

CORPORATE  
BROCHURE



# CONSTRUCTION MATERIALS TESTING and INSPECTION



CFS is a full-service civil engineering consulting firm that provides professional engineering, transportation and environmental services throughout the Midwest. Our staff of over 90 professionals offers client-focused solutions for public infrastructure, private development, structural, geotechnical and survey projects. As a medium sized firm, we maintain stability, constantly pushing for state-of-the-art solutions, while remaining focused on our core values of service and project quality. We consider it a privilege to have partnered with hundreds of communities and clients for the past half-century.

We prove to our clients that as a vibrant engineering firm, our team includes dynamic professionals passionate about tackling challenges and generating real-world, common sense solutions. Within each project, we strive to improve quality of life, protect natural resources, and better the environment. CFS integrates a broad range of services within one organization, offers comprehensive approaches to clients, and provides expertise in applying smart green infrastructure.

## SPECIAL INSPECTIONS AND TESTING

CFS provides the following services focused on testing and inspections for vertical and horizontal projects: soil and earthwork, pavement, building slab and pavement, backfill, foundations, drilled pier, auger cast pile, micropiles, rammed aggregate piers, cast-in-place concrete, precast concrete erection, post tension slab, structural steel, structural masonry, wood framing, fire-proofing, and EFIS. We perform laboratory testing in support of concrete air and slump field testing, including Proctor, gradation, specific gravity, moisture content, organic content, pH value, shrinkage and crumb dispersion, and making and breaking of concrete test cylinders.

## CONSTRUCTION INSPECTION AND ADMINISTRATION

CFS has provided construction phase services for 57 years. Our staff of certified inspectors and managers work with the Client to review construction activities in accordance with the design and contract documents, current construction standards and specifications within the allocated budget and scheduled deadlines. Our staff of experienced construction managers and observers/inspectors are provided with on-going training and certified and calibrated equipment.

## ADDITIONAL PROJECT HIGHLIGHTS

### SCHOOL ROAD I PHASES I, II, AND III *Cass County, Missouri*

CFS is designing and providing construction inspection for this project. The project is from Hubach Hill Road to 195th Street (Phase 1), 195th Street to 203rd Street (Phase 2), and 203rd Street to 211th Street (Phase 3), each project is approximately one mile. The project includes converting an existing 24' roadway with open ditches to a 24' urban roadway with curb and gutter and storm sewers.

Type of Business: Corporation  
Date of Establishment: 1961

### CONTACT INFORMATION

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SCHOOL ROAD I PHASE II  
Cass County, Missouri

### INTERURBAN ROAD *Platte County, Missouri*

This project consists of pavement overlay and widening of approximately 29,500 linear feet of Interurban Road between State Route HH and Pleasant Grove Road. Construction will consist of removal of improvements, linear grading, drainage structures, underdrains, paving, erosion control, seeding and mulching, pavement marking, and traffic control.

### DRAKE HARBOR PHASE II TRAILS *Warsaw, Missouri*

CFS provided construction staking and assisted City personnel during construction of a 10' river walk to the Drake Harbor recreation and festival area with lighting and electrical hookups for festivals and seasonal activities along the riverfront.

### STEAMBOAT LANDING RIVERWALK *Warsaw, Missouri*

CFS provided construction administration and observation as well as overseeing and training City staff assisting with inspection of a bike/pedestrian path and boardwalk along the northern perimeter of Drake Harbor including cantilevered decking bump-outs and connections for boat slips.

### PHASE III RIVERWALK *Warsaw, Missouri*

CFS provided material and shop drawing review, coordination and construction administration and observation for 1200 feet of lighted bike/pedestrian pathway and a 120 foot span pedestrian bridge that extends along the waterfront of the Osage River/Lake of the Ozarks.

### JOE DICE BRIDGE & TRAILHEAD IMPROVEMENTS *Warsaw, Missouri*

CFS provided review and construction coordination and assisted City staff with construction administration, coordination and inspection for bridge lighting, brick-paved pathway with ornamental path lighting, parking lot, kiosks, park benches, bike racks and restroom.

### ARRA FUNDED | CITY-WIDE INFRASTRUCTURE IMPROVEMENTS *Warsaw, Missouri*

CFS provided engineering design services and all aspects of construction administration and observation for \$4 million of ARRA funded infrastructure improvements in the City of Warsaw, including major sanitary sewer replacement and repair, Town Branch Creek channel repairs, upgrades to the sewage treatment plant and construction of a new maintenance building and parking lot.

### NORTHWOOD ROAD *Riverside, Missouri / MoDOT*

CFS provided full-time construction administration and inspection and materials testing for this \$5.5 Million roadway construction project from Route 9 to 52nd Street in Riverside.

### CASS COUNTY BRIDGES *Cass County, Missouri*

CFS provided engineering design and construction services for numerous bridges in Cass County, MO. A sampling of bridges include: Bridge No. 1120004, BRO-B019 (32) over Big Creek, Grand River Road Bridge Replacement Project, and Broadman Road Bridge Replacement, Br. No. 02200001, BRO-B019, Br. No. 3000006, BRO-B019, Br. No. 3290013, BRO-B019, Br. No. 2170001, Br. No. 51100101, and Br. No. 4520013 over Big Creek.



JOE DICE BRIDGE TRAILHEAD IMPROVEMENT  
Warsaw, Missouri



PHASE III RIVERWALK  
Warsaw, Missouri



PARK ROAD BRIDGE  
Cass County, Missouri

One Vision. One Team. One Call.



# REFERENCE FORMS

