



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



**Missouri's  
Local  
Program**  
*for community  
development*

## 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 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 our Southwest Regional Director Tim Schowe, PE, at (417) 595-4108 or via email at [tschowe@cochraneng.com](mailto: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

## N Old Orchard Road Improvements - STBG-9901(838) City of Strafford

SW Engineering, LLC, dba Cochran is currently working with the City of Strafford to provide approximately 4,600 LF of roadway improvements on North Old Orchard Road from West Evergreen Street to Stan Harriman Boulevard. Improvements include lane widening, upgrades to the existing ditches and replacement of existing culverts underneath residential driveways and streets. This will be accomplished by installing RCP Storm Sewer, Box Culverts and re-grading the ditch line. Other improvements include driveway repairs (gravel, asphalt & concrete). Since this project involves federal funding, additional work was needed in order to ensure project met funding requirements. Status: Out to Bid with construction planned for 2026.



## N 22nd Group Street Improvements - STBG-9900(905) City of Ozark

SW Engineering, LLC, dba Cochran is currently working with the City of Ozark to provide engineering design for street improvements and easement/right-of-way for approximately 8,000 LF of roadway improvements on 21st and 22nd Streets. Improvements include pavement milling, asphalt overlay, lane widening, full-depth pavement structural repair patches, concrete curb and gutter, and 6-foot-wide ADA-compliant concrete sidewalks and ramps. Estimate: \$1,064,388. Status: Design in Progress for construction in 2026.

## South 19th Street Improvements | Ozark Centre TDD City of Ozark | Valley Ridge Estates, LLC

SW Engineering, LLC, dba Cochran provided engineering design, including full-depth pavement replacement, street



widening, curb and gutter improvements, sidewalks and stormwater improvements for approximately 2,050 LF of this primary connector road. Cochran also provided topographic survey, construction administration and inspection. Completed in Spring 2024. Contact: Curtis Jared, [cjared@jaredmanagement.com](mailto:cjared@jaredmanagement.com)

## Madison Avenue Road Improvements City of Strafford, MO

SW Engineering, LLC, dba Cochran provided comprehensive services for this project involving full-depth reconstruction, road widening, and surface repairs. The scope of work included milling, asphalt overlay, storm sewer improvements, new concrete curb and gutter, new concrete sidewalk, new

full depth asphalt, new stamped concrete, underground electric improvements, and concrete bases for street lights. Cochran's services included engineering design, surveying, bid administration, construction administration, materials testing and inspection. Completed in 2024.

**Roadway Widening Improvement on E Evergreen St**  
**MoDOT | Wilson Logistics/Premier Truck Group**

Cochran completed 4,224 LF of roadway improvement plans on East Evergreen Street in Strafford, Missouri. Plans included the widening of the Mo-DOT-owned roadway to incorporate a center turning lane that provides access to five new entry points into the industrial park adjacent to the Wilson Logistics campus, along with stormwater drainage improvements on the north and south side of East Evergreen, as well as new commercial driveways with upgraded stormwater culverts and upgrades to the existing ditches. Other improvements included complete lane re-striping and upgrades to MoDOT's fencing and gravel driveway. Completed in 2024.



**2022 Street | Sidewalk Improvements (Downtown Phase 2)**  
**City of Ozark**

This project provided new sidewalks in the Downtown area, and the street along the square has been replaced to improve pedestrian safety and beautify the City. Additional street improvements included asphalt overlay, full-depth asphalt pavement, concrete sidewalk, concrete approaches, concrete curb and gutter, concrete vertical curb, concrete curb ramps, detectable warning devices, storm sewer, segmental concrete retaining wall, and traffic control. Cochran provided survey, engineering design, bidding documents, construction inspection and construction materials testing. Completed in 2023.

**Downtown Streetscape | Pavement Improvements, Phase 1**  
**City of Ozark**

Cochran provided the survey, engineering and design, bidding documents, construction inspection and construction materials testing, and owner's representation. The project included full depth pavement replacement, curb/ gutter replacement, sidewalk replacement with a 6- and 5-foot wide sidewalks and brick stamped concrete banding. A series of public meetings were organized to review, discuss, and plan potential traffic changes and their impacts. Thanks to meticulous preplanning, the City, Cochran, and the contractor, Capital Paving, delivered results that surpassed expectations. As the project progressed, the City opted to expand the scope due to the positive reception and effective implementation of improvements. Consequently, Cochran was selected to spearhead Phase 2 of the Downtown Improvement project.

**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 recent projects:

CLIENT	PROJECT   DESIGN TIME   COST
MoDOT & Wilson Logistics	Roadway Widening - E Evergreen St Design Est: 4 months   Actual: 4 months Cost Est: \$1,192,153   Actual: \$998,777
City of Strafford	N Old Orchard Imp - STBG-9901(838) Design Est: 18 months   Actual: 14 months Cost Est: \$1,212,760   Low Bid: \$1,201,217
City of Strafford	Madison Ave St Improvements Design Est: 8 months   Actual: 10 months Cost Est: \$209,099   Actual: \$193,544
City of Ozark	S 19th St Improvements Design Est: 10 months   Actual: 9 months Cost Est: \$1,175,155   Actual: \$1,119,614
City of Ozark	2022 Street   Sidewalk Imp, Phase 2 Design Est: 2 months   Actual: 2 months Cost Est: \$2,040,111   Actual: \$1,951,502
City of Ozark	Downtown Streetscape Imp, Phase 1 Design Est: 9 months   Actual: 9 months Cost Est: \$2,676,922   Actual: \$2,682,256*
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	Robertson St Sidewalks TAP-9901(863) Design Est: 15 months   Actual: 15 months Cost Est: \$808,580   Low Bid: \$649,999

\* Low Bid was \$2,617,271, so City increase scope of work.

**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 roadway improvements, 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 roadway improvement projects across Missouri, including reconstruction, full depth pavement repair, and mill and overlay, both with and without federal funding. 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 roadway and streetscape 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 Manager**

**Tim Van Leer, PLS**, has 25+ years of responsible experience in all aspects of land surveying, including performance and supervision of topographic, hydraulic, boundary, right-of-way, and construction staking. He has managed the construction stakeout for Cochran from house stakeouts to large more intricate utility and highway projects. His understanding of the surveying/construction industry creates a seamless transition between contractor needs and the survey crew layout. 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 transportation projects, including roadway improvements, paving and streetscapes, 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.

## 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 roadway improvement projects with state and federal funding, including several projects highlighted 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](mailto:tschowe@cochraneng.com)  
(417) 595-4108  
[cochraneng.com](http://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

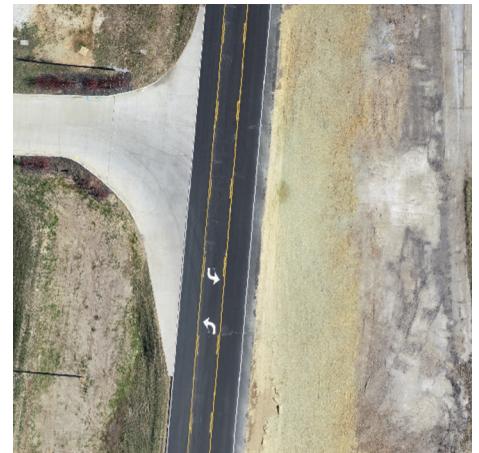
## ROADWAY PROJECTS



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**