



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: SW Engineering, LLC, dba Cochran

Firm Contact Name: Tim Schowe, PE

Contact Email Address: tschowe@cochraneng.com

Firm's Mailing Address: 2108 N. Biagio Street
Ozark, MO 65721

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,

SW 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 trails and sidewalks. 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 our Southwest Regional Director Tim Schowe, PE, at (417) 595-4108 or via email at tschowe@cochraneng.com.



Prequalification. SW 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

SW 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 2017, SW Engineering, LLC, dba Cochran has performed engineering design services for numerous roadway, trail/sidewalk, and bridge improvement projects both with and without state and 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 trails and sidewalks 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 the these projects included:

- David Christensen, PE, Principal
- Tim Schowe, PE, Project Manager
- Tary Todd, PE, Project Manager
- Kevin Wolff, PE, Senior Design Engineer
- Mike Spalding, Senior Design Engineer
- Tim Van Leer, PLS, Surveyor
- Robert Ringer, Survey, Materials Testing & Inspection

Hwy OO Sidewalk Improvements TAP-9901(858)

City of Strafford

Cochran is currently providing comprehensive services for the addition of 1,910 LF of 5-foot-wide ADA-compliant concrete sidewalks on the north side of Highway OO, from Highway 125 to the east property line of Dollar General. The scope of work includes the installation of concrete sidewalk, driveway approaches, driveway culverts, grading and restoration, and traffic control. Status: Under construction.



Robertson St Sidewalk Improvements, TAP-9901(863)

City of Ozark

Cochran is currently providing engineering design for Phase 4 of the Downtown Pedestrian Improvements sidewalk network. Phases 1-3 were completed in 2022-2023 and funded through the City's Transportation Sales Tax. Phase 4 will add approximately 0.39 miles of new, ADA-compliant, 5-foot-wide concrete sidewalks. The improvements extend along the east side of South 2nd Avenue from East Walnut Street to East Robertson Street, and along East Robertson Street from South 2nd Avenue to roughly 300 feet east of South 9th Avenue. The project also includes ADA ramps, curb and gutter, storm sewers, concrete approaches, asphalt overlay, and traffic control, all within the City's right-of-way. In addition to extending the sidewalk network, the project replaces deteriorated sections and upgrades facilities to meet current ADA standards. Cochran's services include grant application assistance, surveying, engineering design, bid administration, construction administration, materials testing and inspection. **Status:** Under Construction.



North Fremont Rd Sidewalks - STBG-9901(820)

City of Ozark

Cochran provided comprehensive project delivery services for the federally funded North Fremont Road Sidewalks project. Design included clearing and grubbing to prepare the site, followed by earthwork to establish proper grades. Cochran's design team prepared engineering plans for construction of a 10-foot-wide ADA-compliant concrete sidewalk with matching ramps, supported by curb and gutter and concrete



driveway approaches. Storm sewer improvements were incorporated to address water management alongside the new walkway. Traffic control and erosion control plans were developed to ensure safety and regulatory compliance throughout all phases. Completed in 2022. Cochran's services included grant application assistance, surveying, engineering design, bid administration, construction administration, materials testing and inspection.

West Elementary School Sidewalks - TAP-9901(822)

City of Ozark

Cochran performed the grant application, surveying, engineering design, bidding documents, construction inspection, and construction materials testing for the West Elementary School Sidewalks project, connecting the drives of the school campus with crosswalks at the intersection of North Freemont and Hwy CC. Improvements included the addition of new crosswalks with clearly marked pavement striping, as well as the construction of approximately 290 LF of 10-foot-wide ADA-compliant concrete sidewalk. Additionally, 900 LF of 5-foot-wide ADA-compliant concrete sidewalk were constructed throughout the school campus to create a continuous, barrier-free pedestrian path. Completed in 2022.



Completed in 2022.

