



**Missouri's  
Local  
Program**  
*for community  
development*

## COVER SHEET

(This must accompany your firm's letter of interest and does not count in the page limit)

Firm's Full Legal  
Name:

CDG Engineers, Inc.

Firm Contact Name:

Daniel J. Rieck, PE

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Address:

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One Campbell Plaza

St. Louis, MO 63139

Work Category:

- Roadway Design
- Trails & Sidewalks
- Construction Inspection
- Traffic Engineering & TEAP
- Structures
- Environmental
- Historic Preservation
- Multimodal Planning / Systems and Facilities Design
- Transportation Planning – **NEW CATEGORY**

December 12, 2025

## LOCAL PUBLIC AGENCIES OF MISSOURI

**RE: Letter of Interest for Roadway Design  
CDG Qualification No. M25327**

Dear Members of the Selection Committee:

CDG Engineers, Inc. ("CDG") is pleased to submit our qualifications for review and consideration. This letter is in response to a request for Missouri's Local Program ("LPA") Consulting Services prequalification for the Roadway Design category. CDG is currently on MoDOT's Approved Consultant Prequalification List.

### General Experience:

CDG's team of engineers has worked on several MoDOT roadway projects. CDG has a full-time professional staff of more than 80 personnel in our St. Louis office, including more than 15 civil roadway engineers and technicians who have the appropriate experience and available capacity for this work. CDG has the following expertise:

- > Roadway Rehabilitation
- > Traffic Signal Upgrades
- > Water Quality BMPs
- > Stormwater Design
- > New Road Design
- > ADA Compliance
- > Road Safety Enhancements
- > Construction Cost Estimating
- > Lane Addition/Widening
- > 3D Modeling
- > STP Project Delivery
- > Utility Coordination
- > QA/QC Review
- > Hydraulics/Hydrology
- > Traffic Control Plans

### Past Performance:

CDG's staff members are familiar with MoDOT's policies and procedures and have good working relationships with MoDOT staff. CDG understands the importance of project performance and its direct link to client satisfaction and repeat business. We have built our business by delivering high quality projects on schedule and budget while maintaining open client communications and closely tracking scope and project goals.

CDG is well versed in all aspects of roadway design. In addition to MoDOT, CDG has recently worked for St. Louis, Franklin, Jefferson, and St. Charles Counties; and the Cities of Ballwin, Chesterfield, Webster Groves, Wentzville, and Wildwood. CDG has successfully designed roadways, ADA compliant sidewalks, trails, sewers, retaining walls, and bridges. Most of these projects have been federally funded. CDG's clients can expect turnkey solutions from project conception to completion.

#### **Jennings Station Road Improvements, STP-5608(606) and Lucas-Hunt Road Improvements, STP-9901(637), St. Louis County Highway Dept. –**

[Jennings Station](#) (right existing photo): 0.70-mile of ADA upgrades and roadway resurfacing. Upgrading ADA crossings (designed 57 ADA curb ramps) and traffic signals at three intersections, and utility coordination.

Const. Cost of \$1.9M in 2020. [Lucas-Hunt](#): 1.3 miles of ADA upgrades and roadway resurfacing. ADA facilities upgraded and performed utility coordination. Constructed 2022-2023. PM: D. Rieck; Lead Designer: K. O'Shaughnessy. Ref: County PM Brian Gettinger, PE, 314.615.8503, [BGettinger@stlouisco.com](mailto:BGettinger@stlouisco.com).



**Big Bend Boulevard Resurfacing, STP-5537(624) and Big Bend Road ARS Resurfacing, STP-5537(625), St. Louis County, MO** – Big Bend Boulevard: Design of 0.7-mile-long ADA improvements, roadway resurfacing, and traffic signal upgrades between Summit Avenue and Laclede Station

Road. Construction budget of \$2.1M programmed in FY 2026. Big Bend Road: Design of one-mile-long ADA improvements, roadway resurfacing, and traffic signal upgrades between Couch Avenue and Kirkwood Road. Also includes BNSF railroad crossing improvements at Geyer Road. Construction budget of \$3.6M programmed in FY 2026. PM: D. Rieck; Lead Designer: K. O'Shaughnessy. [Ref: County PM Brian Gettinger, PE, 314.615.8503, BGettinger@stlouisco.com](#).

**Pennsylvania Avenue Resurfacing (Phase I), STBG-9901(686), St. Louis County, MO** – Design of 0.88-mile-long ADA improvements, roadway resurfacing, and safety improvements with buffered bike lanes between Page Avenue to St. Charles Rock Road. \$1.5M programmed in FY 2026. PM: D. Rieck. [Ref: Brian Roth-Roffy, PM, 314.615.5957](#)

**Charbonier Road Resurfacing, STP-5506(604), St. Louis County, MO** – Design of 1.29-mile-long ADA improvements, roadway resurfacing, and traffic signal upgrades between Howdershell Road and Shackelford Road. \$1.5M programmed in FY 2026. [Ref: Jeff Davis, PM, 314.615.6668](#)

