ENGINEERING
  Structural
  Transportation
  Water/Wastewater
  Civil Site Design

ARCHITECTURE

LAND SURVEYING
Willett Hofmann & Associates, Inc. is dedicated to serve our clients Ethically, Responsively, and Professionally with highly trained and skilled staff.

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Founded 1935
Willett, Hofmann & Associates, Inc. (WHA) is a multi-discipline, professional organization unique in its capabilities and credibility that is licensed to provide professional civil engineering, structural engineering, architecture, and professional land surveying services. WHA has been providing professional design and land surveying services to municipalities, townships, counties, state agencies and private enterprises for over 80 years. We have a talented and diversified staff of more than 50 full-time employees who are experienced and qualified to provide an extensive range of professional services, including structural engineering, transportation engineering, water/wastewater engineering, agricultural engineering, civil site design, architectural design, land surveying services, and construction services for all our areas of expertise.

Willett, Hofmann & Associates, Inc. is owned solely by licensed professionals on staff and therefore our clients frequently work directly with an owner of the company. We are dedicated to serving our clients Ethically, Responsively and Professionally with highly trained and skilled staff. This innate organizational philosophy has fostered numerous long-standing clients, some of whom we have been serving for over 80 years.

Willett, Hofmann & Associates, Inc. is poised, capable and qualified to provide our clients a single source for a wide variety of professional design and land surveying services.

PROFESSIONAL STAFF:

19 Licensed Professional Engineers
   (IL, WI, IA, MO, AR, LA, MS, OK, TX, IN)
4 Licensed Structural Engineers (IL)
4 Licensed Professional Land Surveyors
   (IL, WI, IA)
2 Licensed Architects (IL, WI, IA)
2 Leadership in Energy and Environmental Design Accredited Professionals (LEED AP BD+C)
1 Licensed Class A Water Operator (IL)
1 Licensed Class I Wastewater Operator (IL)
4 Certified Bridge Program Managers (IL, WI, IA)
4 Certified Bridge Team Leaders (IL, WI, IA)
1 Certified Professional Traffic Operations Engineer (PTOE)
The Willett, Hofmann & Associates, Inc. Structural Engineering Department provides structural engineering services for new construction, rehabilitation and restoration of highway and railroad bridges; new construction, renovation and additions for building structural systems; existing structure evaluation reports and load rating analysis for both bridges and buildings; and construction engineering for projects of various sizes and complexities.

Our bridge structural engineering capabilities and experience encompass all phases of bridge design, including preliminary studies, hydraulic studies, and plans and specifications for a variety of bridge types. Our Structural Engineering Department staff also provides bridge construction engineering services which include the design of cofferdams, formwork, erection plans and demolition plans. Because of our long association with the Illinois Department of Transportation and other governmental agencies, WHA is well versed in the review and approval processes required for highway bridge projects. Our successfully completed projects include Major Bridge Funds, STR & STU Bridge Program Funds, Motor Fuel Tax Funds and Township Bridge Program Funds. In addition to licensed structural engineers, WHA staff includes certified Bridge Program Managers and Team Leaders qualified to perform bridge inspections per the National Bridge Inspection Standards of the Code of Federal Regulations.

Our building structural engineering capabilities and experience include foundation systems, wall systems, floor systems, roof systems and equipment support structures for a variety of building types and complexities.

Our Structural Engineering Department staff is equipped with Building Information Modeling (BIM) software and is experienced in the design of a variety of structural materials and types of building structural systems.

**STRUCTURAL ENGINEERING SERVICES:**
- Bridge Design
- Bridge Ratings
- Bridge Rehabilitation
- Bridge Inspection
- Bridge Construction Systems Design
- Hydraulic Reports
- Building Design
- Building Evaluation
- Foundations
- Concrete Slabs-on-Grade
- Concrete Structures (Cast-in-Place and Precast)
- Water/Wastewater Structures
- Agricultural Structures
- Structural Steel Systems
- Timber Structures
- Roof Framing
- Retaining Walls
- Existing Structure Evaluation
- Construction Engineering
The Willett, Hofmann & Associates, Inc. Transportation Engineering Department provides engineering services for design, construction, and maintenance of streets and alleys, rural and major highways, recreational paths, traffic signals, and street lighting, as well as intersection design studies, storm sewer analysis, and storm water management facilities for projects of various sizes and complexities.

