



# Missouri's Local Program 2026-2029 On-Call Solicitation



## COVER SHEET

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

Firm's Full Legal Name: SC Engineering, LLC, dba Cochran

Firm Contact Name: David Christensen, PE, MPPA

Contact Email Address: david@cochraneng.com

Firm's Mailing Address: 1735 Westpark Center Drive  
Fenton, MO 63026

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**



Dear Ms. Buechter,

SC Engineering, LLC, dba Cochran is pleased to present our Letter of Interest to the Missouri Department of Transportation to provide On-Call Professional Services for construction inspection. We hope that the enclosed information will demonstrate our qualifications to provide these services to Missouri's Local Public Agencies. Should you have any questions or need additional information, please contact Vice President David Christensen, PE, MPPA, on his direct line at (314) 220-7016 or via email at david@cochraneng.com.



**Prequalification.** SC Engineering, LLC, dba Cochran is prequalified with MoDOT, listed in MoDOT's Approved Consultant Prequalification List and compliant with all of its financial and on-call requirements.

### GENERAL EXPERIENCE OF FIRM

SC Engineering, LLC, dba Cochran specializes in providing construction inspection services for federally funded projects to counties and municipalities throughout Missouri. **Over the past 18 years, SC Engineering, LLC, dba Cochran has inspected 140+ federal roadway, bridge and sidewalk projects.** Our services include construction inspection and administration activities in accordance with MoDOT's updated FAST Guidelines, including: MoDOT Certified Inspectors are required for concrete and asphalt field testing, daily concrete testing (cast cylinders, slump and air), pavement coring the next day after each paving day, nuclear density testing during the asphalt paving operation, daily on-site construction inspection, in-depth justification pertaining to change orders (including price justifications and breakdowns), daily photo log, DBE-CUF Forms – assurance that DBE is doing designated work, land disturbance forms to be filled out each week to assure erosion control measures are properly maintained.

In addition, Cochran maintains a soils mechanics laboratory equipped with modern testing instrumentation. Tests are conducted in accordance with applicable ASTM procedures. We conduct field inspection/testing and lab analysis/testing services to ensure that project specifications are met. Our technicians are MoDOT certified and have ACI Registrations to provide all facets of pavement and bridge construction quality control. Lab services include: asphalt material testing, sieve analysis, asphalt core density, soil testing, atterberg limits, standard and modified proctor, aggregate analysis, and concrete compression testing.

### Recent Project Experience

Since all of these projects were federally funded, all construction documents were required to meet standards for project delivery as outlined in MoDOT's Local Public Agency (LPA) manual.

#### Manchester & Taylor Roads Resurfacing, Traffic Signal and ADA Upgrades - STP-5536(614)

##### City of Wildwood

Cochran provided comprehensive construction administration, inspection, and materials testing services to deliver the project in full compliance with MoDOT's Local Public Agency (LPA) procedures. Design improvements included new concrete curb and pavement sections, replacement sidewalks with ADA-compliant ramps, decorative street lighting, signal upgrades with aesthetic enhancements, and full asphalt resurfacing with final striping. To reduce daytime impacts, key portions of paving and signal work were completed overnight, allowing for continuous access to adjacent properties and safe travel through the corridor. Completed 2025. **Contact:** Brendan Maher, Project Manager, (636) 405-2043.



#### Bridge Replacement, Iron County Road 053, Bridge 05300151 - BRO-B047(16)

##### Iron County

Cochran provided engineering design and construction inspection on a new single span 40' bridge with 22-foot deck width and precast concrete deck beams to replace Bridge No. 05300151 on Iron County Road 053 with approximately 350 LF of new asphalt roadway. The scope of work included bridge removal, earthwork, pre-bore for piling, structural steel piling, concrete substructure, precast concrete deck beams, SL-1 guardrail, asphalt pavement, and traffic control. Completed 2024. **Contact:** Jim Scaggs, Presiding Commissioner, (573) 546-5700.



