scientist (Expires 2030)

Chicago Area Wetland Certifications:

Lake County Certified Wetland Specialist (CWS-001; Expires 2026)

Kane County, McHenry County

Former Chair, Highland Park Environmental Commission (2006-2008)

Lifetime Member - Society of Wetland Scientists

SUBCONSULTANT'S RESUMES



1801 Holste Rd. Northbrook, IL 60062 Phone: 847-579-3090 Fax: 847-724-8212

Michael Perkaus, Aquatic Biologist

Michael founded Aquatic Ecosystems Management in 1998 and serves as President of the company. He oversees the operations staff and project management assignments. He also presents at various aquatic and stormwater management industry conferences. He will serve as the lead contact for all NPDES and Water Quality Testing and Reporting projects. He graduated with a Bachelors' Degree in Biology, from Spring Hill College in Mobile, Alabama. His college summers were spent studying Marine Sciences & Ecology at The Alabama Sea Lab, a consortium of colleges and universities in Alabama. There he studied marine sciences; including coastal wetlands, botany, fisheries, and marine ecology.

Matt Rudy, Field Manager & Ecological Consultant

Matt joined AEM in 2005 and is responsible for coordinating and scheduling of monitoring and maintenance services and reviewing project sites for quality control. He completes all environmental consulting and field services, including water & sediment sampling, analysis, and reporting. In addition to his field responsibilities, his people skills allow him to effectively work with both clients and staff. Matt graduated from Trinity International University in 2003 with a BS in Biology. He is an avid fly fisherman and outdoorsman with a passion for the environment.

12. REQUIRED FORMS



General Information Sheet

AUTHORIZED NEGOTIATORS:

Name: Jim D'Alexander Phone # 630.691.8500 Email: jdalexander@atwell.com

Name: Jodi McCarthy Phone # 847.634.5550 Email: jmccarthy@atwell.com

Name: _____ Phone # _____ Email: _____

RECEIPT OF ADDENDA: The receipt of the following addenda is hereby acknowledged:

Addendum No. _____, Dated _____,

Addendum No. _____, Dated _____,

In submitting this statement of interest, it is understood that the SMC reserves the right to reject any or all submittals, to accept an alternate submittal, and to waive any informalities in any submittal.

BUSINESS ORGANIZATION: (check one only)

_____ Sole Proprietor: An individual whose signature is affixed to this proposal.

_____ Partnership: State full names, titles, and addresses of all responsible principals and/or partners on attached sheet.

Corporation: State of Incorporation: Michigan

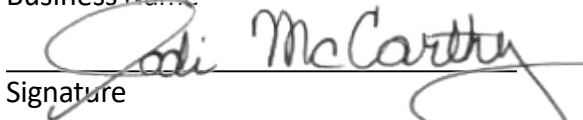
_____ Non-profit Corporation

_____ 501c3-- U.S. Internal Revenue Code

By signing this proposal document, the proposer hereby certifies that it is not barred from bidding on a contract as a result of a violation of either Section 33E-3 or 33E-4 of the Illinois Criminal Code of 1961, as amended.

Atwell, LLC

Business Name


Signature

Jodi McCarthy, PE, CFM, CPESC

Print or Type Name

Associate Director

Title

1/22/2026

Date

References

Provide FIVE (5) references for projects. Municipal and Local Government references are preferred over others. (Attach additional pages as needed)

Entity: Village of Lake Zurich, Illinois
Address: 505 Telser Road
City, State, Zip Code: Lake Zurich, IL 60047
Name of Contact Person: Mike Brown, Public Works Director
Email Address: mike.brown@lakezurich.org
Telephone Number: (847) 540-1696

Description of Services Provided:

Serve as Village Engineer and Stormwater Enforcement Officer. Our responsibilities include day-to-day assistance with engineering matters, development reviews, assisting with the design and administration of capital improvement and maintenance projects, surveying services, and design and inspecting infrastructure projects. Atwell also provides services to ensure MS4 compliance, including water quality sampling, annual inspections, and the annual report submitted to IEPA.

