



**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:

Stephen G. Hilderbrand, PE, CFM

Contact Email  
Address:

shilderbrand@cdgengineers.com

Firm's Mailing Address:

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 Construction Inspection  
 CDG Qualification No. M25327**

Dear Members of the Selection Committee:

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

**General Experience:**

Our team of engineers has worked on numerous LPA projects in the St. Louis area and surrounding counties, many of which included construction inspection. CDG has a full-time professional staff of more than 80 personnel in our St. Louis office, including more than 15 civil/structural engineers and technicians who have the appropriate experience and available capacity for this work. CDG has the following expertise:

- > Bid Concurrence
  - > Site Inspections
  - > LPA Project Diaries
  - > Change Orders
  - > Wage Rate Interviews
  - > Daily & Quant. Diaries
- > Pre-Construction Meetings
  - > Utility Coordination
  - > Public Safety Reviews
  - > Review of Pay Requests
  - > Reimb. Requests
  - > LPA Staff Support
- > Shop Drawing Review
  - > SWPPP Site Review
  - > Contract Pay Items
  - > Progress Reports
  - > Project Closeout Doc.
  - > Value Eng. Reviews

**Past Performance:**

CDG has built business by delivering high quality projects on schedule and budget while maintaining open client communications and closely tracking scope and project goals. CDG has never lost federal funding due to a project failing to meet the reasonable progress schedule.

**Fiddle Creek Road Bridge (STP-5489(609)), Franklin County, Missouri**  
 – Replaced existing 42' long bridge with 83' long P/S NU-girder bridge. 530' of associated roadway reconstruction & site/safety improvements. CDG performed all LPA required CE inspections, documentation and submittals. Constructed 2019. **Ref:** Jim Grutsch, County Administrator, 636.583.6361, [jgrutsch@franklinmo.net](mailto:jgrutsch@franklinmo.net)



**Boeuf Creek Road Bridge (STP-5490(615)), Franklin County, Missouri**  
 – 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 solution 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. Construction 2022. **Ref:** Jim Grutsch, County Administrator, 636.583.6361, [jgrutsch@franklinmo.net](mailto:jgrutsch@franklinmo.net)



**New Hope Church Road over Little Indian and Big Indian Creeks, (STP-5489(604)), Franklin County, Missouri** – Bridge Nos. 3100013 (118') P/S NU-girder; and 3100014 (50'-55'-50') P/S I-girder (right photo). All pile cap integral end bents open intermediate bents on drilled shafts at #3100014. CDG performed full LPA project Construction Engineering on this project. [Ref: Jim Grutsch, County Administrator, 636.583.6361, \[jgrutsch@franklinmo.net\]\(mailto:jgrutsch@franklinmo.net\)](#)

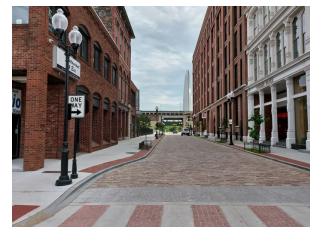
**Kingsland Avenue Bridge Reconstruction (BRM/STP-5582(604)), City of University City, Missouri** – Removal and replacement (cut and cover) of the top slab structure along 1,000' of a 4-sided tunnel section carrying the northeast branch of River des Peres between Etzel and Bartmer Avenues along with a side alley structure over the same stream. Staged construction designed into project to allow local traffic to cross Kingsland Avenue during construction. CDG performed all LPA required CE inspections, documentation and submittals. Construction 2019. [Ref: Mirela Celaj, Director of Public Works, 314.505.8548, \[mcelaj@ucitymo.org\]\(mailto:mcelaj@ucitymo.org\)](#)



**Fee Fee Road Improvements (STP-5408(606)), City of Hazelwood, MO** – Pavement widening for a new center turn lane, pedestrian access improved with a new sidewalk and a new crossing at Fee Fee & McDonnell. Project included a landscaped median, ADA compliant curb ramps and ped signals, stormwater improvements, utility relocation coordination and designing MSD “water quality” BMPs. CDG performed all LPA required CE inspections, documentation and submittals. Construction 2016. Lead CE: K. O’Shaughnessy. [Ref: Nikki Miller, Project Development Coordinator, 314.513.0531, \[mmmiller@hazelwoodmo.org\]\(mailto:mmmiller@hazelwoodmo.org\)](#)



