



# SK Design Group

CIVIL ENGINEERS SINCE 1989

**SK Design Group** is a local, family-owned civil engineering business dedicated to quality and client service. The company was founded in 1989 in Overland Park, KS, by Sassan and Katereh Mahobian.

**Our mission** is to design infrastructure that builds and connects the communities in which we live, by providing world class civil-engineering services with the utmost focus on client satisfaction. Because we are small, we are focused and nimble, and the quality of our plans/designs has led to over 36 years of repeat business from loyal customers. **98% of our work comes from repeat business.** Our goal is to develop a long-term partnership by providing responsive, high-quality, and cost-effective solutions. Our success depends on your success.

**Our philosophy** on each project is to find the right design solution that balances our client's needs with cost, environmental stewardship, community impact, constructability, maintainability, aesthetics, safety, and schedule.

## Our Services

### TRANSPORTATION

- New Roadways
- Roundabouts
- Streetscape Projects
- Airfield Pavements
- Evaluation & Rehabilitation of Existing Roadways
- Multi-Modal Facilities
- Bike/Hike Trails
- Construction Observation & Administration Services

Over  
**\$125 Million**  
of roadways designed  
in the last ten years



### UTILITIES

- Water Lines
- Storm Sewers
- Chilled Water Lines
- Sanitary Sewers
- Steam lines
- Power lines
- Elect/Telecom Ductbanks
- Gas lines

**100+**  
roadway and  
intersection  
improvement projects



### SITE PLANNING & DEVELOPMENT

- Master Planning
- Siting of Buildings/Roads/Parking/Amenities
- Site Grading
- Site Utilities
- Site Circulation
- ADA Accessibility
- Permitting
- Stormwater Management

**140+**  
municipal projects in  
the last five years



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[www.SKDG.com](http://www.SKDG.com)



Oracle Center Innovations, KCMO



South Main Improvements, Maryville, MO



Iowa St Improvements (US-59), 23<sup>rd</sup> to Irving, Lawrence, KS



South Commercial Street Extension, Harrisonville, MO



Mick Deaver Drive, University of Missouri, Columbia, MO



Mill and Overlay of I-70 and 291 MoDOT, Greater KCMO



Jayhawk Boulevard Reconstruction, KU, Lawrence



KC Water Services Department Parking Improvements



Hwy 71 On-Ramp & 285th Street Improvements, Maryville, MO



Bus Ramps & Bridges Kansas City International Airport

## MARKETS

-  EDUCATION
-  GOVERNMENT
-  ARCHITECTS
-  DEVELOPERS

## SERVICES

-  SITE PLANNING & DEVELOPMENT
-  TRANSPORTATION
-  PARKING
-  STORMWATER MANAGEMENT
-  UTILITIES
-  TRAILS, PARKS & SPORTS FACILITIES
-  CIVIC FACILITIES
-  FIELD SERVICES

## MoDOT District Choices

-  NW
-  KC
-  CD
-  SW

# TRANSPORTATION

## Our Scope of Services

-  New Roadways
-  Roundabouts
-  Streetscape Projects
-  Airfield Pavements
-  Evaluation & Rehabilitation of Existing Roadways
-  Construction Observation & Administration Services

We prepare route studies and plan our roadways to be functional as well as aesthetically pleasing. SK Design possesses a keen awareness of the interaction between pedestrians, vehicular traffic, and bus operations, and a true understanding of the established budget and schedule. Our designs engage pedestrians and bicycles when possible.

We team with landscape architects, traffic engineers, and other professionals to provide a complete design for our clients.



### COORDINATION

Our projects undergo an extensive process of coordination of utilities. We do all our design in 3D and prepare precise horizontal and vertical alignments for all utilities to follow to minimize conflicts and delays during construction.



### CLARITY

We understand the challenges associated with new roadways and reconstruction of existing roadways and strive to produce a design that is well thought through and requires virtually no clarification during construction.



### CONSENSUS

We have worked with many sophisticated clients such as major universities, airports, and municipalities on their roadway reconstruction and know how to develop consensus amongst the stakeholders.

SK Design has extensive experience with bus service and has worked with clients such as the KCATA, KU, and KCI on their bus stations, platforms, bus maintenance facilities, and bus parking areas. SK Design has also worked on many pavement rehabilitation projects and is familiar with the necessary evaluation, plan preparation, and construction monitoring of pavement rehab projects.

We led a team of professionals on the Pavement Condition Index (PCI) study for over 65 lane miles of pavements at KCI and Downtown airports, prepared plans for the rehabilitation of roads and pavements in 2009, and provided full time construction monitoring as owner's representative on all the rehab over a 5-year period. We subsequently led another team for the next round of PCI study and pavement evaluation and rehab at KCI between 2016 and 2021.



# PARKING

SK Design has worked on some of the largest parking facilities in the region, such as the 15000-car Economy Parking at KCI, the 7000-car parking at Cerner Innovations, and the 1500-car parking at KU park and Ride. Our experience is not limited to large parking lots. We design parking lots of all sizes for our clients throughout the region.



## GARAGE PROJECTS

We have also been involved on many garage projects both as the civil design consultants and the owner's rep on the bridging documents when a design-build approach was selected.



## MASTER PLANNING

We have also worked on master planning future parking facilities such as the Cerner Innovations campus where more than 15,000 employees were planned to work out of.

We understand the importance of parking layout for functionality and aesthetics. We work closely with our clients to achieve a balance between the required number of parking spaces, landscaping, and drainage requirements. Regardless of the size of the project, we layout multiple options, prepare cost estimates, and outline the advantages and disadvantages of each option for our clients, to aid in selecting the best design for their project.

We understand internal bus operations in large parking facilities and have managed teams of consultants to address wayfinding, shelters, and signage. We have performed studies to determine the bus route times and made recommendations for the number of buses required to achieve a desired level of service.



15,000 Stall KCI Economy Lot,  
Kansas City, MO



KU Med Center Garage 5 Site  
Design, Kansas City, KS



3,500 Stall Cerner Innovations  
Campus, Kansas City, MO



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