The WHA Transportation Engineering Department has a knowledgeable and experienced staff of engineers, technicians and construction inspectors. Our experience includes planning, preparing and executing maintenance programs for municipal and governmental clients to preserve their existing streets and highways. We also have a vast project history in major reconstruction and new construction projects. We understand federal, state, and local design standards and permitting requirements and are experienced in working with various forms of project funding including Motor Fuel Tax Projects and Federal Aid Projects.

**TRANSPORTATION ENGINEERING SERVICES:**
- Roads, Streets & Highways
- Parking Lots
- Intersection Design Studies
- Traffic Capacity Analysis
- Traffic Signals
- Roadway & Pavement Maintenance
- Street Lighting
- Recreational Paths
- Boat Ramps & Docks
- Storm Water Management
- Drainage Studies
- Detention Basins
- Administration of Motor Fuel Tax Funds (MFT)
- Administration of Federal Aid Projects
- Construction Engineering
The Willett, Hofmann & Associates, Inc. Water/Wastewater Engineering Department provides professional engineering services for the design of potable water systems and wastewater collection and treatment systems for projects of various sizes and complexities. Our design solutions strive to address the cost effectiveness and ease of operation and maintenance for each project undertaken.

The WHA Water/Wastewater Engineering Department staff is experienced in the design of municipal and private water systems including wells and pumps, water storage facilities, water distribution systems, water treatment facilities and water system controls.

The WHA Water/Wastewater Engineering Department staff is also experienced in the design of upgrades to, and new construction of, wastewater treatment plants, lift stations, force mains and sanitary sewer systems.

Our water/wastewater staff routinely provides our clients with a full range of project management services, including project report preparation, water and sewer rate studies, preparation of permit applications, facility planning reports, sanitary sewer infiltration/inflow analysis and construction engineering. Our water/wastewater staff is experienced in grant and loan application preparation and administration for project funding from various state and federal agencies.

**WATER ENGINEERING SERVICES:**
- Wells and Well Pumps
- Ground Level and Elevated Water Storage Tanks
- Well Buildings, Water Distribution Systems
- Water Treatment Facilities
- Water System Controls (SCADA)
- Fire Flow Analysis
- Water System Flow Networking Analysis
- Water System Comprehensive Planning
- Water Distribution System Mapping
- Project Planning Reports for IEPA Revolving Fund Loan Projects
- Water Rate Study Reports
- Operation and Maintenance Manuals
- Grant Applications and Administration
- Construction Engineering

**WASTEWATER ENGINEERING SERVICES:**
- Wastewater Treatment Plants
- Lift Station and Force Mains
- Sanitary Sewer Systems
- Sanitary Sewer Rehabilitation
- Septic Systems
- Facility Planning Reports for IEPA Revolving Fund Loan Projects
- Sewer Rate Study Reports
- Infiltration and Inflow Analysis
- Sludge Management Plans
- National Pollutant Discharge Elimination System (NPDES) Permits
- Sanitary Sewer System Mapping
- Operation and Maintenance Manuals
- Wastewater System Comprehensive Planning
- Wastewater System Controls (SCADA)
- Grant Applications and Administration
- Construction Engineering
Willett, Hofmann & Associates, Inc. provides Civil Site Design services for both private and public residential, commercial, and industrial projects of various types, sizes and complexities. WHA provides professional engineering and land surveying services for the design, permitting, construction observation and staking of sites ranging from single-lot, commercial, industrial and governmental sites, to multi-lot urban and rural residential subdivisions, and commercial and industrial developments.

Our staff is experienced in the design of storm water management and detention facilities, site grading, parking lots, roadways, entrances, storm and sanitary sewers, and water distribution for fire protection and domestic use. WHA’s engineering staff works closely with our in-house Land Surveying Department staff and state and local agencies throughout the design process, and provides layout and engineering services during the construction phase of the project.