Date of Service: / /2013 To Present / /

Entity: Village of Lakemoor, Illinois
Address: 28581 IL-120
City, State, Zip Code: Lakemoor, IL 60051
Name of Contact Person: Todd Weihofen, Village Administrator
Email Address: todd@lakemoor.net
Telephone Number: (815) 385-1117

Description of Services Provided:

Serve as Village Engineer and Stormwater Enforcement Officer. Our responsibilities include day-to-day assistance with engineering matters, development reviews, assisting with the design and administration of capital improvement and maintenance projects, surveying services, and design and inspecting infrastructure projects. Atwell also provides services to ensure MS4 compliance, including water quality sampling, annual inspections, and the annual report submitted to IEPA.

Date of Service: / /2013 To Present / /

Entity: Village of Round Lake Beach, Illinois
Address: 1937 N Municipal
City, State, Zip Code: Round Lake Beach IL 60073
Name of Contact Person: Gilbert Rivera, Community Development Director
Email Address: grivera@roundlakebeachil.gov
Telephone Number: (847) 270-3089

Description of Services Provided:

Serve as Village Engineer and Stormwater Enforcement Officer. Our responsibilities include day-to-day assistance with engineering matters, development reviews, assisting with the design and administration of capital improvement and maintenance projects, surveying services, and design and inspecting infrastructure projects. Atwell also provides services to ensure MS4 compliance, including water quality sampling, annual inspections, and the annual report submitted to IEPA.

Date of Service: ____/____/2012 To Present ____/____/____

Entity: City of Volo, Illinois
Address: 500 S. Fish Lake Road
City, State, Zip Code: Volo, Illinois, 60073
Name of Contact Person: Mike May, Village Administrator
Email Address: mmay@villageofvolo.org
Telephone Number: (847) 740-6982

Description of Services Provided:
Serve as Village Engineer and Stormwater Enforcement Officer. Our responsibilities include day-to-day assistance with engineering matters, development reviews, assisting with the design and administration of capital improvement and maintenance projects, surveying services, and design and inspecting infrastructure projects. Atwell also provides services to ensure MS4 compliance, including water quality sampling, annual inspections, and the annual report submitted to IEPA.

Date of Service: ____/____/2000 To Present ____/____/____

Entity: Elion Partners
Address: 3323 NE 163rd St Suite 600
City, State, Zip Code: Miami, FL 33160
Name of Contact Person: Michael Stellino, Sr. Managing Director, Development
Email Address: mjs@elionpartners.com
Telephone Number: 305.933.3538

Description of Services Provided:
Develop a Stormwater Drainage Plan to incorporate a proposed industrial development encompassing a total of 1400 acres in Wilmington, IL. Work included existing conditions flood study and proposed analysis of the relocation of a creek with a tributary area of more than 1 square mile. Services included stormwater engineering, site design, survey, EOPC development, and permitting through local and federal agencies.

Date of Service: ____/____/2016 To Present ____/____/____

FIRM QUALIFICATIONS

Name and Address of Office from which this contract will be administered

(ATTACH ADDITIONAL PAGES AS NEEDED)

Entity: Atwell, LLC

Project Manager: Jody McCarthy, PE, CFM, CPESC

Email Address: jmccarthy@atwell.com

Telephone Number: 847-325-7491 (direct)

Address: One Overlook Point, Suite 290

City, State, Zip Code: Lincolnshire, IL 60069

Name of Person authorized to execute agreements: Jim D'Alexander

Email Address: jdalexander@atwell.com

Telephone Number: 630.691.8500

Fax Number: N/A

Years in Business: 17 Number of Employees: 1780

Annual Sales: \$ \$312,000,000 Dunn & Bradstreet #: 961854259

Indicate if firm is a certified M/W/DBE and attach certification: N/A

List employees who will be dedicated to the Project: (Attach additional pages as necessary)

