



**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:

Farnsworth Group, Inc.

Firm Contact Name:

Ryan Uebinger, PE

Contact Email

Address:

ruebinger@f-w.com

Firm's Mailing Address:

20 Allen Ave, Suite 200, Webster Groves, MO 63119

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**

Letter of Interest - MoDOT LPA On-Call Construction Inspection Services 2026-2029

1 / General Experience of the Firm

Farnsworth Group, Inc. traces its origins back to the 1890's, when its predecessor firms provided land surveying and drainage services in Central Illinois. Today, with offices nationwide, including two offices in Missouri (Webster Groves and St. Charles), we are a multi-discipline leader in all facets of engineering, survey, and technical consulting. As an Architectural Record Top 300 Design Firm and an Engineering News Record Top 500 Design Firm, we can offer over 600 engineers, architects, surveyors, technicians, and support personnel providing our clients with full service design and construction engineering capabilities. *Farnsworth Group is listed on MoDOT's Approved Consultant Prequalification List.*

Our Metro St. Louis offices, with a combined staff of 110, have served both public and private sector clients for over 60 years by providing a full range of transportation, land surveying, architectural, civil, mechanical, electrical, plumbing, structural, and oil & gas services. Ryan Uebinger, PE, will serve as the Project Manager for MoDOT LPA construction inspection projects. Ryan has over 25 years of transportation engineering experience, including with resident construction engineering. Taylor O'Connor, PE will also be an integral member of our construction team as he is *certified to perform services according to Division 10 of the Code of State Regulations, Technician Certification program.* In addition to Ryan and Taylor, Farnsworth Group has a team of construction field inspectors certified in documentation, concrete paving, hot-mix asphalt paving construction, and/or materials testing.

The Farnsworth Group team has extensive experience with transportation construction projects and understands the complexities associated with the construction engineering responsibilities. Farnsworth Group engineers and technicians work closely with DOT and LPA clients to help resolve contractor disputes and keep projects on schedule. Our team also works with clients and contractors to keep projects within budget, and phased to create the least amount of disruption to the community. Construction services are provided by licensed engineers and a trained technical team. Engineering responsibilities have included on site construction engineering and documentation of storm sewer, curb and gutter, PCC pavement, HMA pavement, structures, and related roadway construction operations.



CONSTRUCTION ENGINEERING SERVICES:

- Construction staking
- Construction engineering and documentation
- Documentation of Progress and contract Compliance
- Material testing and reporting
- SWPPP compliance
- Bidding assistance
- Shop drawing review
- Contractor payout requests
- NPDES compliance
- Processing Contract Change Orders
- Record drawing/as-built preparation
- Traffic control reports
- Progress meeting coordination and attendance

2 / Past Performance

I-57 / I-74 Interchange Ramp Reconstruction, IDOT, Champaign, Illinois

The I-57/I-74 interchange, located just west of Champaign, was built in 1965 and has experienced operational issues due to deficient geometric features. The interchange is a regional freight juncture that handles almost 40,000 vehicles per day. Farnsworth Group is providing Phase III construction engineering services for the project, which will completely reconfigure and replace the traditional clover-leaf interchange with the construction of 11 new structures, including five box culverts, four bridges, two flyover structures in the middle of the interchange, and new ramp pavements. These changes will improve traffic flow, efficiency, and safety by eliminating conflict points and reducing turning movements. A third, auxiliary lane also will be added to both directions of I-74.



Photo Courtesy of IDOT

I-57/6000 N Road Interchange (Bourbonnais Parkway), IDOT, Bourbonnais, Illinois

Farnsworth Group was awarded a Phase III construction engineering contract from PTB 169/24. Services included construction inspection engineering for the new diamond interchange at 6000 N Road and I-57. The project also included the construction of a bridge over I-57; reconstruction of the intersection at US 45/52 and IL 50; and reconstruction of approximately 1.5 miles of 6000 N Road from IL 50 to US 45/52 with new PCC pavement, curb and gutter, shared use path, sidewalk, storm sewer, roadway lighting, traffic signals, and other related items. The construction phase of this project was selected by ACEC-IL for a Special Achievement Award. Farnsworth Group received an "Excellent" rating from IDOT regarding our work on this project.