#### Little Indian Creek Road Bridge - STP-5489(614)

##### Franklin County Highway Department

Cochran performed the grant application, surveying, design, bidding documents and construction inspection for this federal aid bridge replacement on Little Indian Creek Road over Girard Branch in Franklin County. The 0.10 mile bridge replacement project included a 44'-long single span structure, clearing and grubbing;



removal of improvements; unclassified excavation; embankment in place; guard rail, asphalt pavement, removal of bridge, type 2 rock blanket, steel beam bridge superstructure, reinforcing steel, construction signs, and open concrete barrier curbs. Completed in 2024. **Contact:** Jim Grutsch, Highway Administrator, (636) 583-6361.

**Third Street Improvements - STP-6401(602)**

**City of Washington**

Cochran provided comprehensive engineering design services, including construction inspection, for the resurfacing of approximately 0.65 miles of Third Street, extending from Jefferson Street to Highway 47. The scope of work included: removal and replacement of all existing sidewalks and curb and gutter systems to ensure compliance with ADA standards, full-width cold milling of the existing asphalt surface, placement of a two-inch asphalt overlay to restore structural integrity and ride quality. Coordination with utility providers, including the City of Washington, Spire (natural gas), and Ameren (electric), to mitigate conflicts and ensure uninterrupted service during construction. Completed 2024. **Contact:** Darren Lamb, City Administrator, (636) 390-1000.



**North Main Street Improvements - Federal Project STP-2200(612)**

**City of De Soto**

Cochran's services for this 0.6-mile project included federal aid application, survey, environmental, engineering design, bidding administration, and construction inspection. The scope of work included improvements to North Main Street and pavement preparation, asphalt overlay, new ADA-compliant sidewalks, ramps and entrances, concrete curb replacement, storm sewer improvements, street lighting, retaining walls, pavement striping, and traffic control. Completed in 2023. **Contact:** Todd Melkus, City Manager, (636) 586-3326.



**Holloway Road Improvements – STP-4939(608)**

**City of Ballwin**

Cochran performed the surveying, engineering design, bidding documents, and construction inspection services for this federally funded STP road rehabilitation project, which included: concrete curb and gutter replacement, milling, pavement repairs, full depth concrete pavement, asphalt paving, ADA ramps, concrete sidewalks, and pavement striping. Completed in 2021. Contact: Jim Link, Director of Public Works, (636) 227-9000.



**PAST PERFORMANCE**

SC Engineering, LLC, dba Cochran has a proven track record of performing quality work for public transportation entities throughout the State of Missouri. **The table below summarizes some of our client LPA satisfaction ratings in the category of Construction Inspection.**

LOCAL PUBLIC AGENCY (LPA)	RATING
Iron County, Ben Young, County Assessor	Outstanding
Audrain County, Alan Winders, Presiding Commissioner	Excellent
Benton County, Steve Daleski, S. District Commissioner	Excellent
Franklin County, Jim Grutsch, Highway Administrator	Excellent
City of Herculaneum, Jim Kasten, City Administrator	Excellent
City of Pacific, Steve Roth, City Administrator	Above Average
City of St. Clair, Travis Dierker, City Administrator	Excellent
City of Crystal City, Jason Eisenbies, City Administrator	Excellent
City of De Soto, Todd Melkus, City Manager	Excellent
City of Desloge, Stephanie Daffron, City Administrator	Excellent
City of Hillsboro, Jesse Wallis, City Administrator	Excellent
City of New Haven, Kathy Trentmann, City Administrator	Excellent

**QUALIFICATIONS OF PERSONNEL**

SC Engineering, LLC, dba Cochran employs a qualified team of engineers, surveyors, designers, inspectors, material testing technicians, and administrative personnel. The following key personnel will be designated for these types of projects:



**Principal-In-Charge**

**David Christensen, PE, MPPA** is a vice president of Cochran with 33 years of experience managing multi-million dollar public works infrastructure projects. His primary role will be to assign the appropriate levels of resources to meet the project schedule and budget. Mr. Christensen takes ultimate responsibility to maintain the project budget, schedule, and performance. He served as principal-in-charge for all of the projects listed in this submittal. Education: Master of Science, Public Policy Administration, University of Missouri-St. Louis, 1999; Bachelor of Science, Civil Engineering, University of Missouri-Rolla, 1991.



