Kaskaskia Engineering Group, LLC (KEG) is a 100% woman-owned and managed engineering and contracting firm that was founded in 2006. From the beginning, we have recruited highly skilled employees from a variety of public and private sector backgrounds. This has allowed us to quickly amass an impressive portfolio of federal, state, local public agencies, and private project experience. We have established professional relationships with The Federal Highway Administration, the Missouri Department of Transportation, the Missouri Department of Natural Resources, the Metropolitan St. Louis Sewer District, the St. Louis Board of Public Service, East-West Gateway Council of Governments, the U.S. Army Corps of Engineers, and area leaders.

KEG is a certified Disadvantaged Business Enterprise (DBE) through the Missouri Regional Certification Committee, licensed as a Women’s Business Enterprise (WBE) by the Women’s Business Enterprise National Council, and is recognized as a Women-Owned Small Business (WOSB) by the Small Business Administration. Our offices are located in Ste. Genevieve, Missouri; Belleville, Glen Carbon, Champaign, Macomb and Peoria, Illinois; Evansville, Indiana; and Saint Paul, Minnesota.

KEG is fully prequalified with MoDOT, including the E-Verify, Financial, Federal Aid Basic Training, Bridge Forms and Bridge QC/QA Plan prequalifications.

It is KEG’s policy to seek and employ qualified personnel in all of its facilities and at all of its locations; to provide equal opportunities for the advancement of employees, including upgrading, promoting and training; and to administer these activities in a manner which will not discriminate against any person because of race, color, religion, sexual orientation, national origin, disability, gender identity, or veteran status. Currently, women make up 40% of our staff and 21% of our employees are minorities. KEG is committed to fostering diversity and has set a goal to increase diversity to 50% women and 25% minority employees in 2017.
We operate on the paradigm that there is plenty for everybody, and that one person's success is not achieved at the expense or exclusion of the success of others. It’s not your way or my way; it’s a better way, a higher way. We believe the betterment of one leads to the growth of all. Our collective quest for the development of the individual’s ultimate potential is based on our keen understanding that we are all responsible to grow ourselves, the company, and our communities.

At KEG our goal is to provide extraordinary service through expert technical knowledge, collaboration, and communication early and often. KEG’s full service capabilities include transportation engineering, traffic engineering, surveying, CADD design, public involvement, geotechnical engineering, structural engineering, general contracting, GIS mapping, environmental science, construction observation/management, infrastructure analysis and planning, right-of-way research and acquisition, grant writing, cost estimating, and water resource management, including water, wastewater, and stormwater planning and design. KEG Build, the contracting division of KEG, regularly performs roadway maintenance and drainage work and is available for cost estimation and constructability reviews of design performed by KEG staff.

**TRANSPORTATION PLANNING & DESIGN**

Our Transportation Planners and Engineers have the education, training, and experience to design multi-modal transportation projects that enhance our communities by increasing safety, providing mobility, reducing pollution, and increasing economic development. We have performed transportation planning and design for projects that range in size from small projects with localized impacts to large projects that have regional and statewide significance. By working collaboratively with our clients, we can create multi-modal engineering projects that benefit us all.

- Highway/Roadway Design on New Alignments, Realignments, and Resurfacing
- Traffic Studies – Intersection & Interchange Design Studies
- Traffic Management Planning
- Project Development Reports
- Traffic & Pedestrian Signal Design
- Traffic Counts & Modeling
- ADA Design & Compliance
- Drainage Analysis and Improvement Plans
- Utility Coordination and Engineering
- Signing and Pavement Marking Plans
- Bicycle, Pedestrian & Recreational Facility Design
- Project Management & Inspection Services
- Microstation, AutoCAD & GIS Services
STRUCTURAL ENGINEERING

KEG’s structural engineering team has the education, training, experience, and licensure to plan, design, and inspect a vast array of buildings, bridges, retaining walls, culverts, and other structure types to meet the safety, functionality, constructability, aesthetics, and cost effectiveness for all of our client’s needs.

- Steel & Concrete Bridge Design
- Foundation and Pile Design
- Type, Size and Location (TS&L) Details
- Bridge Planning & Condition Reports
- Erection Plans
- Pre-Cast & Cast-in-Place Culvert Design
- Temporary Shoring Plans and Design
- Retaining Wall Design
- Sign Structure Design & Sign Truss Inspection
- Bridge Painting Plans
- NBIS & Element Level Bridge Inspections
- Bridge Management
- Geotechnical Analyses - Rock & Soil
- Bearing Capacity Analyses
- Settlement Analysis
- Slope Stability Analyses
- Seepage Analyses (Including 2D & 3D Modeling)
- Geotechnical Report Preparation

CONSTRUCTION ENGINEERING & MANAGEMENT

KEG’s construction inspection staff of engineers and technicians have many years of experience on a wide range of projects that include highways, bridges, parks, high speed rail, and private developments. Our staff is trained and ready to work on all kinds of federal, state and local projects throughout our Midwest service area.

- Construction Administration and Supervision
- Utility Coordination and Inspection
- Bidding Support Services
- Construction Cost Estimating
- Materials Testing - Portland Cement Concrete, Hot Mix Asphalt, and Embankment
- Project Schedule Development
- QA/QC Plan and Preparation
- Record Drawings and Project Documentation
- Survey Layout and Verification of Contractor Staking
- Erosion Control and Protection Best Management Practices
RECREATIONAL FACILITIES

KEG’s planners, environmental scientists, engineers and public involvement employees work on projects that enhance the quality of life in our communities. These projects are widely used by our friends and neighbors and include parks, recreational facilities, boat ramps, ball fields, pedestrian/bike paths and buildings to support these facilities.

- Bike, Pedestrian, and Recreational Path Design
- Parking Lot Layout and Design/Rehabilitation
- Design of Sustainable Features
- ADA Compliant Site Design
- Domestic Water and Fire Service Distribution
- Site Lighting Evaluation
- Stormwater Regulatory Compliance and Permitting
- Detention and Retention Basins
- Utility Design and Coordination
- Landscape Layout and Design
- Local, State, and Federal Permit Applications
- Park Rehabilitation Plans
- Floodplain Compliance, Analysis, and Permitting
- Park Master Plans

The ability to meet the needs and exceed the expectations of our clients with respect to performance, budget, and schedule – is one of the reasons KEG has grown to be industry leader throughout the Midwest. Most of our work is performed for repeat clients, both in the government and private sectors. We believe that the continued relationships with our clients are indicative of our outstanding performance. The following is a client recommendation letter and comments received from one of our clients.

"Kaskaskia has always been professional and thoughtful in their approach to serving the public interest and approached our projects with the best interest of the City and its residents in mind."

"Please accept my highest recommendation of Kaskaskia to you based on the work they have performed for the City of Belleville."