



**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  
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Farnsworth Group, Inc.

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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 Trail & Sidewalk Services 2026-2029

### 1 / General Experience of the Firm

Farnsworth Group's St. Louis Office has provided trails and sidewalk engineering services for more than 60 years. We have worked with over 100 local communities within Missouri and Illinois, County Engineers, and the Missouri and Illinois DOT's on a multitude of sidewalk and trail related projects. We approach each client relationship and project based on our firm's Core Values (Integrity, Loyalty, Fairness, and Excellence).

Trails and Sidewalks provide many benefits to communities including promoting healthy lifestyles, transportation, economic, and a sense of community pride. At Farnsworth Group, we firmly believe that our corporate commitment to providing high quality technical services and emphasizing efficiency, partnering, communication, and collaboration on every project are critical in assisting our clients to successfully implement trail and sidewalk projects.

Farnsworth Group provides complete trails and sidewalks services including master planning, alternative analysis, environmental clearances, cost estimating, easements, construction documents, ADA design, signal design, lighting design, and Landscape Architecture. We have experience in a wide range of environments including the development of greenways, street corridors, urban core areas, parks and rails to trails.

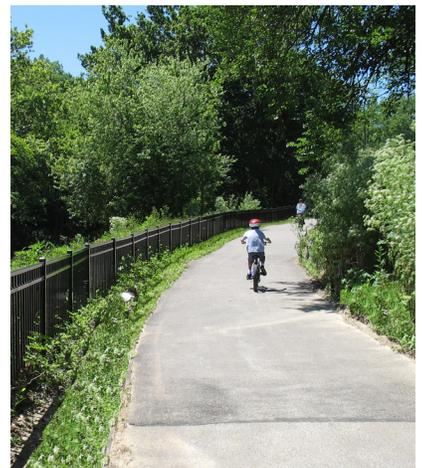
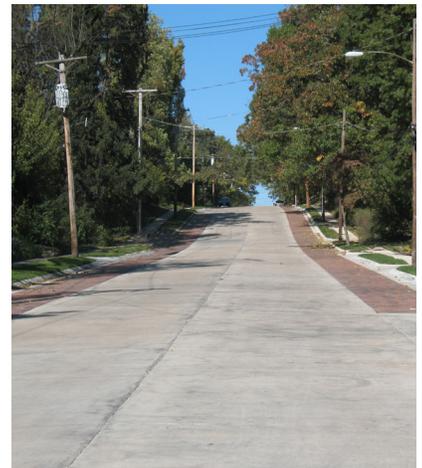
Our emphasis is developing solutions to the unique challenges of each trail or sidewalk project to meet the special needs of the owner and the available funding. We integrate green design solutions into each project including pervious pavements, bioswales, native plantings, treatment ponds, and other BMPs as dictated by the project needs. Above all we strive for innovation, cost effectiveness, accessibility, safety, and ease of maintenance. In all our projects we also strive for inclusivity by incorporating ADA/PROWAG guidelines to the maximum extent possible.

### 2 / Past Performance

The following projects provide a sampling of our experience completing trail and sidewalk engineering projects with various funding sources, including federal LPA projects.

#### Deer Creek Trail, Maplewood, Missouri

As a part of the proposed Shady and Deer Creek Greenway, Farnsworth Group was commissioned by The Great Rivers Greenway District to design 3,550 feet of trail including a new 114-foot-long pedestrian bridge. The trail parallels Deer Creek and traverses Deer Creek Park and Deer Creek Center in the City of Webster Groves and the City of Maplewood. Working in conjunction with the Corps of Engineers and the St. Louis County Highways and Traffic Department, the trail passes under the Laclede Station Road bridge spanning Deer Creek. Careful consideration was made to ensure that the trail design meets all ADA and AASHTO standards for mixed-use pedestrian trails.



(Top) Shaw Park Trail, Clayton, MO  
(Center) Rock Hill Road, Webster Groves, MO  
(Bottom) Deer Creek Trail, Maplewood, MO

## Shaw Park Trail, Clayton, Missouri

Shaw Park is the jewel of the City of Clayton park system. As a part of the City's on-going master plan for the Park, Farnsworth Group's design included 3,700 lineal feet of new trails as well as the reconstruction of 2,500 lineal feet of existing trails.