NAME	POSITION TITLE	NUMBER OF YEARS	AREA OF RESPONSIBILITY/TASK EXPERIENCE
<u>Jodi McCarthy, PE, CFM, CPESC</u>	<u>Associate Director</u>	<u>22+</u>	<u>Project Mgr/POC</u>
<u>Diane Bouckaert, PE, CFM, CPESC</u>	<u>Associate Director</u>	<u>30+</u>	<u>Stormwtr Mgmt/General Eng. Svcs. & Regulatory Review</u>
<u>Maureen Egan, PE</u>	<u>Senior Project Manager</u>	<u>23+</u>	<u>Design PM/General Eng. Svcs. & Regulatory Review</u>
<u>Fran Fazio, PE</u>	<u>Senior Project Manager</u>	<u>38+</u>	<u>Sr. PM/General Eng. Svcs. & Regulatory Review</u>
<u>Kevin Shea</u>	<u>Project Manager</u>	<u>11+</u>	<u>Proj. Mgr/General Eng. Svcs. & Regulatory Review</u>

List employees who will be dedicated to the Project: (Attach additional pages as necessary)

NAME	POSITION TITLE	NUMBER OF YEARS	AREA OF RESPONSIBILITY/TASK EXPERIENCE
<u>John Sander, PE</u>	<u>Project Manager</u>	<u>10+</u>	<u>Gen. Eng. Svcs. & Design</u>
<u>Kevin Lill, PE</u>	<u>Project Manager</u>	<u>10+</u>	<u>Roadway Design Engineering</u>
<u>Mike DeNinno</u>	<u>Construction Manager</u>	<u>31+</u>	<u>Lead Construction Mgmt. & Field Observation</u>
<u>Patrick Wendricks</u>	<u>Senior Project Manager</u>	<u>41+</u>	<u>Supporting Construction Mgmt. & Field Observation</u>
<u>Jim Baker, PLS</u>	<u>Senior Project Manager</u>	<u>27+</u>	<u>Survey Lead</u>
<u>William Hupperich, PE</u>	<u>Program Manager</u>	<u>28+</u>	<u>QA/QC Manager</u>



VENDOR DISCLOSURE STATEMENT

Vendor Name:	Atwell, LLC		
Address:	Two Towne Square, Ste. 700, Southfield, MI 48076 (HO) One Overlook Point, Ste. 290, Lincolnshire, IL 60069 (Local)		
Contact Person:	Jodi McCarthy, PE, CFM, CPESC	Contact Phone #:	847-325-7491
Bid/RFP/SOI/Contract/Renewal:	RFP: SMC-2026001		

Vendors wishing to contract with Lake County for goods and services in an amount greater than \$30,000 shall submit this form in advance of award. This disclosure statement is not required for utility companies regulated by the Illinois Commerce Commission or local units of government. Vendors shall disclose:

- A familial relationship between a Lake County elected official, department director, deputy director and manager and owners, principals, executives, officers, account managers or other similar managerial positions of the vendor’s company. Familial relationship is defined as a spouse (including civil partner), child, stepchild, parent, stepparent, grandparent, in-laws (including parent, grandparent, sibling, or child), relatives and non-relatives living in the same residence, and offspring born to any aforementioned person.
- All political campaign contributions made by the vendor or an owner, principal, executive, officer, account manager, or other similar managerial position of the vendor to any county board member, county board chair, or countywide elected official within the last five years.

If there is nothing to report in a section, please state none in the appropriate space.

FAMILIAL RELATIONSHIPS

List names and departments/agencies of Lake County employees or public officials with whom owners, principals, or officers of the vendor’s company have a familial relationship and the nature of the relationship. Attach additional pages, as necessary. (Provide all names or state none in the space below. Do not leave blank.)