### **Senior Construction Inspector | Utility Manager Gary Scheipeter**

- ▶ 30+ Years in Industry, 8 years with Cochran
- ▶ MoDOT: CF, CS, SD, BT
- ▶ OSHA 10 Construction Safety & Health

Mr. Scheipeter’s primary role will be to assign the appropriate levels of resources on a daily basis, including coordination, scheduling testing personnel and assist regarding any technical issues that may arise. He has 40+ years of experience managing and inspecting roadway rehabilitation projects as the Public Works Superintendent for the City of Clayton Public Works Department. Expertise includes roadway, lighting design, photometric and circuitry calculations, equipment recommendations, transportation, and installation and system maintenance.



### **Construction Inspector Anthony Breakfield**

- ▶ 8 Years Experience
- ▶ MoDOT: SD, BT, CF, CS
- ▶ Nuclear Hazmat Safety Certification
- ▶ EPA Construction Certification
- ▶ OSHA 10 Construction Safety & Health

Has completed construction inspection more than 50 ADA-compliant sidewalk and roadway improvement projects for the Cities of Blue Springs, Fenton, Valley Park, University City and Wildwood, to name a few. Anthony performs site inspections, inspects materials, reviews contractor certifications, samples materials, arranges for lab testing, maintains progress diaries/project records, prepares change orders and pay applications.



### **Construction Inspector Anthony Mueller**

- ▶ 11 Years Experience
- ▶ MoDOT: SD, BT, CF
- ▶ Nuclear Hazmat Safety Certification
- ▶ ACI Certified Concrete Field Testing Technician - Grade 1
- ▶ OSHA 10 Construction Safety & Health



### **Construction Inspector Adam Jones**

- ▶ 8 Years Experience Construction Inspection
- ▶ MoDOT: CF, CS, AT
- ▶ Nuclear Hazmat Safety Certification
- ▶ BA, Construction Management, 2005
- ▶ OSHA 10 Construction Safety & Health

Adam is responsible for providing project management and oversight of inspection services for roadway improvement projects, including roundabouts, sidewalks, roadway and bridges.

