



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 roadway design. We hope that the enclosed information will demonstrate our qualifications to provide these services to Missouri's Local Public Agencies. Upon review, 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 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 for counties and municipalities across Missouri. **Since 2007, SC Engineering, LLC, dba Cochran has performed engineering design services for 200+ roadway and bridge projects, including more than \$200M in federal funds.** Our services include land surveying, geotechnical engineering, preliminary plans, utility relocation coordination, right-of-way (ROW) plans (including deeds and plats), culvert extension design, structural design, storm water system design, hydraulics, final PS&E, and construction inspection.

Following is a partial list of recently completed federal aid roadway projects that we designed in accordance with MoDOT's LPA guidelines and procedures. All construction documents were required to meet standards for project delivery as outlined in MoDOT's Local Public Agency (LPA) manual. Key personnel on these projects included:

- David Christensen, PE, Principal
- Tary Todd, PE, Project Manager
- Brad Dunagan, PE, Senior Design Engineer
- Kevin Wolff, PE, Senior Design Engineer
- Mike Spalding, Senior Design Engineer
- Tim Van Leer, PLS, Surveyor
- Gary Scheipeter, Construction Inspector/Utility Manager
- Anthony Breakfield, Inspection & Materials Testing

Edmundson Road Improvements - STP-5407(618)

City of Edmundson

This project improved 0.60 miles of a major collector roadway through a coordinated set of roadway and pedestrian accessibility upgrades.



The scope included pavement preparation and an asphalt overlay, installation of ADA-compliant concrete sidewalk and curb ramps, street lighting enhancements, pavement striping, and implementation of traffic control to maintain safety and mobility throughout construction. Cochran delivered full-service project support from concept through closeout, providing grant application assistance, surveying, engineering design, and construction administration, along with testing and inspection to verify quality and compliance at each stage. Completed: 2024. Contact: Rhonda Phelps, City Clerk, (314) 428-7125, rphelps@cityofedmundson.com.

Larkin-Williams Improvements, STP-4989(615)

City of Fenton

Cochran provided engineering design services for roadway and pedestrian improvements along Larkin Williams Road. The project included the complete removal and replacement of the roadway pavement with 9-inches of concrete. The project also included construction of a new sidewalk along the west side of the roadway. Completed: 2024. Contact: Don Howard, Public Works Director, (636) 343-2080, dhoward@fentonmo.org



Clark Street Resurfacing STP-2201(602)

City of De Soto

Cochran provided engineering design and construction inspection services for pavement improvements along Clarke Street. The corridor exhibited surface deterioration, poor ride quality, and traction concerns, prompting the need for a mill and overlay to preserve pavement life and enhance safety for motorists, pedestrians, and cyclists. The project included pavement milling, asphalt resurfacing, and repairs as needed, along with full-depth concrete pavement installation on the hill near Highway 21 to prevent future shoving. Pavement striping was included to improve visibility and traffic guidance. Completed: 2025. Contact: Todd Melkus, City Manager, (636) 586-3326, t.melkus@desotomo.com



North Main Street Improvements - STP-2200(612)

City of De Soto

Cochran provided application support, surveying, environmental services, engineering design, bid administration, and construction inspection for this 0.6-mile roadway improvement completed in 2023. Work included pavement preparation and asphalt overlay, ADA-compliant sidewalks/ramps/entrances, curb replacement, storm sewer upgrades, street lighting, retaining walls, pavement striping, and traffic control. Contact: Todd Melkus, City Manager, (636) 586-3326, t.melkus@desotomo.com



Horan Drive Reconstruction - STP-4989(609)

City of Fenton

The City applied for a Fixing America's Surface Transportation (FAST) grant through East-West Gateway Council of Governments to provide reconstruction and resurfacing from Bowles Avenue to Larkin-Williams Drive, a distance of approximately 4,475 LF or 0.85 miles. The project included removal of improvements, full-depth pavement repair, curb and gutter, storm sewer improvements, new ADA-compliant concrete sidewalks, large block retaining wall and bicycle/share-the-road signage. Utility relocation was required with both Metropolitan Sewer District (SD) for raising storm sewer inlets to have positive drainage and with Ameren for relocation of utility poles. Cochran provided comprehensive services, including engineering design, survey, right-of-way and easement documents and acquisition, environmental reviews and permitting, bid administration, and construction administration, testing and inspection. Completed in 2023. Contact: Don Howard, Public Works Director, (636) 343-2080, dhoward@fentonmo.org.