Name and Department/Agency of Lake County Employee/Public Official	Familial Relationship
None	

CAMPAIGN CONTRIBUTIONS

List campaign contributions that have been made within the last five years that exceed \$150 annually. Attach additional pages, as necessary. (Provide all names or state none in the space below. Do not leave blank.)

Recipient	Donor	Description (e.g., cash, type of item, in-kind service, etc.)	Amount/Value	Date Made
None				

Continuing disclosure is required if information changes. This Vendor Disclosure Statement form is available at www.lakecountyil.gov. The full text of the County’s Ethics and Procurement policies and ordinances are available at www.lakecountyil.gov.

I hereby acknowledge that the information above is accurate and complete, that I am an authorized signer on behalf of the vendor, that I have read and understand these disclosure requirements, and that I agree to update this information if there are any related changes by submitting a new Vendor Disclosure Statement.

Authorized Signature:		Title:	Associate Director
Printed Name:	Jodi McCarthy, PE, CFM, CPESC	Date:	January 22, 2026

Vendors must insert “x” in the following box indicating exception and provide a brief narrative for exception.



VENDOR DISCLOSURE STATEMENT

Vendor Name:	Highland Engineering, PC		
Address:	540 W. Frontage Rd. Ste 2255, Northfield, IL 60093		
Contact Person:	Todd Lesperance	Contact Phone #:	847/639-9000 x211
Bid/RFP/SOI/Contract/Renewal:	RFP: SMC-2026001		

Vendors wishing to contract with Lake County for goods and services in an amount greater than \$30,000 shall submit this form in advance of award. This disclosure statement is not required for utility companies regulated by the Illinois Commerce Commission or local units of government. Vendors shall disclose:

- A familial relationship between a Lake County elected official, department director, deputy director and manager and owners, principals, executives, officers, account managers or other similar managerial positions of the vendor's company. Familial relationship is defined as a spouse (including civil partner), child, stepchild, parent, stepparent, grandparent, in-laws (including parent, grandparent, sibling, or child), relatives and non-relatives living in the same residence, and offspring born to any aforementioned person.
- All political campaign contributions made by the vendor or an owner, principal, executive, officer, account manager, or other similar managerial position of the vendor to any county board member, county board chair, or countywide elected official within the last five years.

If there is nothing to report in a section, please state none in the appropriate space.

FAMILIAL RELATIONSHIPS

List names and departments/agencies of Lake County employees or public officials with whom owners, principals, or officers of the vendor's company have a familial relationship and the nature of the relationship. Attach additional pages, as necessary. (Provide all names or state none in the space below. Do not leave blank.)

Name and Department/Agency of Lake County Employee/Public Official	Familial Relationship
N/A	N/A

CAMPAIGN CONTRIBUTIONS

List campaign contributions that have been made within the last five years that exceed \$150 annually. Attach additional pages, as necessary. (Provide all names or state none in the space below. Do not leave blank.)

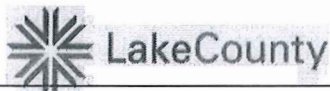
Recipient	Donor	Description (e.g., cash, type of item, in-kind service, etc.)	Amount/Value	Date Made
N/A	N/A	N/A	N/A	N/A

Continuing disclosure is required if information changes. This Vendor Disclosure Statement form is available at www.lakecountyil.gov. The full text of the County's Ethics and Procurement policies and ordinances are available at www.lakecountyil.gov.

I hereby acknowledge that the information above is accurate and complete, that I am an authorized signer on behalf of the vendor, that I have read and understand these disclosure requirements, and that I agree to update this information if there are any related changes by submitting a new Vendor Disclosure Statement.

Authorized Signature:	Todd Lesperance	Title:	President
Printed Name:	Todd Lesperance	Date:	1/23/26

Vendors must insert "x" in the following box indicating exception and provide a brief narrative for exception.



