



Who We Are

CONTACT

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www.kdginc.com

www.shive-hattery.com



KdG, founded in 1974, is a professional design firm specializing in architectural, interior design, civil engineering, and land surveying services. Our firm began by providing design services for commercial and retail projects.

In July of 2022, KdG was acquired by Shive-Hattery, a full-service architecture and engineering design firm based in Cedar Rapids, Iowa. Shive-Hattery was founded in 1895, has over 500 employees and 14 offices located throughout the upper Midwest as well as Tucson, Arizona.

The combination of our two firms merges the experience, talent and skill of a boutique hospitality design firm with the vast resources, skill and talent of a large, multi-discipline design firm serving many market areas over a large portion of the country.

Shive-Hattery, Inc. believes unparalleled service has given us the opportunity to practice our passion for creative design. We combine our creativity with an absolute commitment to deliver on our promises. We have a reputation for collaboration, availability, and responsiveness with owners, program managers and contractors based on delivering the best value to the owner. We also have a reputation for thorough, well-detailed construction documents, minimizing costly changes.

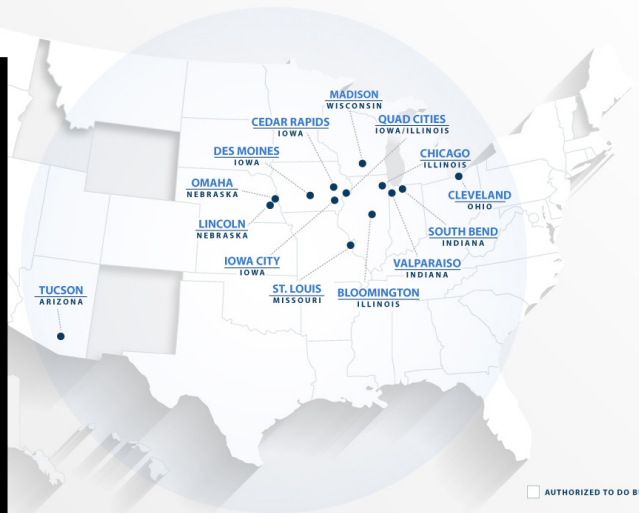
Our collaborative approach to programming, planning, and design results in imaginative solutions, based on each client's unique vision and goals. By creating spaces that reinforce their existing culture, process, and brand, we are able to translate objectives and aspirations into sustainable environments for working, learning, healing, and playing—and are catalysts for desired change.

Our belief in unparalleled service has helped us to grow into a successful Midwest-based, 500+ person, planning, architecture, engineering and interiors firm with roots going back to 1895. We are licensed in 44 states, with professionally registered architects and engineers in each state.

134 ARCHITECTS	80 CIVIL ENGINEERS	22 ELECTRICAL ENGINEERS	34 INTERIOR DESIGNERS
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YOUR TRUSTED FIRM OF CHOICE
PROFESSIONALS WITHIN SHIVE-HATTERY

8 LANDSCAPE ARCHITECTS	48 MECHANICAL ENGINEERS	51 STRUCTURAL ENGINEERS	18 LAND SURVEYORS
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OUR APPROACH TO STRUCTURES



LARRY SANDHAAS, PE, SE
Bridges & Culverts Lead

When we look to replace an existing bridge or culvert, our first consideration is always the impact on waterways, roadways, and public use. We use hydraulic modeling and calculations to understand waterway impacts. Then, we develop traffic control plans that keep contractors safe and local motorists moving efficiently through their day.

And don't forget funding assistance! State or Federal Aid can play a big role in these projects, supplementing the cost of a project. This is an area we're very familiar with. We can help you find funds to make your project truly great.

SPECIALTY AREAS

- Bridge inspections
- Waterway Modeling
- Bridge Design and Construction
- Funding Assistance
- Project CA/CO

Software, Equipment, & Technology

Shive-Hattery has licensed copies and knowledgeable users of the most widely used software in hydraulics, structural design, and road design. We know which software to use for each situation and will share files whenever you need or want to review them.

Software	Utilization
OpenBridge	Bridge Design
OpenRoads	Roadway/Highway Design
RISA 3D	Structural Analysis
HEC-RAS, 1D	Hydraulics
HEC-RAS, 2D	Hydraulics
HEC-RAS	Scour Analysis/ Sediment Analysis
SUDA	Hydraulic Design
Lumion	Visual Renderings
Sketchup	Visual Renderings
Microstation Connect	Computer Aided 2D, 3D
Civil 3D	Computer Aided 2D, 3D
Autoturn	Vehicle Turning Path
Synchro	Capacity Analysis; Signal Timing
SimTraffic	Corridor Simulation Model
Vistro	Travel Demand Model
Vissim	Traffic Simulation Modeller
HCS	Capacity Analysis
ArcGIS	Survey
ArcGIS Pro	Survey

QUALITY ASSURANCE & QUALITY CONTROL PROGRAM

Quality starts early ...

Our quality assurance program starts at the time of contract development and is centered around YOUR expectations. Beginning this early in the project allows us to be proactive and consistent throughout the project's lifecycle.

... and guides each project to completion

Your quality assurance plan is scheduled and monitored by the project manager, Ron Stuckel, and core team to ensure it is built into our routine. Senior staff outside the project team provide independent quality reviews at each milestone.

Ron will ensure deliverables are properly prepared, along with the required support documents, for a complete submission that conforms to standards and meets or exceeds your expectations.



ASSESSMENT

DESIGN
PHASE

QUALITY
REVIEW

DEVELOP
CDs

QUALITY
REVIEW

FINALIZE
CDs

BIDDING

CA PHASE

STANDARDIZED PROCESSES, HIGHER QUALITY

We use systematic specifications, design procedures, software, and reference details. Our designers continue to develop our internal basis of design materials. We will combine them with your Design Standards to achieve a consistent, reliable product.

UTILITY COORDINATION CHAMPIONS

If there's a utility battle to be won, *we'll* be the ones suiting up. You can expect:

- Topographic-phase physical identification of utilities, *plus* a separate phase as conflicts are identified.
- Dedicated KdG, a division of Shive-Hattery assistance with the relocation process. We communicate with the same utility reps all the time, on multiple projects.
- Constant communication to keep utility moves on schedule.

DELIVERING ON YOUR EXPECTATIONS

Our engineers complete a pre-project review of your expectations to improve communication and get a crystal-clear understanding of your needs. Core team members from each discipline follow the project development closely from the beginning: setting standards, tracking phases, and making sure the project will meet the deadlines.

INTERDISCIPLINARY TEAMWORK

It always helps to have a fresh set of eyes. Senior colleagues outside the project team provide an independent review at each major design milestone, bringing an outside perspective and verifying that the design meets requirements and uses sound practice.

CONSTANT FEEDBACK IS HOW WE DO BUSINESS

We will seek your feedback consistently throughout your project — not just at the finish line. As we hear from you in real time, we adjust and improve to serve you better, today.

COST TRANSPARENCY

As our economy shifts from the impacts of COVID-19, supply chain delays and pricing impacts, we've stepped up our price tracking and communication. With multiple office locations working in different markets, we are able to provide accurate cost and pricing estimates to contractors and cities.