## **FAMILIARITY & CAPABILITY**

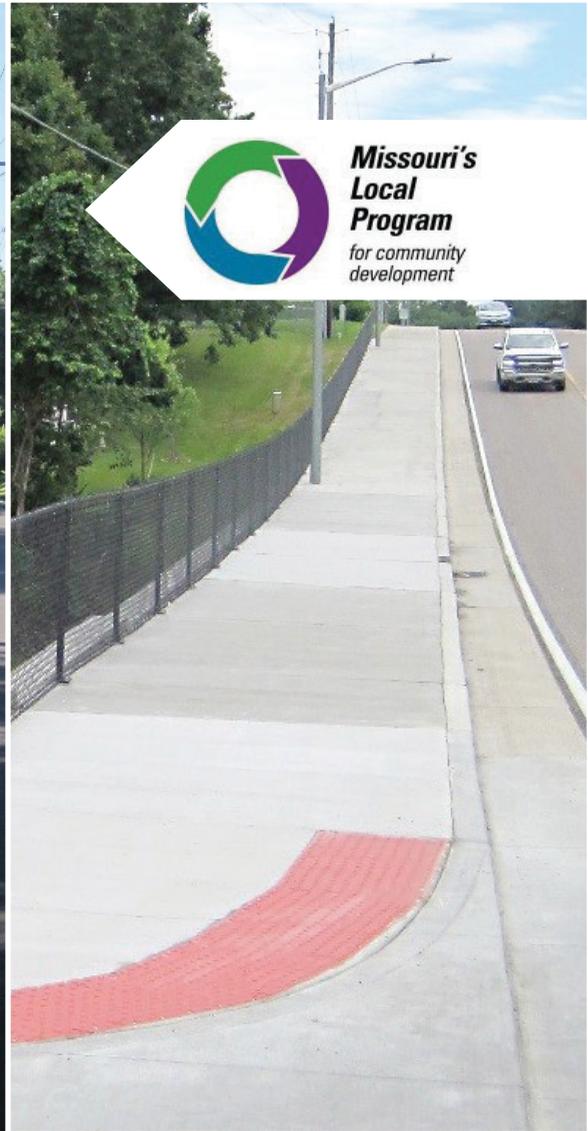
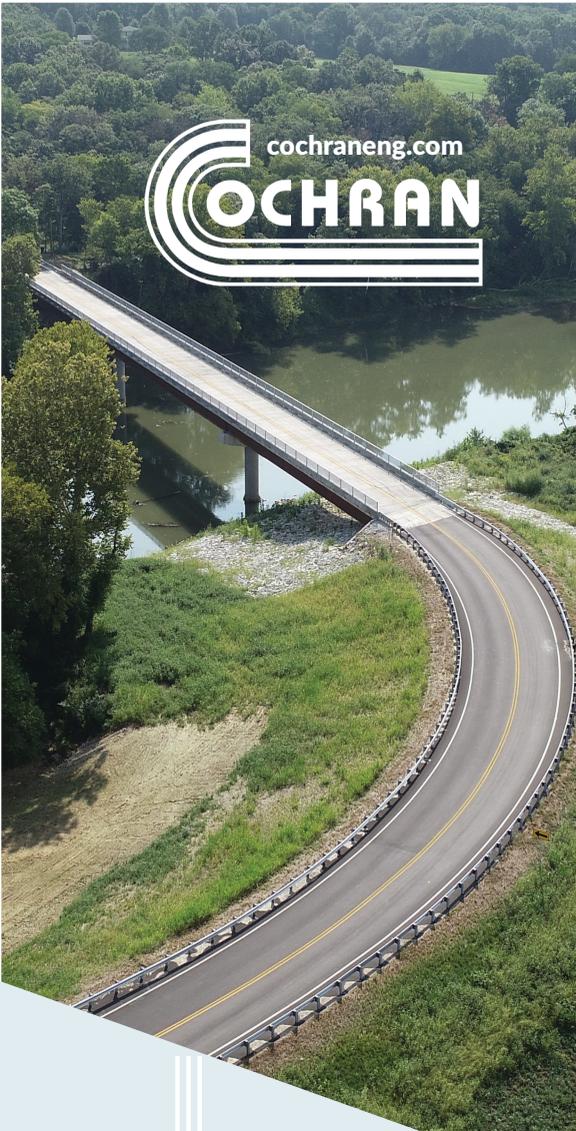
Over the last 10 years, SC Engineering, LLC, dba Cochran has performed construction inspection and materials testing services for more than 100 federal aid roadway, bridge and sidewalk projects. As a result, we are very familiar with the federal aid process and MoDOT’s LPA guidelines and procedures. Our history of federal aid construction inspection projects is highlighted in the table below:

Construction Year	Overall STP Projects	Performed Construction Inspection
2025	25	24
2024	12	12
2023	14	13
2022	11	8
2021	13	10
2020	16	7
2019	11	9
2018	11	10
2017	11	10
2016	10	9
2015	10	9

## **ACCESSIBILITY**

SC Engineering, LLC, dba Cochran’s responsiveness to client needs is demonstrated through measurable performance and long-term client relationships. Our responsiveness is consistently reflected in our Local Public Agency (LPA) evaluations, where clients routinely rate our services as “Excellent.” In 2024, we received a rating of “Outstanding” from Iron County for a bridge replacement project. These ratings are reinforced by our 95% repeat-client rate – an indicator that we meet expectations for communication, schedule management, and problem resolution. For nearly 20 years, SC Engineering, LLC, dba Cochran has been providing construction inspection on hundreds of roadway, bridge and sidewalk projects, giving us a practical understanding of the issues that matter most to agencies.

Our depth of engineers and construction inspectors and technicians allow us the flexibility to add resources as necessary to meet tight deadlines. We are committed to providing incomparable resources and customer service responsiveness. Please contact any of our Clients on the attached Company brochure regarding our record of responsiveness.



Missouri's  
Local  
Program  
for community  
development

## About Cochran

SC Engineering, LLC, dba Cochran is a full-service civil engineering, land surveying, construction administration, material testing & inspection, geotechnical, and architectural firm specializing in all aspects of federally funded transportation projects – including roadways, bridges, ADA-compliant sidewalks, trails and multi-use paths.

We provide all surveying, civil engineering, hydraulic analysis, structural design, geotechnical, and construction administration services needed to develop federally funded roadway infrastructure improvements.