Various/Various Phase III Construction Engineering Contracts, IDOT, Location Varies

Farnsworth Group has been awarded several Phase III various/variou construction engineering contracts from IDOT District 3, 5, and 7. Phase III engineering services included on-site inspections; layout including design changes; providing construction layout when not provided for in the contract plans; provide geotechnical inspection and testing; preparation of records; maintaining documentation; and providing general assistance as member of a field crew. Projects requiring construction engineering under these contracts included district-wide patching and resurfacing contracts, specific bridge projects, resurfacing, and urban rehabilitation projects.

Various Construction Engineering Services, Peoria, Illinois

After being selected for the Various on Call contract, Farnsworth Group has provided Phase III construction engineering services for several projects in Peoria, Illinois.

Orange Prairie Road: 2.5-mile extension of from US 150 (War Memorial Drive) to the intersection of IL 91 and Grange Hall Road (CH D-32) in Peoria. Phase III construction engineering responsibilities included utility and public coordination; construction engineering; and documentation of earth excavation, storm sewer, curb and gutter, PCC pavement, PCC sidewalk, HMA multi-use path, HMA pavement, cast-in-place box culverts, street lighting, landscaping, and related construction operations. The project was split into three construction sections to facilitate an accelerated construction schedule.

University Street (Forrest Hill to War Memorial): Phase III construction engineering, utility and public coordination, documentation, and material testing services for the reconstruction of University Street from Forrest Hill Avenue to War Memorial Drive. The reconstructed minor arterial street provides access to residential and commercial facilities. Phase III construction engineering responsibilities included construction observation and documentation of storm sewer, french drains, curb and gutter, PCC sidewalk, PCC driveway, traffic signal upgrades, ornamental street lighting system, landscaping, and related construction operations.

Forrest Hill Avenue: Phase III construction engineering and documentation for the 0.5-mile rehabilitation, restoration, and resurfacing of Forrest Hill Avenue from Sheridan Avenue to Knoxville Avenue. The reconstructed minor arterial street provides access to residential neighborhoods and to a major IDOT arterial road (Knoxville). Phase III construction engineering responsibilities included utility and public coordination, construction observation, and documentation of storm sewer, detention basins, curb and gutter, PCC sidewalk, PCC driveway, HMA pavement, ornamental street lighting systems, landscaping, and related construction operations.

3 / Qualifications of Personnel

Ryan Uebinger, PE - SENIOR CONSTRUCTION ENGINEERING MANAGER

Mr. Uebinger is a Principal with Farnsworth Group. He has over 25 years of transportation engineering experience, including with resident construction engineering and design engineering of street and roadway projects for various municipalities and IDOT. He has worked on a variety of different construction and design projects, including new construction, rehabilitation, bridge, urban and rural intersections, streets, and highways.

- I-57/I-75 Interchange Ramp Reconstruction, IDOT, Champaign, IL
- I-57/6000 N Road Interchange (Bourbonnais Parkway), IDOT, Bourbonnais, IL
- Various/Variou Construction Engineering Contracts, IDOT, Location Varies

Taylor O’Connor, PE - CONSTRUCTION ENGINEER

Mr. O’Connor has more than 9 years of experience in transportation, hydrology, land development, energy and utilities, and construction observation & documentation services.

- I-57/I-75 Interchange Ramp Reconstruction, IDOT, Champaign, IL
- Various/Variou Construction Engineering Contracts, IDOT, Location Varies

4 / Familiarity and Capability

We understand the critical role a qualified on-site construction engineering team plays in delivering successful projects. Our experience working with transportation agencies ensures seamless coordination from construction through project closeout. Our team of skilled professional engineers and technicians has a strong foundation in DOT standards and procedures, performing materials testing and maintaining detailed records of test results and pay item quantities. By working closely with the client and construction team, we develop traffic control and staging solutions that minimize disruptions and keep work moving efficiently. Contractor progress is closely tracked to identify issues early, while material certifications are reviewed to confirm compliance with project specifications and applicable standards. Through proactive communication and rigorous quality checks, we help achieve timely, compliant project completion. Below we have listed a selection of recent projects that involved federal funding. We have a proven track record of completing projects within or under budget.