South Elementary School Sidewalks - TAP-9901(821)

City of Ozark

SW Engineering, LLC, dba Cochran performed the application, surveying, engineering design, bidding documents, construction inspection, and construction materials testing for the South Elementary School Sidewalks. The scope of work included design of 6,417 SF of 5-foot-wide ADA compliant concrete sidewalk, 2,334 SF of modular block retaining walls, and ADA compliant ramps, extending from the SE corner to the NE corner of the Ozark South Elementary School campus. The new sidewalk connects to an existing sidewalk on South 13th Street, tying into the school driveway. Completed in 2022.



Completed in 2022.

Garrison Springs 10-Foot-Wide Walking Trail

City of Ozark

SW Engineering, LLC, dba Cochran provided engineering design and survey services for 3,325 LF of 10-foot-wide concrete trail, retaining walls, sidewalks, stormwater improvements, and 2,040 LF of new fence in the new Garrison Springs Community Forest. Cochran also provided construction administration, testing and inspection, which included concrete testing, as well as observation and general inspection (excavation, alignment, grade, cut and fill, base rock compaction, pavement thickness and restoration).

PAST PERFORMANCE

Cochran understands the importance of accurate cost estimates for use in the preparation of City budgets. Cochran utilizes empirical and written cost data to determine costs for a project. Cost estimates are updated at every phase of the project. If the estimate exceeds the budget, either the budget must be adjusted, or the scope of the project has to be reduced. Either way, the client can make an informed, fiscal decision on the scope and cost of the project. The table below shows our ability to meet schedule (Design Time) and budget (Cost Estimate/Actual Cost) on a sampling of trail and sidewalk improvement projects:

CLIENT	PROJECT DESIGN TIME COST
City of Strafford	Hwy OO Sidewalks TAP-9901(858) Design Est: 15 months Actual: 15 months Cost Est: \$245,008 Low Bid: \$269,500
City of Ozark	Robertson St Sidewalks TAP-9901(863) Design Est: 15 months Actual: 18 months* Cost Est: \$808,580 Low Bid: \$649,999
City of Ozark	N Fremont Rd Sidewalks STBG-9901(820) Design Est: 8 months Actual: 8 months Cost Est: \$271,499 Actual: \$270,890
City of Ozark	W Elementary School Sidewalks TAP-9901(822) Design Est: 5 months Actual: 5 months Cost Est: \$275,090 Actual: \$235,537
City of Ozark	S Elementary School Sidewalks TAP-9901(821) Design Est: 5 months Actual: 5 months Cost Est: \$154,359 Actual: \$164,596
City of Ozark	Garrison Springs 10-Ft-Wide Walking Trail Design Est: 15months Actual: 24 months* Cost Est: \$740,353 Low Bid: \$784,050

** Delays due to Easements & ROW issues*

REFERENCES

City of Ozark

Jeremy Parsons, Public Works Director
(417) 581-1702, jparsons@ozarkmissouri.org.

City of Strafford

Tommy Van Horn, City Administrator
(417) 736-2154, ca@straffordmo.net

City of Nixa

Jimmy Liles, City Administrator
(417) 724-5604, jliles@nixa.com

QUALIFICATIONS OF PERSONNEL

SW Engineering, LLC, dba Cochran employs a qualified team of engineers, surveyors, designers, inspectors, material testing technicians, and administrative personnel with 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.



Project Manager

Tim Schowe, PE serves as the director of SW Engineering, LLC, dba Cochran, leading projects and overseeing day-to-day business. He brings 13 years experience specializing in the planning and design of trails and sidewalks, including federal fund management. His experience includes design review and quality control on all aspects of preliminary and final design plans. He has provided bid administration and construction administration for transportation projects. He is dedicated to providing quality, practical and economical solutions on all projects and is skilled with design & construction practices for municipal, commercial and residential projects. Education: BS, Civil Engineering, 2012, Missouri University of Science & Technology, Rolla.