VENDOR DISCLOSURE STATEMENT

Table with vendor information: Vendor Name: Testing Service Corporation, Address: 360 South Main Place, Carfol Stream, IL, Contact Person: Mike Machalinski, Contact Phone #: 630-784-4086, Bid/RFP/SOI/Contract/Renewal: RFP: SMC-2026001

Vendors wishing to contract with Lake County for goods and services in an amount greater than \$30,000 shall submit this form in advance of award. This disclosure statement is not required for utility companies regulated by the Illinois Commerce Commission or local units of government. Vendors shall disclose:

- A familial relationship between a Lake County elected official, department director, deputy director and manager and owners, principals, executives, officers, account managers or other similar managerial positions of the vendor's company.
- All political campaign contributions made by the vendor or an owner, principal, executive, officer, account manager, or other similar managerial position of the vendor to any county board member, county board chair, or countywide elected official within the last five years.

If there is nothing to report in a section, please state none in the appropriate space.

FAMILIAL RELATIONSHIPS NA

List names and departments/agencies of Lake County employees or public officials with whom owners, principals, or officers of the vendor's company have a familial relationship and the nature of the relationship. Attach additional pages, as necessary. (Provide all names or state none in the space below. Do not leave blank.)

Table with 2 columns: Name and Department/Agency of Lake County Employee/Public Official, Familial Relationship

CAMPAIGN CONTRIBUTIONS NA

List campaign contributions that have been made within the last five years that exceed \$150 annually. Attach additional pages, as necessary. (Provide all names or state none in the space below. Do not leave blank.)

Table with 5 columns: Recipient, Donor, Description (e.g., cash, type of item, in-kind service, etc.), Amount/Value, Date Made

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Table with signature information: Authorized Signature: [Signature], Title: President, Printed Name: John Massa, Date: 1/22/2026

Vendors must insert "x" in the following box indicating exception and provide a brief narrative for exception. []



VENDOR DISCLOSURE STATEMENT

Vendor Name:	JHWetco.com, Inc.		
Address:	1924 Elmwood Drive, Highland Park, IL 60035		
Contact Person:	Joseph Hmieleski	Contact Phone #:	847-648-1924
Bid/RFP/SOI/Contract/Renewal:	RFP: SMC-2026001		

Vendors wishing to contract with Lake County for goods and services in an amount greater than \$30,000 shall submit this form in advance of award. This disclosure statement is not required for utility companies regulated by the Illinois Commerce Commission or local units of government. Vendors shall disclose:

- A familial relationship between a Lake County elected official, department director, deputy director and manager and owners, principals, executives, officers, account managers or other similar managerial positions of the vendor’s company. Familial relationship is defined as a spouse (including civil partner), child, stepchild, parent, stepparent, grandparent, in-laws (including parent, grandparent, sibling, or child), relatives and non-relatives living in the same residence, and offspring born to any aforementioned person.
- All political campaign contributions made by the vendor or an owner, principal, executive, officer, account manager, or other similar managerial position of the vendor to any county board member, county board chair, or countywide elected official within the last five years.

If there is nothing to report in a section, please state none in the appropriate space.

FAMILIAL RELATIONSHIPS

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Name and Department/Agency of Lake County Employee/Public Official	Familial Relationship
None	

CAMPAIGN CONTRIBUTIONS

List campaign contributions that have been made within the last five years that exceed \$150 annually. Attach additional pages, as necessary. (Provide all names or state none in the space below. Do not leave blank.)

Recipient	Donor	Description (e.g., cash, type of item, in-kind service, etc.)	Amount/Value	Date Made
None				

Continuing disclosure is required if information changes. This Vendor Disclosure Statement form is available at www.lakecountyil.gov. The full text of the County’s Ethics and Procurement policies and ordinances are available at www.lakecountyil.gov.

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Authorized Signature:		Title:	President
Printed Name:	Joseph I. Hmieleski	Date:	1/22/2026

Vendors must insert “x” in the following box indicating exception and provide a brief narrative for exception.