PROJECT NAME / LOCATION	PROJECT TYPE	FUNDING SOURCE
County Road 19 B / Shannon County, MO	Relocation	Federal/State
County Road 19 - 250 / Shannon County, MO	Reconstruction	Federal/State
Murdoch Avenue Bridge & Road / Webster Groves, MO	Reconstruction/Signals	Federal/Local
South Main Street / St. Charles, MO	Reconstruction (Historic)	Federal/Local
Hanley Road / St. Charles, MO	Widening/Reconstruction	Federal/Local
South Elm Avenue at I-44 / St. Charles, MO	Rehabilitation/Enhancement	Federal/Local

5 / Accessibility

Farnsworth Group has built many long-standing relationships with our clients by providing quality construction engineering services with a strong emphasis on quality, communication and safety. We believe the best demonstration of our past performance is through the testimonies of our clients. Below is a quote regarding our construction engineering team on a recent project.

“...the consultant inspectors were very knowledgeable and not afraid to work the long hours required on the project...The office management kept a very close watch on the dollars being expended and always kept me informed.” - Kensil Garnett, IDOT Region 3 Engineer

6 / Diversity

Farnsworth Group believes in the importance and value of a diverse workforce, for the benefit of both the projects we undertake and the communities where those projects are located. Through the leadership of our President and CEO, Mrs. Karen Jensen, PE, over 30% of our current total workforce is either minority or female. Farnsworth Group shares the commitment of MoDOT in supporting diversity in our workforce and teaming with M/W/DBE partners on our projects.

FIRM OVERVIEW

Farnsworth Group, Inc. traces its origins back to the 1890's, when its predecessor firms provided land surveying and drainage services in Central Illinois. Today, with offices nationwide and including two offices in Missouri (Webster Groves and St. Charles) we are a multi-discipline leader in all facets of engineering, survey, and technical consulting. As an Architectural Record Top 300 Design Firm and an Engineering News Record Top 500 Design Firm, we can offer over 600 engineers, architects, surveyors, technicians, and support personnel providing our clients with full service design capabilities. Registrations are held throughout the continental United States.

ST. LOUIS AREA TEAM

Farnsworth Group works with communities throughout the St. Louis Metropolitan area, county engineers, and Missouri/Illinois Departments of Transportation on a multitude of transportation and building projects. Our expertise includes conceptual planning, feasibility studies, preliminary designs, ROW plans, final PS&E designs and construction inspection. We also offer Professional Traffic Operations Engineer (PTOE) services such as traffic studies, traffic signals, intersection analysis and geometrics, ADA accessible route planning, crossing signals, and traffic control plans.

PROFESSIONAL SERVICE CAPABILITIES INCLUDE, BUT ARE NOT LIMITED TO:

- Civil/Structural
- Bridge Design
- Transportation Engineering
- Utility Coordination
- Land Development
- Land Surveying
- GIS/Mapping
- Stormwater Management
- Hydrology/Hydraulics
- Architecture
- Landscape Architecture
- Municipal Engineering
- Interior Design
- Mechanical Engineering
- Electrical Engineering
- Plumbing Engineering
- Commissioning
- LEED Consulting
- Energy and Utilities Engineering
- Water System Engineering
- Wastewater System Engineering
- Railroad Services
- Historic Preservation
- Referendum Services
- Grant Assistance
- Administrative Services



Ranked #216 in the Top 500
Design Firms by
Engineering News Record

600+
Staff Nationwide
110
Metro St. Louis Staff

CONTACT

Ryan Uebinger, PE
Principal
314.962.7900
ruebinger@f-w.com

www.f-w.com



Echo Bluff State Park - Full Service A/E / Shannon County, MO

MODOT LPA CATEGORIES: ROADWAY DESIGN, TRAILS & SIDEWALKS, STRUCTURES, ENVIRONMENTAL

Farnsworth Group was selected as the prime A/E firm to transform the former site of a hippie music fest into one of the nation's newest state parks. Located in Southern Missouri in the heart of the Missouri Ozarks, Echo Bluff State Park opened to the public after a very aggressive design and construction schedule. The park centers around the beautiful Echo Bluff and the meandering Sinking Creek, located at the bluff bottom. The site includes a contemporary rustic lodge, cabins, amphitheater, bluff-top event pavilion, 60 full-service RV camp sites, maintenance building, restrooms, and walk-in primitive camp sites. The design features a signature 456-foot-long vehicular and pedestrian bridge, 13,350 linear feet of the new paved roadway, multi-purpose paved walkways, hiking/biking trails, zero-discharge wastewater facilities and landscaping. Farnsworth Group worked closely with Missouri State Parks and the Governor's Office on this signature project.



