



# Who We Are

## CONTACT

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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.

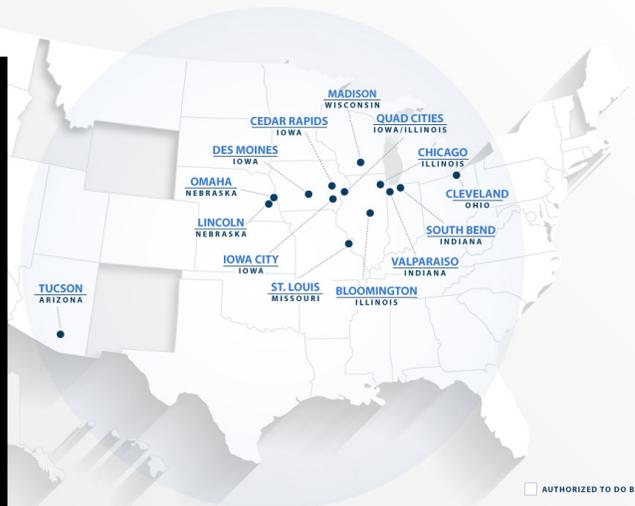
Our collaborative approach to programming, planning, and design results in imaginative solutions, based on each client's unique vision and goals. By creating spaces that reinforce their existing culture, process, and brand, we are able to translate objectives and aspirations into sustainable environments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

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

<b>8</b> LANDSCAPE ARCHITECTS	<b>48</b> MECHANICAL ENGINEERS	<b>51</b> STRUCTURAL ENGINEERS	<b>18</b> LAND SURVEYORS
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# OUR APPROACH TO TRAFFIC ENGINEERING AND TEAP STUDIES



**MARCUS JANUARIO, PHD, PE, PTOE**

Traffic Engineering Lead

## Working with KdG, a division of Shive-Hattery

We understand the importance of identifying traffic-related issues and providing quality recommendations that can be implemented to enhance traffic safety and operations. Based on the wide experience our team has, we are able to pull the right person into any of your projects. We have also developed templates for our reports so they are easy to review and find the information you are looking for.

We spend the vast majority of our time solving problems for municipalities, very similar to the goal of TEAP. Cities and Counties will benefit from our traffic and roadway experience.

The KdG traffic engineering team has helped cities large and small improve the safety and efficiency of their roads. We have completed numerous traffic studies using our efficient, proven system of data collection, analysis, recommendations and funding application assistance that takes cities from simply wishing for improvements to realizing they are possible and affordable. Working closely with communities, we help them solve traffic-related problems by finding the best solution for their needs and budget.

We understand that it is important to be able to complete studies quickly and with concise, clear solutions. Because there are so many potential issues and reviews that are incorporated into a comprehensive traffic study, our documents are useable to each city/county and at the same time understandable to the audiences with various backgrounds that will be reading the study.

## SPECIALTY AREAS

- Corridor studies
- Speed studies
- Intersection selection
- Public engagement
- Signal retimings
- Signal design
- Traffic Impact studies

## SOFTWARE WE USE

- Synchro: intersection analysis
- SimTraffic: queue analysis
- HCS: specific lane & approach configuration
- Vistro: Trip distribution & intersection analysis
- Vissim: complex intersections and networks

# 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.