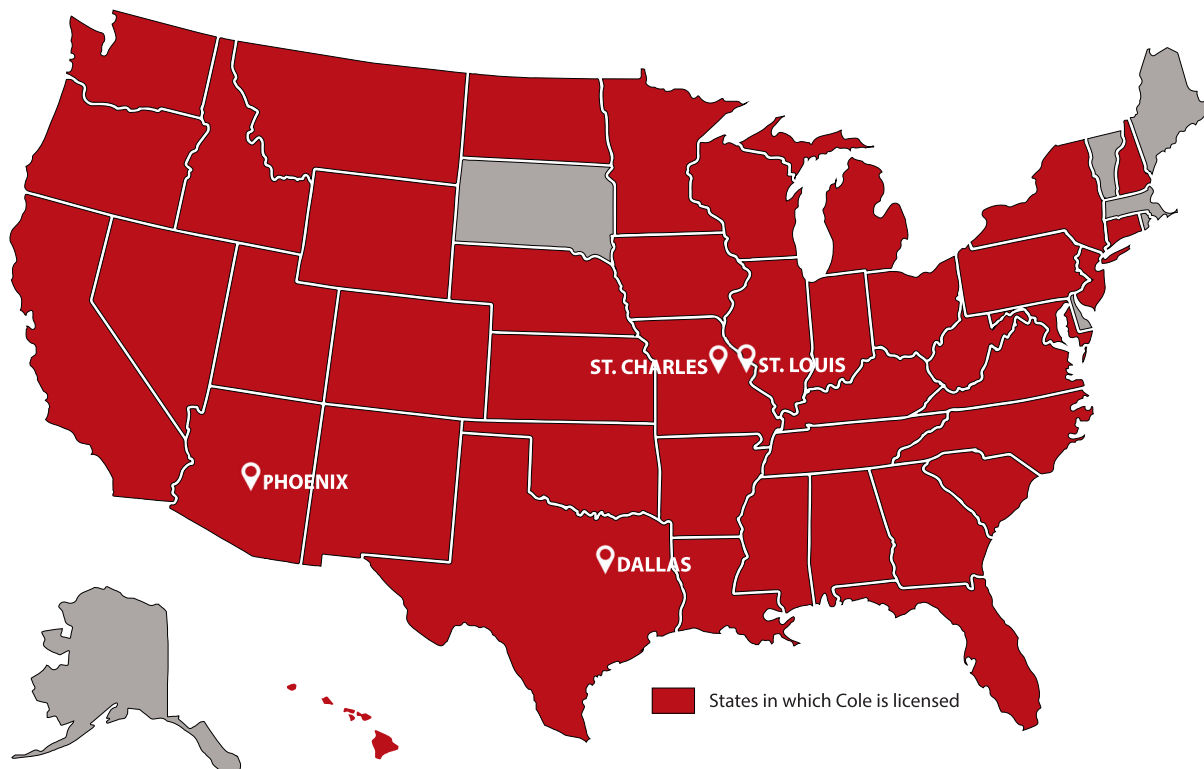


## FIRM PROFILE

Cole & Associates, Inc. is a multi-disciplined design and engineering firm providing civil engineering, surveying, planning, landscape architecture, and ADA self-evaluation and transition plan services. Since our inception in 1990, Cole has expanded its Midwest presence and grown from a single office headquartered in St. Louis, Missouri, to multiple offices throughout the country including St. Charles, Missouri; Dallas, Texas; and, most recently, Phoenix, Arizona. Our multiple locations and extensive local experience have allowed the firm to develop into a nimble and knowledgeable organization, capable of providing quality and responsive services nationwide.



## MULTI-DISCIPLINED APPROACH

Cole's strength is grounded in our multi-disciplined approach, allowing us to provide traditional planning services in complete integration with our engineering, survey, and landscape architecture groups. Our ability to provide multiple services housed under one roof saves our clients time and money and has a direct impact on multiple aspects of a project. Decisions made early in the design process have a direct impact on a project's feasibility, and Cole's multi-disciplined approach and experienced team ensure a seamless project execution, from kick-off to delivery.

## PARTNERSHIPS

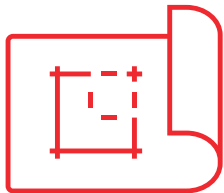
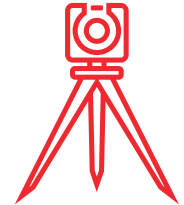
Cole's unique project approach extends to our outlook on teaming with our partners in architecture and construction, resulting in a direct impact on authenticity of design, constructability, and sustainability. Grounded in the belief that collaborative relationships result in a greater competitive advantage, we develop an understanding of our client's needs and ensure that our team's individual strengths are utilized. Through our attention to detail and responsive approach to project management, Cole has earned a reputation for doing the job right the first time.

## Services Provided



**Civil Engineering.** Cole's engineering group combines a strong network of talented professionals with real world experience and a solid background touching a wide variety of project types. Our QA/QC process monitors the design concept goals as well as the technical details, ensuring that compliance with the project goals, objectives, and specific directives are effectively met.

**Surveying.** Merging over 100 years of combined experience with the latest technologies of the Trimble S-Series Total Stations, Trimble R-Series GNSS Receivers, Trimble data collectors, and Leica P40 3D Scanner, our survey team has the resources and expertise to complete any survey project.