Edgar Road Left Turn Lane / Webster Groves, MO

MODOT LPA CATEGORIES: ROADWAY DESIGN, TRAFFIC ENGINEERING & TEAP

Farnsworth Group was selected to design the new Edgar Road left turn lane on Webster University's campus. The purpose of the project was twofold. First, to accommodate the increasing number of left turners utilizing the new parking garage on Garden Ave. Second, to decrease congestion and improve both vehicular and pedestrian safety.



Orange Prairie Road / Peoria, IL

MODOT CATEGORIES: CONSTRUCTION INSPECTION, STRUCTURES, ROADWAY DESIGN, TRAFFIC ENGINEERING AND TEAP

Phase I planning, Phase II design, and Phase III construction services for the 2.5 mile extension of Orange Prairie Road between US 150 (War Memorial Drive) and the intersection of IL 91 and Grange Hall Road (CH D-32), including the completion of an Environmental Assessment Report. This project was completed on an extreme fast track schedule.

Murdoch Avenue Bridge Reconstruction / Webster Groves, MO

MODOT CATEGORIES: STRUCTURES, ROADWAY DESIGN

Constructed in 1930, the existing concrete bridge over the BNSF Railway tracks had deteriorated to become structurally insufficient as well as deficient in vertical clearance over the tracks. As a vital connector between the City and Interstate Highway 44, the City took action to secure federal matching funds through the BRM program administered by MoDOT. Farnsworth Group was chosen through a QBS process to provide engineering services for the new replacement bridge.



Egyptian Trail Reconstruction & Utilities Coordination / Monee, IL

MODOT CATEGORIES: CONSTRUCTION INSPECTION, ROADWAY DESIGN, TRAFFIC ENGINEERING & TEAP

Farnsworth Group provided detailed design and construction inspection for the Egyptian Trail reconstruction in Monee, IL. The project consisted of a complete reconstruction of an approximate 0.7-mile-long stretch of Egyptian Trail, including ROW acquisition, pavement and storm sewer removal, new storm sewer, curb and gutter, sidewalk, full depth HMA pavement, construction of a new roundabout, street lighting, and pavement markings. The project was federally funded with the Village sharing in the cost. (80% federal funds / 20% local). In addition to design services, Farnsworth Group provided utility coordination services including identification of potential conflicts, review of relocation plans, and permitting recommendations to the Village.

The utilities involved included natural gas, power, water, and three (3) telecommunications providers. During the construction observation phase of the project, Farnsworth Group coordinated the relocation of utilities in conflict. This included on-site inspections and coordination meetings with the Village and required utility representatives.



Historic Murray Baker Bridge Lighting / Peoria, IL

MODOT LPA CATEGORIES: HISTORIC PRESERVATION

When the Illinois Department of Transportation announced plans to replace the deck of the Murray Baker Bridge, the City of Peoria saw an opportunity to light the exterior structure and span of this iconic bridge that crosses the Illinois River. Farnsworth Group conducted public presentations and public meetings to gain stakeholder and community input on various decorative lighting options and opportunities. Following concept development, Farnsworth Group's electrical engineers designed plans including luminare and mounting details, wiring diagrams and controller cabinets for the exterior lighting system. The bridge structure is now illuminated in bright white while the deck lighting can display a variety of color options. The Murray Baker can now be seen through numerous points of Peoria and East Peoria, contributes to civic pride, and shines brightly as one of the iconic structures in Central Illinois.



2021 Missouri Historic Preservation Award Winner

Thunderbird Lodge Historic Preservation / DeSoto, MO

MODOT CATEGORIES: HISTORIC PRESERVATION

Farnsworth Group led the renovation of the historic Thunderbird Lodge at Washington State Park. This structure was constructed 1930s and is on the National Register of Historic Places. The preservation of the building includes a new wood shake roof, historic replica windows, historic replica doors, new flooring, wall coverings, and ADA upgrades. Additionally, site grading and drainage were taken into consideration to help limit future flooding of the facility.



Camelback Historic Bridge / Normal, IL

MODOT CATEGORIES: HISTORIC PRESERVATION, STRUCTURES

Camelback Bridge is a historic wooden bridge that arches over the Constitution Trail in Normal, IL. Farnsworth Group has been providing historic preservation services for this bridge since 2000. We have designed conceptual plans for landscaping improvements, seating in a new shelter, bike storage facilities, and restoration of damaged areas. Most recently, we are providing bridge inspection engineering services, plans, specifications, and estimates for structural repairs of the bridge using local funds.