PAST PERFORMANCE

SC Engineering, LLC, dba Cochran's performance is rigorously evaluated through our LPA score, where we consistently earn Excellent ratings. That coupled with our 95% repeat clientele rate stand as strong testimonials to our proven track record. Over the past 18 years, we have successfully provided services for hundreds of transportation projects.

The table below summarizes our client LPA satisfaction ratings in the category of Roadway Design.

LOCAL PUBLIC AGENCY (LPA)	RATING
City of De Soto, Todd Melkus, City Manager (636) 586-3326, t.melkus@desotomo.com	Excellent
City of Crystal City, Jason Eisenbeis, City Administrator (636) 937-4614, j.eisenbeis@crystalcitymo.org	Excellent
City of Desloge, Dan Bryan, City 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 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 with 20+ years of experience completing federally funded LPA projects. 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.

PAST PERFORMANCE

Client	Project Design Time Cost
City of Edmundson	Edmundson Rd Improvements - STP-5407(618) Design Est: 6 months Actual: 6 months Low Bid: \$844,951 Actual: \$880,385
City of Fenton	Larkin-Williams Improvements, STP-4989(615) Design Est: 13 months Actual: 13 months Cost Est: \$2,164,412 Actual: \$2,288,953
City of De Soto	Clark Street Resurfacing STP-2201(602) Design Est: 6 months Actual: 6 months Cost Est: \$759,714 Actual: \$652,424
City of De Soto	N Main St Improvements - STP-2200(612) Design Est: 6 months Actual: 6 months Cost Est: \$851,304 Actual: \$733,235
City of Fenton	Horan Dr Reconstruction - STP-4989(609) Design Est: 8 months Actual: 8 months Low Bid: \$1,944,960 Actual: \$1,921,316



Project Manager

Tary Todd, PE, serves as Director of Road, Bridge Design. He will be responsible for the technical work and overall design production. Mr. Todd has more than 30 years of experience designing roadway rehabilitation projects located throughout Missouri. In addition, he has been involved with the design, management and construction of numerous bridge replacement projects, specifically: Off-System – 36 bridges; On-System – 8 bridges; County/Private – 64 bridges. Education: Bachelor of Science, Civil Engineering, University of Missouri - Columbia, 1985.



Senior Design Engineer

Brad Dunagan, PE, is a senior roadway and bridge design engineer with more than 35 years of roadway/bridge design and project management experience. Federal aid project design and construction experience – 60+ bridge projects. Education: Bachelor of Science, Civil Engineering, University of Missouri - Columbia, 1977.



Project Manager

Kevin Wolff, PE, is a senior roadway design engineer responsible for technical work and overall design production. He has more than 25 years of experience designing roadway rehabilitation/streetscape projects across Missouri. Mr. Wolff has been involved with the design, management and construction of numerous road rehabilitation projects, specifically: 25+ federally funded STP projects. EDUCATION: Bachelor of Science, Civil Engineering, University of Missouri - Rolla, 1999.



Senior Design Engineer

Mike Spalding is a senior design engineer and project manager with more than 18 years' experience with federal aid projects and ADA code compliance. His primary role is to prepare the project manual with all of the required MoDOT documents for PS&E approval and assure ADA compliance with the design. Federal aid project design and construction experience – 30+ projects. Education: Bachelor of Science, Civil Engineering, University of Missouri – Rolla, 1997.



Surveying

Tim Van Leer, PLS, will serve as the Survey Manager for these projects. He is in charge of Cochran's survey department and has 15+ years of responsible experience in all aspects of land surveying. Mr. Van Leer served as surveyor for all of the projects listed in this submittal. EDUCATION: Associate of Applied Science in Drafting and Design, East Central College, 2002.