**Planning.** Working independently or seamlessly integrated with surveying and engineering, our planning group serves a wide variety of project types in municipal, industrial, commercial, and residential markets. After working with the client to determine specific goals, the final plan developed by Cole is a direct reflection of your project's theme and identity, as well as the program and site analysis.

**Landscape Architecture.** At Cole, we design spaces for people through professional landscape design and construction that goes beyond typical materials and landscape elements, creating an atmosphere that is a direct reflection of your company and your mission. We create and implement landscape architectural designs that are sustainable, easily accessible, and seamlessly integrated into the surrounding context and communities, including ISA Certified Arborist surveys and tree preservation plans required for many municipalities.



**GIS (Geographic Information System).** Cole offers a complete suite of GIS services: from database design and management to custom solutions for collection, analysis, mapping, automated reporting, and web publication. As an ESRI Silver Level Business Partner, GIS staff and clients receive access to additional resources, enhancing our ability to deliver creative and complete solutions to all projects.

**ADA Transition Planning.** Nationally recognized for our expertise in ADA Self-Evaluation and Transition Plan development, Cole has served as the prime or sub-consultant on numerous accessibility projects of varying size. Specializing in streamlining pedestrian access, exterior sites, and public rights of way evaluation, Cole leads teams for overarching ADA self-evaluation and transition planning to incorporate comprehensive facilities and program review. Our cutting-edge technology provides data that allows our clients to easily manage, adjust, and improve access over time.



**cole**<sup>®</sup> **DROSTE ROAD IMPROVEMENTS**  
ST. CHARLES, MISSOURI

This project consisted of the reconstruction of approximately 0.36 miles of Droste Road. This area consists of commercial development on the south side of the project and residential units on the north. Due to the volume of traffic and points of access to the road, this section of Droste had a high number of traffic accidents. The sanitary sewer and water distribution lines in the area were also aged and in need of repair/upgrade, and flooding of the roadway due to insufficient storm sewer systems required system improvements.

The intersection of Droste Road and Duchesne Road is a signalized intersection and required reconstruction to improve signal efficiencies and ADA Accessibility at the crossings. To improve the safety conditions of the road, alleys were designed in the rear yards of the residences and off-street parking was provided. The intersection of Droste and Duchesne Road was improved by adding turn lanes, new signal heads, and improved curb ramps and detectors. Installation of a multi-trail system required the need of additional right-of-way, which then necessitated relocation of the existing utilities. Cole worked with the City and utility companies at the start of the project to coordinate the relocation effort.



**Client**  
City of St. Charles  
Matt Seggerman  
matthew.seggerman@stcharlescitymo.gov  
636.949.3200

**Completion Date**  
2019

**GOVERNMENT & WELLS DRIVE IMPROVEMENTS**  
CITY OF ST. LOUIS, MISSOURI



**Client**  
City of St. Louis Board of Public Service  
Eric Bothe  
bothee@stlouis-mo.gov  
314.641.8379

**Completion Date**  
2019

Located in Forest Park, this project consists of the reconstruction of 0.65 miles of Government Drive to Fine Arts Drive and 1.2 miles of Wells Drive. Government Drive improvements include full pavement replacement driveway consolidation, storm sewer improvements, sidewalks, pedestrian/trail crossings, and water quality features. The Wells Drive improvements include the widening of the street section to allow parallel parking, pedestrian/trail crossings, storm sewer improvements, sidewalks, and water quality features. Coordination with the Forest Park Advisory Board, the St. Louis Zoo, and the St. Louis Art Museum throughout the design of the project was critical to the success of the project.





## SOUTH FIFTH STREET IMPROVEMENTS ST. CHARLES, MISSOURI

The project, located in the City of St. Charles, Missouri, is a federally funded project. This project included the design of approximately 2,200-LF of roadway widening and intersection design to accommodate the additional traffic generated by the Streets of Saint Charles development. The design included coordination with MoDot, the City of St. Charles, the development team and utilities.

The project consisted of intersection improvements at the intersections of S. Fifth Street and I-70 offramp, S. Fifth and Veterans Memorial, S. Fifth and S. River Road and S. River Road and S. Main Street. The project also provided storm sewer improvements, underground utility line relocation, new water main construction, and new traffic signals.



**Client**

City of St. Charles  
Brad Temme  
Brad.Temme@stcharlescitymo.gov  
636.940.4601

**Completion Date**

2014

## LAKE SAINT LOUIS BOULEVARD IMPROVEMENTS PHASES II & III LAKE SAINT LOUIS, MISSOURI



**Client**

City of Lake Saint Louis  
Terry Rigdon  
trigdon@lakesaintlouis.com  
636.695.4221

**Completion Date**

In Progress

Phase II of the Lake Saint Louis Boulevard project involved corridor boundary and topographic survey of approximately one-mile of roadway for resurfacing and redesign in areas of concern with easement documents provided for the adjacent properties affected by the project. During the survey, GNSS Static observations were taken using Trimble R-10 receivers and processed using Trimble Business Center software. Once the control was processed, the corridor boundary and topographic portion were collected using Trimble S-Series Total Stations and a Leica P40 3D Laser Scanner. Deliverables were drafted and produced in AutoCAD.

In Phase III, Cole is providing civil engineering services including full depth asphalt replacement, storm sewer modifications, 1,000 feet of vertical correction at the intersection of Rue De Paix, the addition of turn lanes at Bent Oak Drive and Bent Oak Cutoff, a tree preservation plan, and right-of-way design.