VENDOR DISCLOSURE STATEMENT

Vendor Name:	Aquatic Ecosystems Management		
Address:	1801 Holste Rd. Northbrook, IL 60062		
Contact Person:	Michael Perkaus	Contact Phone #:	847-579-3090
Bid/RFP/SOI/Contract/Renewal:	RFP: SMC-2026001		

Vendors wishing to contract with Lake County for goods and services in an amount greater than \$30,000 shall submit this form in advance of award. This disclosure statement is not required for utility companies regulated by the Illinois Commerce Commission or local units of government. Vendors shall disclose:

- A familial relationship between a Lake County elected official, department director, deputy director and manager and owners, principals, executives, officers, account managers or other similar managerial positions of the vendor’s company. Familial relationship is defined as a spouse (including civil partner), child, stepchild, parent, stepparent, grandparent, in-laws (including parent, grandparent, sibling, or child), relatives and non-relatives living in the same residence, and offspring born to any aforementioned person.
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Name and Department/Agency of Lake County Employee/Public Official	Familial Relationship
None	

CAMPAIGN CONTRIBUTIONS

List campaign contributions that have been made within the last five years that exceed \$150 annually. Attach additional pages, as necessary. (Provide all names or state none in the space below. Do not leave blank.)

Recipient	Donor	Description (e.g., cash, type of item, in-kind service, etc.)	Amount/Value	Date Made
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Continuing disclosure is required if information changes. This Vendor Disclosure Statement form is available at www.lakecountyil.gov. The full text of the County’s Ethics and Procurement policies and ordinances are available at www.lakecountyil.gov.

I hereby acknowledge that the information above is accurate and complete, that I am an authorized signer on behalf of the vendor, that I have read and understand these disclosure requirements, and that I agree to update this information if there are any related changes by submitting a new Vendor Disclosure Statement.

Authorized Signature:	<i>Michael Perkaus</i>	Title:	President
Printed Name:	Michael Perkaus	Date:	1/26/2026

Vendors must insert “x” in the following box indicating exception and provide a brief narrative for exception.



ATWELL

STRATEGIC
CONSTRUCTION SOLUTIONS



IRVI

CORPORATE ESG STATEMENT

CORPORATE SUSTAINABILITY

Corporate sustainability is embedded in how we conduct our business nationwide. The Atwell Family of Companies is committed to positively impacting the communities and environments in which we work, live, and play through our Environmental, Social, and Governance (ESG) initiatives. Our ESG efforts are guided by our core values of innovation, integrity, and sustainability, and Atwell has a dedicated panel that is committed to driving our ESG efforts forward with the support of executive leadership. We recognize Atwell’s long-term societal and environmental impacts and incorporate them into our strategic planning and risk management processes. Our company has identified several ESG topics of significant importance across the organization.

ETHICAL BUSINESS PRACTICES

Atwell is committed to high ethical, moral, and legal business conduct standards. We promote and support an open-door policy by encouraging any employee who has a question regarding ethics, behavior, or expectations to discuss concerns with any member of the management team, Human Resources, or Risk Management.

We believe that effective leadership includes attentiveness to clients and staff alike. Through professional integrity, Atwell mitigates risk, manages client relations, and protects data privacy. Ethical business practices are supported through investments in compliance training, quality management programs, and extensive cyber security policies.

PROFESSIONAL DEVELOPMENT AND EMPLOYEE ENGAGEMENT

We are dedicated to supporting the next generation of leaders and promoting education through various platforms, including a comprehensive Learning Management System that empowers employees to collaborate and share resources. Our firm supports educational initiatives such as mentorship programs, internships, and scholarships to empower STEM professionals and equip them with the skills and knowledge needed to succeed.

As part of our DEI+B efforts, Atwell has formed six Employee Resource Groups (ERGs) that give our employees a platform to provide a collective voice around shared issues and concerns. These ERGs promote a respectful workplace that strengthens internal stakeholder relationships through connection and value creation. We celebrate diversity and are committed to creating an inclusive environment where team members can bring their authentic selves to work.