CIVIL SITE ENGINEERING SERVICES:
- Boundary Surveys
- Topographic Surveys
- Feasibility Studies
- Site Investigation
- Concept Plans
- Regulatory Review Coordination
- Preliminary Plats
- Final Plats
- Grading and Drainage
- Storm Water Management
- Erosion Control Plans
- Storm Water Pollution Prevention Plans
- Hydrologic and Hydraulic Studies
- Floodplain Studies
- Roadway and Parking Lot Infrastructure
- Utility Infrastructure
- Utility Services and Coordination
- Construction Staking
- Construction Engineering
The Willett, Hofmann & Associates, Inc. Architectural Department is qualified to provide a broad range of building design services for a wide variety of project types and complexities. The complexity of building design and remodeling projects in today’s building construction environment often requires a diverse team of professionals to address all of the regulatory, site and code-related requirements for a project, in addition to creating a functional, efficient and aesthetically pleasing building. Our architectural staff routinely collaborates with both our in-house engineers and specialized outside consultants, serving as a valuable single-source, comprehensive contact for our clients’ projects.

WHA’s Architectural Department strives to develop encompassing and creative solutions in consideration of our clients’ wants, needs, goals and budget while being sensitive to the project site, context and environment. Our architectural staff is experienced in, and qualified to provide, Pre-Design services, including Feasibility Studies, Building Assessment Studies and Project Programming; Project Design services, including Bid, Contract and Construction Documents and Construction Phase Services for projects ranging from large industrial facilities to small sensitive building additions and renovations to building maintenance projects for both public and private clientele. Our Architectural Department staff is equipped with Building Information Modeling (BIM) software, 3D design and rendering software and 2D CAD software and includes Leadership in Energy and Environmental Design Accredited Professionals (LEED AP BD+C) through the United States Green Building Council.

ARCHITECTURE SERVICES:
New Construction & Additions
Renovation, Remodeling, Restoration
Accessibility Improvements
Adaptive Reuse
Feasibility Analysis & Planning Services
Municipal Facilities
Commercial Facilities
Industrial Facilities
Public Facilities
Religious Facilities
Special Structures
The Willett, Hofmann & Associates, Inc. Land Surveying Department provides ALTA/NSPS surveys, boundary and property surveys, topographic and route surveys, platting and development surveys. We are also experienced in providing construction staking services for project types of various sizes and complexities. Our land surveying department is also uniquely equipped and qualified to perform bathymetric surveys. Using echo-sounder technology, we can collect accurate underwater data to produce topographic surveys of the bottom of rivers, lakes, ponds and other bodies of water.

Land Surveying has been an important part of Willett, Hofmann & Associates, Inc. since our founding. We maintain an archive of records spanning over 80 years. Our survey crews are well trained and use state-of-the-art equipment for all surveying projects, including survey-grade GPS (Global Positioning System) receivers, robotic total stations, electronic total stations with digital data collectors and digital levels.
Willett, Hofmann & Associates, Inc. staff has extensive grant and loan procurement and administrative experience and has formed many strategic partnerships with economic development and public funding consultants, that have resulted in funding awards in the multi-millions of dollars for our clients’ projects.

Our staff is experienced in preparing applications for, and administering awards of, State and Federal Grants for Economic Development, Illinois Environmental Protection Agency low-interest loans, Department of Commerce and Economic Opportunity (DCEO), Community Development Assistance Program (CDAP) Grants, United States Department of Agriculture – Rural Development Grant and Loans and Illinois Department of Natural Resources Parks & Recreation Grants, as well as conducting funding searches from other sources.

**FUNDING SERVICES:**
Analysis of Funding Sources
Grant Applications
Grant Administration
Funding Searches
Low-Interest Revolving Loan Applications
Loan Administration
Willett, Hofmann & Associates, Inc. is proud of the recognition presented to our firm and staff and we gratefully share all acclaim with our valued clients. Following is a list of our most recent accomplishments.

**APWA SW Branch Award** for the Washington Street Bridge over Spring Creek, in Joliet, Illinois. Awarded in 2016.

**Engineering Excellence Merit Award** presented by the American Council on Engineering Companies (ACEC) for the **City of Dixon Phase II Radium Removal Wells 6 & 8** in 2012.

**Engineering Excellence Merit Award** presented by the American Council on Engineering Companies (ACEC) for the **City of Rock Falls Water Reclamation Plant** in 2012.

**Engineering Excellence Merit Award** presented by the American Council on Engineering Companies (ACEC) for the **City of Dixon Phase I Radium Removal Wells 7 & 9** in 2011.

**Mentor of the Year Award** presented to Brian Converse, P.E., S.E. by the Illinois Society of Professional Engineers (ISPE) in 2014.

**Outstanding Chapter Member** presented to Geoffrey Smith, P.E., by the Illinois Society of Professional Engineers (ISPE) in 2014.

