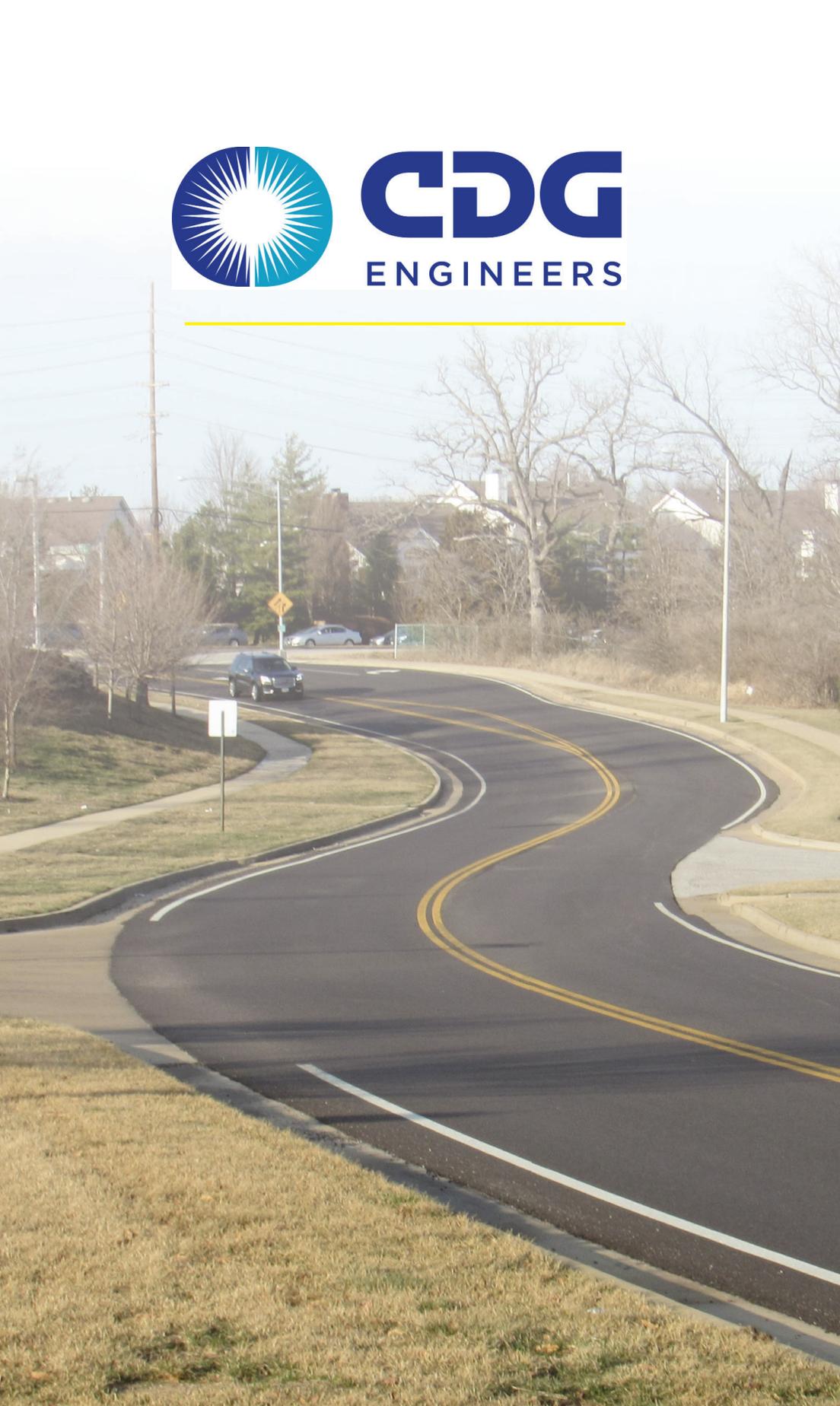




CDG
ENGINEERS



**ENGINEERING
A BETTER WAY**

cdgengineers.com

One Campbell Plaza
St. Louis, Missouri 63139

ST. LOUIS, MO

CHARLOTTE, NC

SHERIDAN, WY

TROY, IL

33

Years of Engineering Excellence

100+

Employees Firm-Wide

200+

Bridges Inspected & Designed by
CDG Staff

300+

Trail, Roadway, Sidewalk, & ADA
Improvements in the Last 5 Years

FIRM OVERVIEW

CDG is a full service, multi-discipline engineering firm with capabilities in civil, structural, mechanical and electrical engineering, as well as architecture. Services include planning, engineering, architectural design, and construction administration. CDG works in the fields of public works/infrastructure, power, renewable energy, industrial, and mining.