ENVIRONMENTAL STEWARDSHIP

We are committed to reducing our environmental impact and promoting sustainable practices. Through initiatives such as energy conservation, waste reduction, and eco-friendly design solutions, we aim to minimize our carbon footprint and preserve natural resources for future generations. Atwell has launched several initiatives to reduce our carbon footprint, including implementing a reduced idling plan amongst our fleet and are pursuing partnerships with lease managers to use renewable energy sources to power office spaces.

Atwell is committed to being a responsible corporate citizen and driving positive change in the world. Through regular monitoring, evaluation, and stakeholder engagement, we seek feedback and strive to enhance the effectiveness and impact of our initiatives. We will continue to adapt our program and face social and environmental challenges with innovative solutions.

ENVIRONMENTAL, SOCIAL & GOVERNANCE PRACTICES

2024



CORPORATE SOCIAL RESPONSIBILITY STATEMENT

The Atwell Family of Companies is committed to making a positive impact on the community and the environment through our Environmental, Social, and Governance initiatives. As a leading engineering consulting firm, we recognize our responsibility to contribute to the well-being of the communities in which we operate and to minimize our environmental footprint. Our ESG efforts are guided by our core values of innovation, integrity, and sustainability. Atwell has dedicated an ESG panel committed to driving our ESG efforts forward, with the support of executive leadership.

Community Engagement

We believe in giving back to the communities that support us. Through volunteer programs, partnerships with local organizations, and the Atwell Gives program, we strive to address the needs of underserved communities and promote economic development and social inclusion.

Professional Development

We are dedicated to supporting the next generation of leaders and promoting education through various platforms such as LinkedIn Learning, Pinnacle, and a Lunch and Learn program for the entire company. Our firm supports educational initiatives such as mentorship programs, internships, and scholarships to empower aspiring STEM professionals and equip them with the skills and knowledge needed to succeed. We are also launching a new comprehensive Learning Management System that empowers employees to collaborate with experts within the company and share resources internally through a single platform.

Environmental Stewardship

We are committed to reducing our environmental impact and promoting sustainable practices. Through initiatives such as energy conservation, waste reduction, and eco-friendly design solutions, we aim to minimize our carbon footprint and preserve natural resources for future generations. Atwell has documented plans to launch several initiatives to reduce our carbon footprint, including implementing a reduced idling plan amongst our fleet, increased use of virtual meeting platforms to reduce corporate travel, and partnership with lease managers to use renewable energy sources to power office spaces or support their sustainability plans.

Ethical Business Practices

Integrity is at the heart of everything we do. We uphold the highest ethical standards in our business operations, maintaining transparency, fairness, and accountability in all our dealings. We prioritize diversity, equity, and inclusion, fostering a workplace culture where everyone is valued and respected. Atwell prioritizes quality in all its efforts. Our Quality Management Program outlines internal processes and policies allowing us to efficiently deliver consistent, technically sound products and services to our clients.

Employee Engagement

We are dedicated to continuous improvement. The creation of our Employee Resource Groups (ERGs) gives our employees a platform to provide a collective voice around shared issues or concerns. ERGs complement our DEI+B efforts to promote a respectful workplace that strengthens internal stakeholder relationships through connection and value creation.

Atwell is committed to being a responsible corporate citizen and driving positive change in the world. Through regular monitoring, evaluation, and stakeholder engagement, we seek feedback and strive to enhance the effectiveness and impact of our initiatives. We will continue to adapt our program and respond to emerging social and environmental challenges with innovative solutions.

ENVIRONMENTAL

Professional environmental, natural resources, and land use practice

Atwell has a rich history of environmental and natural resources work and embraces sustainability and low-impact land development. Atwell's sustainable, low-impact design services focus on resource efficiency, energy efficiency, water conservation, environmental quality, and life cycle impacts through collaborative design strategies in order to increase the quality of created places. These strategies apply to all landscapes, no matter how large and natural, or small and urban.