**Hawks Nest Drive Rehabilitation and Shared Use Path, STP-730296860, City of St. Charles, MO** – Design of two (2) sections of roadway. First section is the design of full-depth concrete pavement reconstruction with a road diet and off-road, 10-foot-wide shared use path. Second section includes selective slab replacement and an on-road, six-foot-wide bike lane. Project is under construction. PM: K. O'Shaughnessy [Ref: Johnathan Silver, PM, 636.949.3241](#)

**Muegge Road Rehabilitation and Shared Use Path, STP-7302 (692), City of St. Charles, MO** – Design of 0.57-mile-long selective slab replacement restoration along with ADA improvements, pedestrian signal upgrades, and construction of 5-foot-wide sidewalk and a 10-foot-wide concrete shared use path. Design completed in 2025. Currently under construction. PM: D. Rieck. [Ref: Dan Mann, Director of Engineering, 636.949.3237, daniel.mann@stcharlescitemo.gov](#)



**Old Lemay Ferry Road Safety Improvements, STP-5461(611), Jefferson County, MO** – 0.73 mile road improvements from Kneff Road/Dry Fork Road to the north including Frisco Hills Road/East Four Ridge Road intersection. Milling and resurfacing asphalt pavement; addition of new 4-foot-wide shoulders and edge line rumble strips; guardrail; roadway radius curvature improvements; new signage; sight distance improvements; retaining wall; drainage improvements; and utility relocations. Project is under construction. [Ref: Robert Russell, Project Manager, Jefferson County, 636.797.5340, russell@jeffcomo.org](#)



**Clayton Road Improvements, Phase I & II, STP-5532 (607) and (609), Town & Country, MO** – Included pavement resurfacing (mill and overlay), three miles of off-road shared use path, 17 intersection upgrades, ADA compliant design, stormwater drainage upgrades, utility relocations, BMP water quality design and construction phase services. \$3.96M total Phase I & II Construction. Lead Designer: D. Rieck. [Ref: Tim Randick, Assistant City Engineer, 314.587.2822, randickt@town-and-country.org](#).



**Laclede's Landing Street Improvements, HUD No. 2008-DI-114, City of St. Louis L.C.R.A. (Land Clearance Redevelopment Authority)** – \$5.2M project to reconstruct 1<sup>st</sup> and 2<sup>nd</sup> Streets on historic Laclede's Landing in downtown St. Louis. Removed and reset cobblestone street pavers, upgraded underground utilities, added concrete curb and gutter, new ADA compliant sidewalks and cross walks ([redesigned 23 ADA curb](#)



ramps). Replaced entire street lighting system and power supply. 2020 Construction. PM: S. Hilderbrand; Lead Designer: K. O'Shaughnessy. Ref: Rob Orr, LCRA Project Manager, 314.657.3742, [OrrR@stlouis-mo.gov](mailto:OrrR@stlouis-mo.gov).

**Qualifications of Personnel:**

The following are some of CDG's key civil engineers:



37 years exp.

**Steve Hilderbrand, PE, CFM**  
Manager, Water Resources

- QA/QC Review
- Roadway Design
- Stormwater Drainage



13 years exp.

**Kevin O'Shaughnessy, PE, PMP** – Civil Project Manager

- Project Management
- Roadway Design
- Ped/Bike Facilities



19 years exp.

**Dan Rieck, PE, LSIT**  
Manager, Civil Infrastructure

- Project Management
- Roadway Design
- ADA Compliance



5 years exp.

**Chase McCorkle**  
Civil Engineer

- ADA Ramps & Upgrades
- Roadway Design
- Hydraulic Analysis



21 years exp.

**Mike McMillion, PE**  
Civil Engineer

- Roadway Design
- Storm Sewer Design
- Utility Coordination



43 years exp.

**Katerina Polovina, PE**  
Water Resources Engineer

- Roadway Design
- Hydraulics/Hydrology
- Storm Sewer Design

**Familiarity/Capability:**

CDG has successfully designed multiple projects for MoDOT over the years. Our team will work closely with the engineering staff to ensure projects stay on schedule.

CDG understands the requirements of projects with federal funding and knows how to deliver projects meeting those requirements. We look for opportunities to apply innovative and practical design solutions to improve project economy and efficiency. CDG has held the On-Call contract with MoDOT for roadway design and has completed multiple projects across the St. Louis district. We understand all relevant design requirements of AASHTO and MoDOT and are very familiar with the EPG policies and procedures.

**Accessibility:**

CDG understands that clients need consultants who can respond quickly to requests. Responsiveness is engrained in our corporate culture and a requirement of our employees. CDG prides itself in being available to our clients with a pledge to respond within 24 hours. Maintaining active Consultant-to-Client communications on project engineering and design assignments is vital for success and is a trademark of CDG.

Sincerely,

**CDG Engineers, Inc.**



Daniel J. Rieck, PE, Manager Civil Infrastructure, [drieck@cdgengineers.com](mailto:drieck@cdgengineers.com)



**CDG**  
ENGINEERS



**ENGINEERING  
A BETTER WAY**

[cdgengineers.com](http://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.

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**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 rased 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.