



**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:

HOWE COMPANY, LLC

Firm Contact Name:

SHANNON J. HOWE, P.E., S.E.

Contact Email  
Address:

shannon@howecompany.com

Firm's Mailing Address:

804 E PATTON ST

MACON, MO 63552

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**



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December 5, 2025

Ashley Buechter, P.E.  
Local Programs Administrator  
Missouri Department of Transportation

**SUBJECT: LPA On-Call Services - Letter of Interest - Structures**

Missouri's local public agencies will benefit from the addition of Howe Company, LLC to the LPA On-Call list. Our experience with a variety of projects and knowledge of the MoDOT LPA process will help them improve their communities. We also try to make it easy for MoDOT staff.

**GENERAL EXPERIENCE OF THE FIRM**

Howe Company, LLC began in 2014 with a focus on federally funded transportation work. The majority of work for the company is repeat work from local governments. We understand rural needs, funding assistance, and navigating funding programs. Our key staff have 11-30 years' experience.

Howe Company is a leading provider of BRO projects for the LPA program. Our **recent delivery performance** is summarized in the table below, for the period ending November 30, 2025.

Calendar Year	BRO Projects Authorized for Howe Co.	Projects Advertised	Projects Built to Date	Projects in Design Phase
2022	18	17	17	1 (1)
2023	32	28	14	4 (2)
2024	3	1	0	2 (3)
2025	15	0	0	15 (4)

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- (3) One bridge is historical. One is in the final plan stage.
- (4) All are in the design phase process.

**QUALIFICATIONS OF PERSONNEL**

One key to our success has been our All Star Team for local transportation projects. A summary of qualifications for each staff member is enclosed and made part of this letter of interest.

**ACCESSIBILITY**

In order to complete projects in a short period of time, we are responsive to our clients and communicate with them on a regular basis. We provide monthly written updates. Our clients have our cell phone numbers and we have theirs. This allows for prompt and timely communication.

Please contact us with any questions.



Shannon J. Howe, P.E., S.E.  
Howe Company, LLC



## Summary of Howe Co Personnel Qualifications

### **Shannon J. Howe, P.E., S.E. – Principal / Manager of LLC / Project Engineer / Structural Engineer**

Shannon has 30 years of experience serving Missouri's local governments. He has helped 40 counties address some form of bridge problem in his career. Shannon has served as a project engineer or project manager for about 400 local public agency bridge replacements. He has assisted with projects that have been funded by BRO & soft match credit, CDBG, FEMA, MoDOT multi-modal, and local funds. Shannon has experience with every aspect of a bridge replacement project. In addition, he has much experience with roads, streets, sidewalks, parking, and storm water projects. He also oversees all aspects of construction inspection. Shannon is one of few licensed structural engineers (SE) in north Missouri. He has completed the MoDOT LPA training and is certified for both field testing and lab testing of concrete.

### **Aaron Lukefahr, P.E. – Project Engineer with Howe Co since 2014.**

Aaron has over 12 years of experience. He started work on county bridge projects after his graduation from the Missouri University of Science & Technology in Rolla. Aaron is a lead engineer for the structural design of projects and performs many structural calculations for bridge projects and assists with construction inspections, concrete testing, and administration of construction contracts and project closeout. Aaron is proficient with hand calculations, design software, and CAD software used to develop bridge plans. Aaron has completed the MoDOT LPA training and is certified for both field testing and lab testing of concrete.

### **Joshua Lambeth, E.I. Project Engineer with Howe Co since 2021**

Josh has 5 years' experience. He started working on local transportation projects after his graduation from Missouri S&T and has contributed to projects involving bridges, roads, streets, sidewalks, and trails. Josh performs construction observation, and assists with administration of construction contracts. He is proficient with HEC-RAS, AutoCAD, Civil3D, and software used for photogrammetry. He is a licensed UAV pilot and has flown over 30 photogrammetry and LiDAR missions.

### **Beth Moots – Engineering Technician with Howe Co since 2014.**

Beth has over 27 years of experience with LPA projects with a focus on local transportation projects. She works daily in the MoDOT RER system. Her expertise is the design phase development of projects but she has experience with construction inspection and concrete testing as well. She regularly performs hydraulic calculations for bridges and box culverts, coordinates with utility companies, and pursues environmental permits. She has experience with sidewalk layout and details preparation. Beth is very effective at communicating with out of state landowners to help them understand a project and the need for easements. She effectively tracks the progress of multiple projects and assists with the coordination of staff assignments in the company. She attended and completed the USDOT/FHWA Designing Pedestrian Facilities for Accessibility training.

### **Dakota Witmer – Engineering Technician with Howe Co since 2021**

Dakota started his employment at Howe Company upon his graduation from Missouri State Technical College in Linn with an Associate Degree in Drafting. He has contributed to projects involving bridges and roads including layouts, grading, cross sections, structural plans, and quantities. He is MoDOT certified for field concrete testing and has much experience with construction inspection.

### **Phillip Howe – CAD Designer & UAV Pilot joined Howe Co in 2022**

Phillip recently joined Howe Co to assist with project design, plan production, and photogrammetry/LiDAR work. His background includes being a union boiler maker with certifications in many areas of welding, custom auto fabrication, and steel fabrication. He regularly contributes to plan production for projects having roads, bridges, parking lots, water mains, sewer mains, stormwater, and structures. Phillip is part of the company quality control team.