**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. Lead CE: K. O’Shaughnessy. [Ref: Rob Orr, LCRA/SLDC Project Manager, 314.657.3742, \[OrrR@stlouis-mo.gov\]\(mailto:OrrR@stlouis-mo.gov\)](#)



**Carrie Avenue Improvements, SLDC (St. Louis Development Corporation)** – CDG performed all design and full time Construction Engineering. Widened 1,300' of Carrie Avenue in two sections and rehabilitated 1,600' of Carrie for its full width. Staged construction so roadway could remain open to two-way traffic during construction. Coordination with Terminal RR and Norfolk Southern RR to upgrade an at-grade crossing within the project limits. Reset existing granite curbs and added several new driveway entrances. Improved sidewalks to ADA compliance and added curb ramps as needed. [Ref: Rob Orr, LCRA/SLDC, 314.657.3742, \[OrrR@stlouis-mo.gov\]\(mailto:OrrR@stlouis-mo.gov\)](#)

**Capetown Village South and Pine View Acres Subdivision Pavement Removal & Replacement, Jefferson County On-Call Contract MOU #19-1** –Periodic const. inspection for pavement replacement project (various streets). Review of materials/mix designs, quantities and traffic control; wage rate interviews; certified payrolls; coordinated with County testing firm. Used APPIA software for diaries and documentation. Constructed 2019. Lead CE: H. Bowman [Ref: Brian Dugan, PE, 636.797.6080, \[bdugan@jeffcomo.org\]\(mailto:bdugan@jeffcomo.org\)](#)

### Qualifications of Personnel:

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

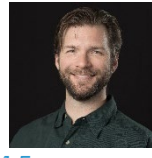


37 years exp.

**Steve Hilderbrand, PE, CFM**

Water Resources Manager

- QA/QC Review
- Roadway Design
- Stormwater Drainage



15 years exp.

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

- Project Management
- Ped/Bike Facilities



19 years exp.

**Dan Rieck, PE, LSIT**

Civil Infrastructure Manager

- Project Management
- Roadway Design
- LPA Basic Training Cert.



21 years exp.

**Mike McMillion, PE**

Civil Engineer

- Roadway Design
- Storm Sewer Design
- Utility Coordination



30 years exp.

**Hank Bowman**

Civil Technician

- Construction Inspect.
- Surveying
- Roads & Bridges



5 years exp.

**Chase McCorkle**

Civil Engineer

- Construction Inspect.
- Surveying
- LPA Basic Training Cert.

### Familiarity/Capability:

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 have completed multiple LPA projects across the St. Louis metro area. We understand the documentation required for LPA construction projects.

### 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.**



Stephen G. Hilderbrand, PE, CFM  
Manager, Water Resources – [shilderbrand@cdgengineers.com](mailto:shilderbrand@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.



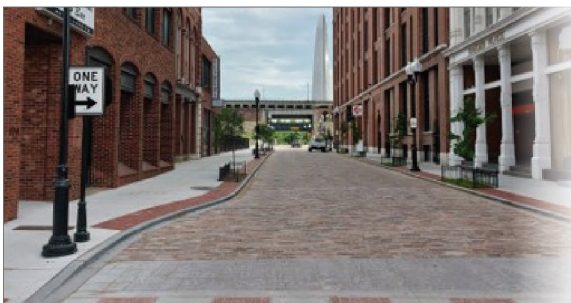
**Rock Island Spur Trail (47-mile Extension of Katy Trail State Park), Missouri State Parks** - CDG designed the western Missouri ped/bike trail and performed construction inspection between Windsor and Pleasant Hill, Missouri, along the abandoned Missouri Central Railroad corridor. The 12' wide gravel 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.