Our survey department specializes in all facets of land surveying and right-of-way plan development. We operate four in-house materials testing labs and our technicians carry multiple certifications to ensure all work complies with ASTM, AASHTO and MoDOT specifications, as well as applicable IBC and local jurisdictional standards.



**PRIMARY CONTACT**  
**David Christensen, PE**  
Principal | Vice President  
1735 Westpark Center Drive  
St. Louis, MO 63026  
david@cochraneng.com  
(314) 842-4033

SC Engineering, LLC, dba Cochran has performed engineering design services for 200+ roadway and bridge projects, including more than \$200M in federal funds

# COMPREHENSIVE TRANSPORTATION SERVICES

## SAFETY

Safety enhancements are a critical part of transportation project design because they directly reduce the frequency and severity of crashes for drivers, pedestrians, cyclists, and roadway workers. By evaluating the roadway context and crash risk early – then incorporating proven countermeasures such as improved sight distance, safer intersection geometry, access management, traffic calming, enhanced signing and pavement markings, lighting, and compliant pedestrian facilities – our engineers create corridors that are more forgiving and predictable for all users. Prioritizing safety in design also supports long-term system reliability by reducing incident-related delays, lowering maintenance and liability risks, and ensuring projects align with applicable standards and community expectations.



## ROADWAYS

Transportation planning must consider federal ADA requirements, environmental impacts, current operations and future needs of any community. Our engineers balance these elements to design infrastructure improvements that preserve our clients' investments.

- Roadway Design
- Roundabout Design
- ADA-Compliant Sidewalk Facilities
- Shared-Use Path & Trails
- Complete Streets
- Funding Strategy & Procurement
- Pavement Evaluation & Analysis
- Construction Phase Services
- 3-D Modeling
- Drainage Planning & Design
- Cost Estimates
- Land Surveying
- Construction Inspection



## LAND SURVEYING

We specialize in all facets of land surveying and data collection. Our land surveying department functions as both an autonomous group and as a support service to our engineering services. Our in-house land surveying equipment and technology provide quick and accurate data for cost-effective and successful projects. The value of accurate and comprehensive land surveys cannot be overestimated. Numerous public agencies, utilities, land developers, engineers, architects, and others make constant use of our state-of-the-art professional land surveying services.

- Design Surveys
- Topographical Surveys
- Boundary, ALTA, and Utility Surveys
- Right-Of-Way Plats
- Subdivision Platting
- Lot Surveys
- Easement Preparation
- Construction Staking



## BRIDGE & STRUCTURAL DESIGN

Our engineers have experience providing bridge inspection, planning, preliminary engineering design, final design, and construction support and inspection services. We offer a full range of new bridge and bridge rehabilitation design services, including the scope of repairs needed and budgets for estimates of repair costs.

- Bridge & Box Culvert: Design, Replacement, Repair, Rehabilitation and Damage Assessments
- Bridge and Box Culvert Load Rating
- Hydraulic Analysis for Bridges & Box Culverts (HEC-RAS)
- Bridge Concept | Alignment Studies
- Aesthetic Elements
- Bridge Condition Report Inspection
- Cost Analysis: Repair v. Replacement
- Cast-in-place Concrete Retaining Walls
- Land Surveying
- Construction Inspection



## CONSTRUCTION ADMINISTRATION

Our construction inspection staff have significant MoDOT & LPA construction inspection experience in accordance with the FAST guidelines. Our inspectors have the required MoDOT certification in asphalt, soil density, and concrete; OSHA-10-hour Training Course in Construction Safety & Health; and the Humboldt Scientific Training Course Certification for Radiological Safety and Gauge Use. Our services include:

- Contract administration
- Construction inspection
- Concrete testing - field and lab
- Nuclear density testing
- Pavement cores after each paving day
- AASHTO lab testing
- Performance records & payment
- Constructability reviews
- DBE-CUF forms
- Land disturbance forms