In 2025, CDG celebrated 33 years of engineering excellence. We have built our reputation on referrals and repeat business and have created trusted partnerships with our clients that is based on integrity, value, and responsiveness.

INFRASTRUCTURE SERVICES

CDG provides a wide variety of infrastructure services. These services largely involve public works and concentrate on state and local infrastructure. Projects range from roads, highways, and pedestrian trails to bridges, culverts, river structures, and more.

Transportation

- > Roads and Highways
- > Bike/Pedestrian Trails
- > Marine Facilities
- > Bridges
- > Streetscapes
- > Rail

Water Resources

- > Hydraulic Modeling
- > Hydrologic Analysis
- > Flood Protection
- > Streambank Stabilization
- > Stormwater
- > Wastewater
- > Potable Water

Site Development

- > Planning
- > Drainage
- > Grading
- > Parking Lots



STRUCTURES

CDG provides clients with practical and cost-effective structural engineering solutions. Our staff can provide inspection, evaluation, design, and construction aspects of structures such as stream crossing bridges, grade separations, culverts, retaining walls, and other unique structures.



ROADWAYS

CDG provides clients with full spectrum engineering solutions for roads and highways. Our experienced staff has expertise in roadway widening, intersection design and realignment, transit planning, curb design, streambank stabilizations, streetscape improvements, and hydraulics and hydrology.



TRAILS & SIDEWALKS

CDG recognizes the importance of pedestrian-friendly spaces and brings a unique approach to trail design by incorporating community needs, regulatory constraints, and aesthetic considerations to each project. Our experienced staff also have extensive knowledge in ADA compliance.



Henry Avenue Roadway Improvements, STP-4939(604), City of Ballwin, MO - 1.3 miles of roadway improvements from Clayton Road south to the city limits. Cold milling and resurfacing of 4-5 inches of asphalt pavement; replacement of structurally deficient curb and gutter sections; new curb and gutter; re-established gutter capacity where curb was overlaid; stormwater upgrades; new storm sewers where needed; new sidewalks; and curb ramps to comply with ADA requirements; striping and crosswalks.



Boeuf Creek Road Bridge Replacement, STP-5490(615), Franklin County, MO - Replacement of existing bridge and roadway realignment over a tributary to Boeuf Creek. The existing bridge carried a single lane of traffic. A 65' long single span precast, prestressed concrete spread box beam bridge on pile cap integral end bents was the best solutions for this site. Two 12' lanes with 2' shoulders were provided. The road was raised slightly at the bridge and approaches to accommodate the increased depth of the new, longer bridge. CDG provided both design and construction engineering services for this project.



Rock Island Spur Trail (47-mile Extension of Katy Trail State Park), Missouri State Parks - CDG designed the western Missouri ped/bike trail and performed construction inspection between Windsor and Pleasant Hill, Missouri, along the abandoned Missouri Central Railroad corridor. The 12' wide gravel trail travels over 85 existing bridges and culverts. Several trailheads and road crossings over county/state routes were developed during design.



Lucas-Hunt Road (North) Improvements, St. Louis County, MO - Engineering and design services for 1.3 miles of roadway improvements to Lucas-Hunt Road between Hord/Hulskamp Avenue and Halls Ferry Road (HWY AC). Included surveying, utility coordination, stakeholder coordination, and environmental permitting. Design consisted of cold milling 3 inches of asphalt pavement, asphalt resurfacing, partial depth pavement and concrete base repairs, pavement joint repairs, guardrail removal and replacement to meet MASH standards, replacement of structurally deficient concrete curb and gutter and sidewalk sections, upgrading curb ramps to comply with ADA requirements, traffic control, and erosion control.



Longview Drive Bridge, St. Louis County, MO - St. Louis County DOT needed to replace Bridge No. 511 located immediately east of State Route 61/67 (Ferry Road). It was determined to temporarily divert and construct a two-lane temporary road to the north across private property in an easement then returning the ground to its original condition. A custom designed single cell 20' wide x 8' tall cast-in-place box culvert was selected as the best option with a slightly raised deck. After the new bridge was constructed, the temporary road and box culvert were removed and the site was re-graded and vegetated with native grasses. It was turned back over to the property owner.



Laclede's Landing Street Improvements, HUD No. 2008-DI-114, City of St. Louis Land Clearance for Redevelopment Authority (LCRA) - \$5.2M project to reconstruct 1st and 2nd Streets in Historic Laclede's Landing in downtown St. Louis. Removed cobblestones and added concrete curb and gutter. New concrete sidewalks and crosswalks (redesigned 35 ADA compliant curb ramps). Improved stormwater system and replaced entire street lighting system and power supply. CDG performed all LPA required CE inspections, documentation, and submittals.