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 trail and sidewalk projects across Missouri. In addition, he has been involved with the design, management and construction of 30+ ADA-compliant sidewalks and curb ramps. Education: Bachelor of Science, Civil Engineering, University of Missouri - Columbia, 1985.



Project Manager

Kevin Wolff, PE, is a senior design engineer responsible for technical work and overall design production. He has 25+ years of experience designing trail and sidewalk projects across Missouri. Mr. Wolff has been involved with the design, management and construction of numerous road rehabilitation projects, specifically: 20+ 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.



Survey Tech | Construction Testing & Inspection

Robert Ringer, EIT, is a design engineer with eight years of experience working on sidewalks and recreational trails, both with and without federal funding. His experience includes survey field work and construction testing and inspection. He is MoDOT certified for concrete and asphalt testing for road repairs and concrete foundations and walls. He will assist with project design, analysis of data, cost estimation and preparation of project documents. He will assist with project design, analysis of data, cost estimation and preparation of project documents.

FAMILIARITY & CAPABILITY

For 8+ years, SW Engineering, LLC, dba Cochran has been working with MoDOT and Local Public Agencies on roadway design projects. Since 2017, we have performed engineering design services for numerous trail and sidewalk improvement projects with state and federal funding, including all of the projects included in this response. As a result, we are very familiar with the federal aid process and MoDOT's LPA guidelines and procedures.

ACCESSIBILITY

SW Engineering, LLC, dba Cochran's responsiveness to client needs is demonstrated through measurable performance and long-term client relationships. This is reinforced by our 95% repeat-client rate – an indicator that we meet expectations for communication, schedule management, and problem resolution. Our depth of engineers and technicians provides 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 our client references regarding our record of responsiveness.



WHERE QUALITY & INTEGRITY MEET



About Us

SW Engineering, LLC, dba Cochran, is a full-service civil engineering firm with a strong focus on transportation projects that keep cities across Southwest Missouri moving safely and efficiently. We provide civil engineering, land surveying, construction administration and inspection, materials testing, and geotechnical services to support streets, corridors, intersections, bridges, trails, and multimodal improvements for communities of all sizes.

We offer comprehensive in-house consulting services for public, municipal, government, and private clients throughout Missouri, with extensive experience delivering transportation projects both with and without federal funding. Our team understands the funding, phasing, and coordination needs that come with city-led transportation work and helps clients navigate them from concept through construction.

Our experienced professionals recognize that every community and every corridor is unique. We carefully evaluate existing conditions, traffic patterns, safety concerns, and surrounding land uses; recommend practical, cost-conscious solutions; and proactively anticipate design and construction conflicts. By providing all consulting services in-house, we deliver coordinated, constructible transportation designs and build long-lasting relationships with our clients across Southwest Missouri.

PRIMARY CONTACT

Tim Schowe, PE | Southwest Regional Director
2804 N. Biagio Street, Ozark, MO 65721
tschowe@cochraneng.com
(417) 595-4108
cochraneng.com

MoDOT LPA Projects

SW Engineering, LLC, dba Cochran is prequalified with MoDOT and compliant with all of its financial requirements. We also are listed on the LPA On-Call Approved Consultant Prequalification list.

COMPREHENSIVE IN-HOUSE SERVICES

OVERALL SERVICES

- Civil Engineering
- Land Surveying
- GIS | Mapping
- Architecture | Interior Design
- Geotechnical Engineering
- Transportation
- Site Analysis
- Stormwater
- Construction Administration
- Construction Quality Management
- Construction Inspection & Materials Testing
- Drinking Water
- Wastewater
- Cost Estimating
- Grant | Funding Assistance
- Master Planning
- Needs Assessment
- Feasibility Studies
- Market Analysis
- Energy Analysis
- LEED Certification



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.

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



**North Fremont Road Sidewalks - STBG-9901(820)
City of Ozark**

“Cochran is a great partner you can count on.”

