CDG Engineers, Inc. Company Overview

**Established:** CDG was established in 1992 as part of the re-organization of a firm that was originally founded in 1941 as Neal J. Campbell Consulting Engineers.

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

**Technology:** Resources include up-to-date CADD systems and software capabilities in AutoCAD and Microstation for design, 3-D modeling, animations, visualization graphics, Geographic Information Systems (GIS), Building Information Management (BIM), etc.


We have built our reputation on referrals and repeat business and work diligently to deliver value added services that other engineering companies are unable or unwilling to provide.

**Core Capabilities**
- LPA Project Administration and Execution
- Roads/Bridges/Culverts/Retaining Wall Structures
- Street and Streetscape Improvements & Other Transportation Enhancements
- Sanitary Sewers and Storm Water Drainage and Control Systems
- Floodplain Protection Studies, including Hydrological and Hydraulic Modeling
- Creek/Channel/Stream Restoration, including Erosion Control
- Administrative, Maintenance and Support Buildings Programming and Design, as well as Site Planning and Other Project and Construction and Administration Services
STRUCTURES

CDG has a strong reputation in structural engineering design services, and we pride ourselves on exceeding client expectations.

CDG provides clients with practical and cost effective structural engineering solutions. Our team of structural engineers specializes in stream crossing bridges, grade separations, culverts, retaining walls and other unique structures.

CDG’s clients - including state agencies, counties and municipal governments - can expect turnkey solutions from project conception to completion on small and large projects alike. Our engineers make a commitment to work within the client’s budget, and we have a good estimate and bid result history. We have the capability to do all of our technical design is done in-house, and we understand project goals and challenges. The detailed plans and specifications we provide to our clients reduce the number of change orders, ensuring we stay on schedule and on budget. Our engineers are well suited to make recommendations for replacement, rehabilitation and/or reuse in place to ensure your project is both safe and cost effective.

CDG’s Structural Experience Includes:

- Structural Engineering, Analysis & Design
- New Bridges, Culverts and Retaining Walls
- Existing Structure Rehabilitation
- Miscellaneous Structures
- Alternative Cost Comparison
- BEAP Services
- Construction Administration

Key Personnel:

- Glenn Smith, PE
- Tim Nugent, PE
- Nathan Barger, PE
- Sarah Bruehl, EI
- Paul Cardwell, PE
- Amy Gao
- Jim Newcomer, PE, SE
Pedestrian & Bicycle Trails and Sidewalks

CDG brings a unique approach to bike and pedestrian trail project development by incorporating community needs, regulatory constraints and aesthetic considerations. CDG can provide the following expertise on your next project:

- Funding Acquisition
- Design Engineering
- Hydraulic Analysis Services
- Permitting Assistance
- Utility Design for Power and Lighting

Clients Served
- City of Ballwin
- City of Chesterfield
- City of Columbia
- City of Ladue
- City of Maryland Heights
- City of St. Louis
- City of Sunset Hills
- City of Town and Country
- CityArchRiver Foundation
- Great Rivers Greenway
- Jefferson County
- Missouri Department of Natural Resources - State Parks
- St. Louis Development Corporation

Roadway Design and Trails & Sidewalks

Key Personnel:

- Steve Hilderbrand, PE
- Greg Recker, PE
- Greg Brunkhorst, AIA, LEED AP
- Dan Rieck, PE
- Matt Voss, PE
- Katerina Polovina, PE
- Kevin O'Shaughnessy, PE
- Glenn Smith, PE

Roadway Capabilities

CDG provides clients with a full spectrum of engineering and architecture services, including integrated civil engineering solutions that run the gamut from planning and site design to compliance and permitting to construction. Our diverse projects include:

- Roadways
- Streetscapes
- Storm Water Management
- Site Planning and Design Development
- Utility and Sewer Studies

At CDG we understand that each civil engineering project is unique and we always make it a priority to ensure our team understands the client’s vision.
Construction Inspection
CDG has extensive experience in the successful completion of multiple construction inspection projects. Our team has the capacity to identify and resolve any conflicts, avoiding project delays.

Our staff members have frequently provided full-time and periodic CE/CA services and are familiar with Federal Highway Administration and MoDOT requirements for Surface Transportation Programs. With that said, CDG staff members are equipped to manage/negotiate change orders, conduct independent cost estimates and coordinate with the LPA and MoDOT.

Construction Inspection
Project Experience:

City of Chesterfield - Appalachian Trail Drive Phase I Improvements
City of Crestwood - Bridge Replacement over a section of Gravois Creek in White Cliff Park
City of Des Peres - Brookbend Drive Bridge Replacement
Franklin County (Highway Department) - New Hope Church Road Bridge Replacements
Franklin County (Highway Department) - Enoch’s Knob Road Bridge Replacement
City of Hazelwood - Fee Fee Road Improvements
City of Ladue - Ladue & North Warson Roads Site and Sidewalk Improvements
City of Pacific - Payne Street Site Improvements
St. Louis Board of Public Service - Delor Avenue Street Improvements
City of St. Louis - St. Louis Development Corporation - Carrie Avenue Improvements
City of St. Louis-St. Louis Development Corporation-Laclede’s Landing Streetscape
City of Town & County - Clayton Road Improvements
City of University City - Olive Boulevard Improvements

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