## Echo Bluff State Park, Shannon County, Missouri

In conjunction with the design of the new Echo Bluff State Park (EBSB), located in Shannon County, Missouri, Farnsworth Group included the development of an extensive sidewalk and paved trail system throughout the new park. In total, there is over one (1) mile of concrete sidewalks and paved trails connecting all the various amenities in the park. Included in the system is an extensive network of ADA accessible sidewalks and trails leading outward from the main lodge.

## South Main Street, St. Charles, Missouri

Reconstruction of 2,000 lineal feet of historic South Main Street from Boone's Lick south to the Reservoir in the City of St. Charles, Missouri. Improvements included the removal of approximately 1,100 lineal feet of existing brick pavement, concrete curbs and sidewalks, and replaced them with a new brick roadway on a concrete base over an aggregate base, concrete curbs, storm sewers, and brick sidewalks. Amenities included gas street lights, street trees, decorative signs, and benches. Special emphasis was placed on ADA/PROWAG compliant accessible routes throughout the entire project.

## North Rock Hill Road, Webster Groves, Missouri

The North Rock Hill Road project consisted of the total reconstruction of approximately 0.36 miles of existing concrete road from the Kirkham Avenue to Bismark Avenue in Webster Groves, Missouri. The project included the removal of the existing concrete road and asphalt shoulder outside of the mountable curb that home owners were using for parking. The new roadway design consisted of a wider cross section to provide a full parking lane for the residents on both sides of the street and new sidewalks on both sides of the street. The new sidewalks and all handicap ramps at the intersections were designed in conformance with ADA/PROWAG guidelines.

## Additional Trail and Sidewalk Experience

- Kickapoo Rail Trail
- Current River State Park Trail System
- Heman Park Centennial Greenway Trail
- Blackburn Park Bike Path
- North Ballas Road Sidewalks
- South Ballas Road Sidewalks
- Kirkham Road Reconstruction with Bike Lanes
- Bompart Avenue Reconstruction with Bike Lane



Shaw Park Trail, Clayton, Missouri



Echo Bluff State Park, Shannon County, Missouri



Shaw Park Sidewalk, Clayton, Missouri

## 3 / Qualifications of Personnel

### Jim Klein, PE, MBA - SENIOR ENGINEERING MANAGER

Mr. Klein has over 24 years of experience as a program/client manager, project manager, lead engineer and engineering/construction manager. His project management experience includes projects with multidiscipline design teams in the parks and recreation, transportation, and utilities clients. He is adept at managing production, schedule, scope, and budget through all phases of the project life cycle. His recent experience includes the Parks at New Melle in St. Charles County, MO.

### Jeff East, PE - SENIOR ENGINEER

Mr. East is a civil engineer with over 10 years of experience specializing in site design, geometric layout, grading, and drainage design. During the construction season, he has served in a construction inspection role for parks and recreation, roadway, and utility projects, giving him a practical background. His recent experience includes the Parks at New Melle in St. Charles County, MO as well as Frank Horton Recreational Trails

### Jeff Brocco - DESIGN MANAGER

Mr. Brocco offers our clients over 50 years of experience with strong skills in construction document preparation and CADD generated documents. He has acquired a solid background in the preparation of civil and survey as well as architectural, structural and mechanical/electrical/plumbing drawings. His recent experience includes Echo Bluff State Park in Shannon County, MO as well as Current River State Park in Salem, MO.

## 4 / Familiarity and Capability

Farnsworth Group understands that the project funding type can greatly impact a project's planning, design scope, and construction implementation schedule. Our team's extensive experience with all funding types, including Federal, State, MFT, BUILD, TIGER, EDA, DCEO, TARP, HSIP, and general funding, allows us to quickly recognize the advantages and disadvantages for each funding type in the planning process and identify critical path items to produce high quality plan documents as efficiently as possible. Below we have listed a selection of 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 design with a strong emphasis of getting things completed on-time and on-budget. We believe the best demonstration of our past performance is through the testimonies of our clients. Below is a recent client testimonial ([Echo Bluff State Park project](#)) demonstrating our multi-discipline team's dedication for delivering successful project outcomes.

*"Farnsworth Group quickly assembled a team of experienced professionals to lead the State through visioning, master planning, environmental assessments, architecture, interior design, engineering, agency approvals, bidding, and construction administration. The extremely compressed schedule required the full-time commitment of the team from start to finish....This success was not possible without the strong, collaborative teamwork between the State of Missouri and the dedicated Farnsworth Group team." - Jeremiah W. (Jay) Nixon, Former Governor of Missouri*

## 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

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## 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.