— Jeremy Parsons, Director of Public Works, City of Ozark

TRAILS & SIDEWALK PROJECTS



North Fremont Road
Sidewalks - STBG-9901(820)
City of Ozark



West Elementary School
Sidewalks - TAP-9901(822)
City of Ozark



South Elementary School
Sidewalks - TAP-9901(821)
City of Ozark

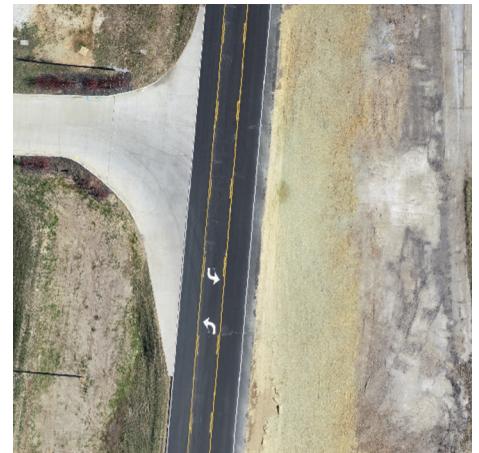
ROADWAY PROJECTS



2022 Street & Sidewalk
Improvements
City of Ozark



Downtown Pavement &
Sidewalk Improvements
City of Ozark



Roadway Widening Improvement -
E Evergreen Street, Strafford, MO
MoDOT | Private Client

FEDERAL FUNDING EXPERIENCE

City of Ozark

- » N 22nd Group St Improvements - STBG-9900(905)
- » Robertson St Sidewalk Improvements, TAP-9901(863)
- » North Fremont Rd Sidewalks - STBG-9901(820)
- » West Elementary School Sidewalks - TAP-9901(822)
- » South Elementary School Sidewalks - TAP-9901(821)

City of Strafford

- » N Old Orchard Rd Improvements - STBG-9901(838)
- » Hwy OO Sidewalk Improvements TAP-9901(858)

OUR TEAM

SW Engineering, LLC, doing business as Cochran is lead by four principals — **Kurtis J. Daniels, PE, Christopher N. Boone, PE, Shannong Johanning, PE, and David Christensen, PE** — who are committed to delivering exceptional service through hands-on involvement in every phase of each project. They take personal and professional responsibility for project success, ensuring every assignment receives the focused attention it deserves. They also provide firm-wide leadership grounded in Cochran's core values: uncompromising quality, creative and thoughtful design solutions, responsive collaboration and clear communication with our clients, and ethical, respectful teamwork with all partners and stakeholders, including the Missouri Department of Transportation.



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

A Vice President with 30+ years of MoDOT & LPA experience, Dave has managed numerous multi-million dollar public works infrastructure projects. His primary role is to assign the appropriate levels of resources to meet the project schedule and budget. Dave began his career as a construction inspector for MoDOT and transitioned to municipal government, serving as City Engineer/Public Works Director for the City of Clayton and Asst. City Engineer/Public Works Deputy Director for the City of Chesterfield. He has completed 200+ road and bridge projects, secured more than \$200 million in grants and federal loans, and has a thorough knowledge of municipal budgets and procedures. His expertise includes roadway design, bridges, storm sewers, ADA compliance, and municipal infrastructure.



Tim Schowe, PE
Southwest Regional Director

Tim leads regional operations, overseeing day-to-day business functions and managing a diverse portfolio of projects throughout the Southwest Missouri region. With 13 years of experience specializing in the planning and design of ADA-compliant sidewalks and roadways, Tim has played a key role in numerous high-profile projects. Tim's expertise spans multiple civil engineering disciplines, with a focus on design review and quality control for both preliminary and final design plans. He has also provided bid administration and construction oversight for a variety of transportation infrastructure projects. Known for delivering practical, cost-effective, and high-quality solutions, Tim applies his knowledge of design and construction practices to municipal, commercial, and residential projects alike, ensuring successful outcomes from concept through completion.



**West Elementary School Sidewalks -
TAP-9901(822)
City of Ozark**