# RECENT PROJECT EXPERIENCE (PARTIAL LIST)



## Roadways, Sidewalks, Trails & Shared-Use Paths

- City of Union, E Main St Bridge STBG-6200(619)
- City of Linn Creek, Valley Road TAP-9901(549)
- City of Park Hills, St. Joe Dr Sidewalks TAP-7100(010)
- City of Florissant, Catherine Street STP-5595(619)
- City of Washington, Third Street STBG-6401(603)
- City of Union, Denmark Rd Phase 4 STBG-6200(617)
- City of Pacific, 4th Street STP-5419(616)
- City of Ste. Genevieve, St. Mary's Trail TAP-9900(096)
- City of Bonne Terre, W. School St TAP-9900(097)
- City of University City, Pershing Ave STP-5402(620)
- City of Sullivan, N & S Sidewalks TAP-6000(606)
- City of University City, Ferguson Ave TAP-5402(622)
- City of Fenton, Old Hwy 141 STP-4989(616)
- City of Pacific, Hwy N Phase 4 STP-5419(613)
- City of Festus, North Mill Overlay STP-2608(605)
- City of De Soto, Clark St STP-2201(602)
- City of Fenton, Larkin Williams Improvements STP-4989(615)
- City of Valley Park, St. Louis Ave Phase 3 STP-9901(651)
- City of Valley Park, St. Louis Ave Phase 2 STP-9901(648)
- City of Valley Park, St. Louis Ave Phase 1 STP-9901(641)
- City of Washington, Third St STP-6401(602)
- City of Ballwin, Holloway Rd STP-4939(608)
- City of Ballwin, New Ballwin Rd STP-4939(609)
- City of New Haven, Downtown Phase 1 STP-9901(633) and Phase 2 STP-9901(645)
- City of De Soto, N Main St STP-2200(612)
- City of Hillsboro, Business 21 Phase 4 STP5476(614)
- City of Arnold, Lonedell Rd STP-5445(602)
- City of Edmundson, Edmundson Rd STP-5407(618)



## Bridges & Box Culverts

- **Franklin County**
  - » Little Indian Creek Rd LWC at Rye Creek (2025), 44' single span, 42.5' hydraulic opening, pre-stressed concrete box beam bridge deck
  - » Little Boone Creek (2025), 27-Inch pre-stressed concrete spread box beam
  - » Hendricks Rd (2025), 44'-long single span structure
  - » Kiel-Lyon (2025), 56' prestressed box beams on pile cap end bents
  - » Calvey Creek Rd (2025), 48' prestressed box beams on walls on rock
  - » Little Indian Creek (2024), 42' single span I-Beam Bridge
  - » Huff Rd (2024), 42' single span I-Beam Bridge
  - » Hendricks Rd (2023), 45' steel girders on walls on rock
  - » Elmont Rd (2023), 80' PPNUG on pile cap end bents
  - » Ridge Rd (2021), 91' PPNUG on pile cap end bents
- **Iron County**, Bridge 053001151 (2024), 40' single span bridge with 22' deck width
- **City of Pacific**, Denton Rd Bridge Replacement (2023), 100'PPNUG on pile cap end bents
- **Audrain County**, County Rd 525 (2023), 23'x8' box culvert
- **Audrain County**, County Rd 709 (2023), 2' Pressed Box Beams on pile cap end bents
- **City of Union**, Denmark Rd (2022), 123' PPNUG on pile cap end bents
- **City of Wildwood**, Bouquet Rd (2018), 63' PPNUG on pile cap end bents

LOCAL PUBLIC AGENCY (LPA), OFFICIAL, TITLE	ENGINEERING CATEGORY	RATING
Iron County, Ben Young, Former District Commissioner	Bridge Design, Construction Inspection	Outstanding
Audrain County, Alan Winders, Presiding Commissioner	Bridge Design, Construction Inspection	Excellent
Benton Co., Steve Daleski, South District Commissioner	Design - Bridges and Structures	Excellent
Franklin County, Jim Grutsch, Highway Administrator	Bridge Design, Construction Inspection	Excellent
City of Herculaneum, Jim Kasten, City Administrator	Road Design, Sidewalk, Construction Inspection	Excellent
City of Pacific, Steve Roth, City Administrator	Road Design, Sidewalk, Construction Inspection	Above Ave.
City of St. Clair, Travis Dierker, City Administrator	Road Design, Sidewalk, Construction Inspection	Excellent
City of Crystal City, Jason Eisenbies, City Administrator	Road Design, Sidewalk, Construction Inspection	Excellent
City of De Soto, Todd Melkus, City Manager	Road Design, Sidewalk, Construction Inspection	Excellent
City of Desloge, Stephanie Daffron, City Administrator	Road Design, Sidewalk, Construction Inspection	Excellent
City of Hillsboro, Jesse Wallis, City Administrator	Road Design, Sidewalk, Construction Inspection	Excellent
City of New Haven, Kathy Trentmann, City Administrator	Road Design, Sidewalk, Construction Inspection	Excellent