Atwell promotes and rewards LEED accreditation (Leadership in Energy and Environmental Design) which is an ecology-oriented building certification program managed by the U.S. Green Building Council (USGBC). With several LEED trained and accredited professionals on staff, Atwell incorporates sustainable land use design in projects around the country.

Atwell has been involved in projects from small, site-specific construction projects to large, regional plans. Either as a lead consultant or a support resource for multidisciplinary teams, Atwell strives to provide its clients with opportunities to find ecological balance, cultural and social equity and conservation of both economic and environmental resources.

From site selection through post-construction compliance, Atwell's ecologists and biologists pursue clients' project objectives with the environment in mind. They work alongside engineers and contractors to alert clients to potential environmental disturbances and their impact on project feasibility, scope and schedule. Aggressive design, permitting and mitigation strategies are employed to maximize land use and minimize threats to regional species, watersheds and ecosystems.



Atwell's ecologists and biologists pursue clients' project objectives with the environment in mind.

ENVIRONMENTAL

Carbon reduction/GHG emissions

The main human activity that emits carbon dioxide is the combustion of fossil fuels through activities such as transportation, electricity and industry.

Atwell is committed to reducing our carbon emissions and has implemented technology to measure, track and create attainable goals. A plan to reduce idling amongst our fleet has already gone into effect with results proving a reduction in carbon emissions for Atwell. Other initiatives such as partnerships with lease managers to utilize renewable energy in our offices when possible, utilization of digital business cards to reduce unnecessary waste, and incorporation of digital meeting platforms to reduce corporate travel are also in effect now.

GHG emissions reduction improves corporate performance. By reducing carbon emissions, organizations can improve their reputation and brand value by demonstrating their commitment to sustainability, reduce operational costs by implementing energy efficient practices and reducing waste.



SOCIAL

Diversity, equity and inclusion



Atwell Family of Companies is comprised of individuals with a unique set of strengths, goals and passions. We celebrate diversity and are committed to creating an inclusive environment where team members can bring their authentic self to work. We are dedicated to creating a culture of kindness, where employees embrace their differences and come together for a collective impact.

Every month, committee member meet to discuss the advancement of our programs initiatives and the DEI+B Executive Committee makes a plan of action to implement new programs according to committee perspective/ideas.

Employee Resource Groups (ERGS):



GOVERNANCE

Atwell values, ethics, and code of conduct

Atwell Ethics & Code of Conduct

Atwell is committed to high standards of ethical, moral, and legal business conduct. Accordingly, the organization promotes and supports an open-door policy and encourages any employee who has a question regarding ethics, behavior, or expectations to avail themselves of this policy and make a written report to any member of the management team, Human Resources, or Risk Management.

As a team member, employees are expected to accept certain responsibilities, follow acceptable business principles in matters of conduct, and exhibit a high degree of integrity at all times. This not only involves sincere respect for the rights and feelings of others, but also demands that employees refrain from any behavior that might be harmful to themselves, co-workers, the organization, or that might be viewed unfavorably by current or potential clients or by the public at large. Employee conduct reflects on Atwell as much as it reflects on our representation of our clients.

There is a tremendous sense of responsibility in the role of overseeing both clients of the firm and the people who serve them. Effective leadership includes being attentive to clients and staff alike. Through professional integrity Atwell mitigates risk, manages client relations, and protects data privacy. Corporate Governance is supported through investments in compliance trainings, quality management programs and extensive cyber security. Atwell Leadership is committed to supporting Disadvantaged Business Enterprises and condemning the use of forced labor.



ATWELL VALUES

- 01 Always do the right thing.
- 02 Pursue continuous improvement.
- 03 Be bold. Be creative. Be unafraid to try.
- 04 Be passionate in everything we do.
- 05 Do work that makes us proud.
- 06 Be the employer of choice within the markets we serve.
- 07 Be committed to a standard of health and safety excellence.
- 08 Serve as an advisor to our clients to help them make better decisions.