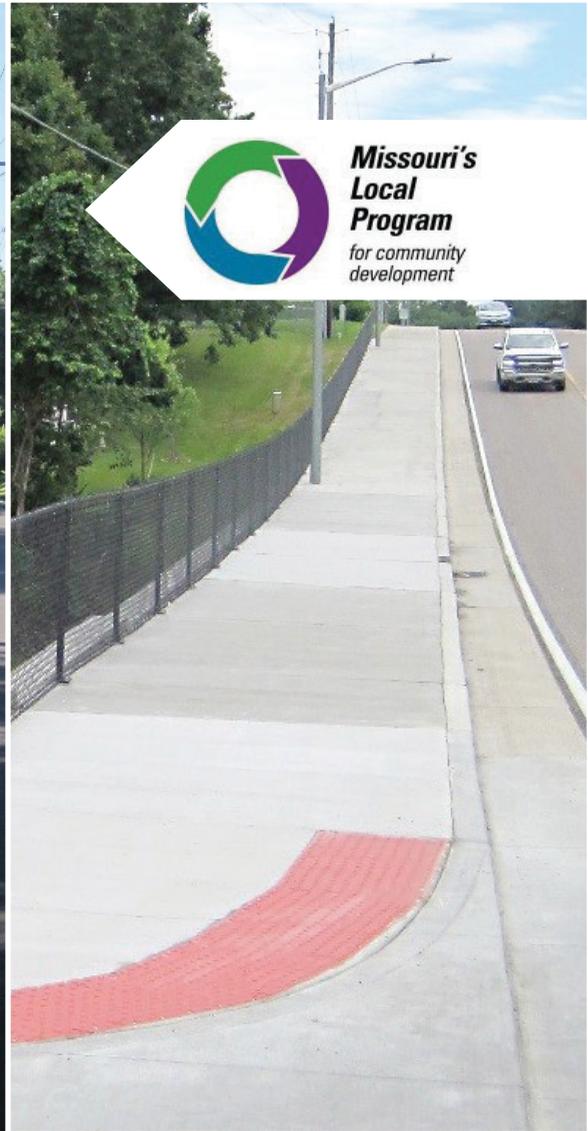
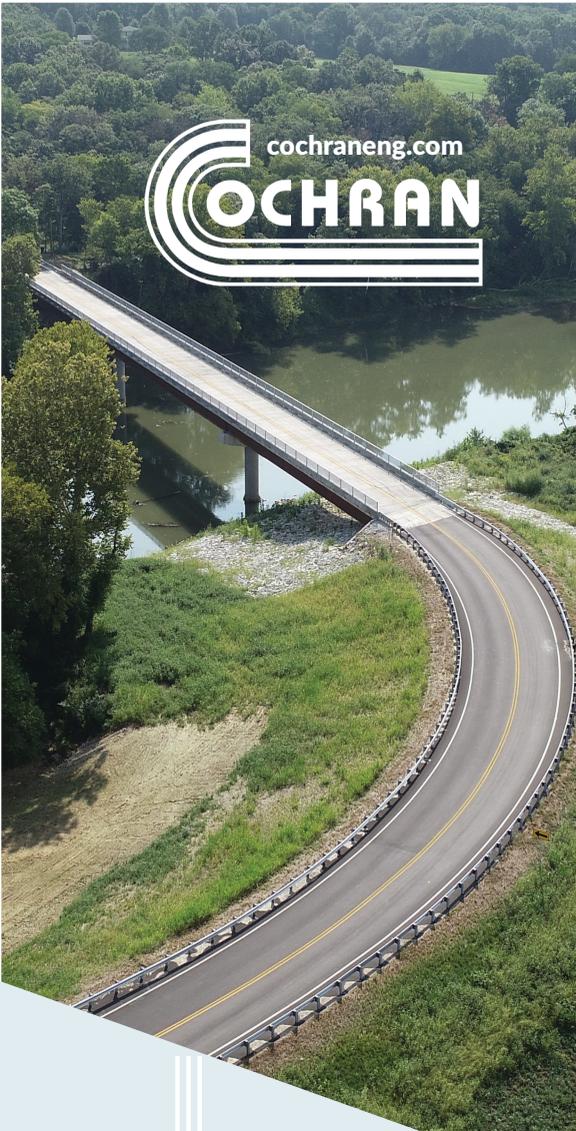
FAMILIARITY & CAPABILITY

For 18 years, SC Engineering, LLC, dba Cochran has been working with MoDOT and Local Public Agencies on roadway design projects across Missouri. Since 2007, we have performed engineering design services for 200+ roadway and bridge projects, including more than \$200M in federal funds. As a result, we are very familiar with the federal aid process and MoDOT's LPA guidelines and procedures. Our history of federal aid projects is highlighted in the chart.

Construction Year	Overall STP Projects	STP Roadway Projects
2025	25	20
2024	12	9
2023	14	9
2022	11	11
2021	13	11
2020	16	13
2019	11	7
2018	11	8
2017	11	7
2016	10	7
2015	10	7
2014	11	10
2013	8	8
2012	5	5
2011	9	9
2010	5	5

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 supported hundreds of roadway and bridge projects, giving us a practical understanding of the issues that matter most to agencies: maintaining traffic and access, coordinating with utilities and railroads, navigating permitting and funding requirements, and delivering bid-ready plans that reduce construction risk.



**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.