## TESTIMONIALS

### City of De Soto:

"Cochran is always available, honest, collaborative and brings a high quality of customer service to not only the City staff, Mayor and Council, but our residents, businesses, schools and other stakeholders. Cochran has provided excellent project management and construction administration services and is always professional, even in the toughest circumstances."

### City of Union:

"I have worked for the City of Union for 22 years. I have worked with Cochran on multiple projects for 22 years. We return to them for many reasons, including that their work is reliable, on-time and on-budget. We highly recommend Cochran and will continue to use them for many services."

### City of Olivette:

"I continue to be impressed by Gary's commitment to our projects. When we had trouble communicating with the awarded contractor, Gary took it upon himself to go to the company and meet with senior management. This extra effort got our project moving. . . . The City administration and I greatly appreciate Gary's and Cochran's commitment to the Olivette community."

## OUR TEAM



### David Christensen, PE, MPPA Principal | Vice President, Transportation

- 200+ completed road and bridge projects
- Expertise in roadway design, bridges, storm sewers, ADA compliance, and municipal infrastructure
- Secured more than \$200 million in grants and federal loans.
- Background as a MoDOT inspector and municipal engineer for the Cities of Clayton and Chesterfield.



### Kevin Wolff, PE | Senior Design Engineer

- 25+ years of stormwater management and flood protection experience.
- Specializes in hydrologic and hydraulic analysis, storm sewer and watershed modeling, and floodplain studies.
- Works closely with cities to resolve localized flooding and improve stormwater systems for roadways, sidewalks, and trails.



### Mike Spalding | Senior Design Engineer

- 25+ years roadway improvement experience.
- Manages PS&E preparation, MoDOT approvals, and quality control using a detailed 140-point review process.
- Specializes in ADA-compliant design for trails, sidewalks, and parking facilities.
- Holds MoDOT Local Public Agency Basic Training Certification and serves as an ADA Compliance Specialist.

### Gary Scheipeter | Construction Inspector/Utility Manager



- 30+ years of experience in roadway, sidewalk, ADA, and streetscape projects.
- Background includes 25+ years as Public Works Superintendent for the City of Clayton.
- Expert in roadway design, park lighting, photometric analysis, and system maintenance.
- Oversees daily construction operations, resource scheduling, and on-site project management.



### Tary Todd, PE | Director of Road, Bridge Design

- 40 years roadway, bridge, stormwater, and ADA sidewalks design experience.
- 100+ transportation projects with expertise in funding and design.
- Oversees feasibility studies, planning, design, cost estimating, and construction administration.
- Delivers efficient, safe, and high-quality infrastructure that strengthens community connections.



### Brad Dunagan, PE | Senior Design Engineer

- Over 45 years of experience in bridge, roadway, and project management.
- Completed hundreds of bridge and roadway projects, including 50+ condition assessments.
- Skilled in feasibility studies, planning, design, and construction administration for transportation and water resource projects.



### Tim Van Leer, PLS | Director of Surveying

- 25+ years of experience in boundary, topographic, and real property surveying.
- Provides surveying services for transportation including roadways, bridges, ADA-compliant sidewalks and multi-use trail projects.
- Oversees construction stakeout operations from residential to complex utility and highway projects.
- Bridges contractor needs with precise survey layout for seamless project execution.



### Anthony Breakfield | Construction Inspector

- 8 years of experience in roadway & ADA-compliant sidewalk construction inspection.
- Extensive background in MoDOT-administered projects and field coordination.
- Certified nuclear hazmat safety, EPA construction, OSHA 10, and MoDOT SD, BT, CF, CS.
- Focused on quality assurance, compliance, and accurate project documentation.