**Young Engineer of the Year** presented to Peter Pascua, P.E. by the Illinois Society of Professional Engineers (ISPE) in 2014.

**Engineering Excellence Merit Award** presented by the American Council on Engineering Companies (ACEC) for the **City of Dixon Phase II Radium Removal Wells 6 & 8** in 2012.

**Engineering Excellence Merit Award** presented by the American Council on Engineering Companies (ACEC) for the **City of Rock Falls Water Reclamation Plant** in 2012.

**Engineering Excellence Merit Award** presented by the American Council on Engineering Companies (ACEC) for the **City of Dixon Phase I Radium Removal Wells 7 & 9** in 2011.

**Mentor of the Year Award** presented to G. Matthew Hansen, P.E., by the Illinois Society of Professional Engineers (ISPE) in 2009.

**Wood Design Engineering Award** presented by WoodWorks North-Central for the **Captain Swift Timber Covered Bridge** in 2008.

**Juror’s Favorite Award** in the Excellence in Structural Engineering competition presented by the Structural Engineering Association of Illinois (SEAOI) for the **Captain Swift Timber Covered Bridge** in 2008.

**Illinois Society of Professional Engineers** selected Willett, Hofmann & Associates as one of the **Five Best Engineering Firms to Work For** in Illinois in 2013.
REFERENCES

City of Polo
Ms. Susie Corbitt
City Clerk
(815) 946-3514

Village of Orangeville
Mr. Mike Siedschlag
Village President
(815) 789-4416

Bureau Co. Highway Dept.
Mr. John Gross, PE
County Engineer
(815) 875-4477

Village of Davis Junction
Mr. Rick Wurm
Village President
(815) 645-8000

City of Rock Falls
Mr. Ted Padilla
Water Operator
(815) 625-1120

Village of Mt. Morris
Mr. Dan Elsasser
Village President
(815) 734-6425

City of Dixon
Mr. Liandro Arellano
Mayor
(815) 288-1481

City of Fulton
Mr. Dan Clark
Dir. of Public Works
(815) 589-2616

Village of Ohio
Mr. Charles Thomas
Village President
(815) 376-6446

Winnebago Co. Highway Dept.
Mr. Joe Vanderwerff, Sr., PE
County Engineer
(815) 319-4000

Village of Milledgeville
Mr. Galen Wirth
Village President
(815) 225-7231

Ogle Co. Highway Dept.
Mr. Jeremy Ciesiel, PE
County Engineer
(815) 732-2851

Village of Stillman Valley
Mr. Dean Insko
Director of Public Works
(815) 645-4342

City of Sterling
Mr. Scott Howard
Wastewater Operator
(815) 632-6630

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Mr. Adam Lanning
Water/WRP Superintendent
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Village of Thomson
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Director of Public Works
(815) 259-3905

City of Prophetstown
Mr. Brian Strike
Director of Public Works
(815) 537-5214
<table>
<thead>
<tr>
<th>OFFICE LOCATIONS AND CONTACT INFORMATION</th>
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<tbody>
<tr>
<td><strong>DIXON OFFICE</strong></td>
</tr>
<tr>
<td>809 East 2nd Street</td>
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<tr>
<td>Dixon, IL 61021-0367</td>
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<td>Phone: (815) 284-3381</td>
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<tr>
<td>Fax: (815) 284-3385</td>
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<tr>
<td><strong>ROCKFORD OFFICE</strong></td>
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<td>Rockford, IL 61109-2901</td>
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<td>Phone: (815) 964-2897</td>
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<td>Fax: (815) 284-3385</td>
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<td><strong>JOLIET OFFICE</strong></td>
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<td>Phone: (815) 729-2229</td>
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<td>Fax: (815) 744-1681</td>
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<tr>
<td><strong>FREEPORT OFFICE</strong></td>
</tr>
<tr>
<td>10 North Galena Avenue</td>
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<tr>
<td>Suite 150</td>
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<tr>
<td>Sterling, IL 61081-3932</td>
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<td>Phone: (815) 626-3861</td>
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<td>Fax: (815) 284-3385</td>
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<td><strong>MOLINE OFFICE</strong></td>
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<td>Suite 102, Box #3</td>
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<td>Moline, IL  61265-1367</td>
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<td>Phone: (309) 517-1119</td>
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<td>Fax: (815) 284-3385</td>
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