### **Evan Rist – Engineering Technician with Howe Co since 2023**

Evan is a natural problem solver with strong math skills and a preference for organization and efficiency. He worked in the IT service area before joining Howe Company. Evan leads our efforts to accommodate the relocation of utilities for our transportation projects and provides CAD design for transportation projects. His background and problem solving skills make it easy for him to contribute to any project we have. Evan serves on the company quality control team.

### **Paul Winkelmann, P.E. – Project Engineer with Howe Co since 2023**

Paul has over 35 years of experience in Missouri transportation. In the early years of his career Paul worked in the central district of MoDOT. He then went to Callaway County and served as their Highway Administrator until he retired in late 2023. At Howe Company, Paul helps with client communications, right of way acquisition, construction inspection, construction contract administration, and serves on the company quality control team.

### **Nikki Moyer- Administrative Technician with Howe Co since 2017**

Nikki has 8+ years' experience in a role that is critical to every project. She started her time at Howe Company answering phones and helping with a variety of office administration tasks. Nikki now handles the bidding process for 30+ projects each year including the preparation of bid documents, coordinating the advertisements, preparation for bid openings, evaluation of submitted bids, preparation of award documents, coordination of contracts, and preparation for preconstruction conferences.

### **Thomas Heald – Engineering Technician for Construction since 2023**

Tom is an Army veteran that leads our construction administration process as the lead person to receive and review submittals, pay requests, change orders, and project closeout. He also helps with key construction observation and concrete testing.

### **Garry McFee – Client Services & Construction Inspection with Howe Co since 2021**

Garry assists with construction observation, client communications, and project delivery. His past experience includes being a DeKalb County Commissioner, Maysville city councilman, farmer, and owner of a trucking company.

### **John Schaefer, P.L.S. – Professional Land Surveyor with Howe Co since 2017**

John has 23 years of experience with various types of land surveying to support transportation projects. He is the surveyor of record for Howe Company and is active in both field and office work for LPA projects. John oversees the development of legal descriptions and easements for projects. He has much experience with construction staking as well.

### **Matt Winkler, P.L.S. – Professional Land Surveyor with Howe Co since 2017**

Matt has 25 years of experience with various types of land surveying to support transportation projects. He is a staff land surveyor for Howe Company and is active in both field and office work for LPA projects. Matt's work consists of mostly field work for surveys and construction staking.

### **Christina Howe – Administrative Technician with Howe Co since 2014**

Chris has over 20 years of experience managing an office, performing office book keeping, etc. She has attended the MoDOT LPA training and assists with various aspects of project administration including the preparation of reimbursement requests which helps LPA's obtain their federal funds. Chris has over 11 years' experience with the LPA program.





## ON-CALL STRUCTURAL/BRIDGE ENGINEERING SERVICES

### ABOUT US

We have been in business since 2014. Our core business is local transportation projects with federal funding. Our key staff have 11-30 years' experience in the LPA program. We are a leading provider of LPA projects with federal funding.

### RECENT PERFORMANCE

(As of November 30, 2025)

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- (3)- One bridge is historical. One is in the final plan stage.
- (4)- All are in the design phase process.

Howe Company, LLC also provides specialized bridge services through the **(BEAP) Bridge Engineering Assistance Program** administered by the Missouri DOT for the purpose of helping Local Agencies address a variety of bridge problems.

### PHILOSOPHY

- Deliver a good design on time.
- Help our clients have a good project experience.
- Keep our clients informed about the status of their projects.

### TECHNICAL EXPERTISE & EXPERIENCE

Relax, knowing we have all the technical expertise needed to complete your project. Our All-Star team consists of professional engineers, (P.E.), a professional structural engineer, (S.E.), senior designers, project managers, land surveyors, and other experts.

We regularly prepare competently engineered structural plans. Our abilities generally include plans development, detailing, hydraulic studies, foundation design, survey, cost comparisons, environmental clearances, right of way, and may include other work related to bridge design.

### CAPACITY & CAPABILITY

We can handle 30-35 bridge projects per year with some projects in the design phase and some in the construction phase. We have a strong understanding of the various funding types, including;

- Regional Bridge Funding, BRO & BFP
- Soft Match Credit
- Multi-Modal for bridges over railroads.
- Community Development Block Grants
- FEMA replacement & mitigation
- FHWA Discretionary Grants



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804 E Patton Street

Macon, MO 63552

Phone: 660-395-HOWE (4693)

Email: [shannon@howecompany.com](mailto:shannon@howecompany.com)



**Macon County Bridge No 47700061 RRP 000S(512)**

Intrepid Road over the BNSF Railway

This is a 205'-0" long , three span, 10-degree skew bridge

The design was completed in approximately 6 months.

Construction Cost was \$ 1,337,494.50.

This project included partial federal funding.



**Ray County Bridge No 2200002, BRO-B089(29)**

This is a 17' tall x 24' wide x 127' long, single cell box culvert

Construction Cost was \$538,833.00.

This project included federal funding.



**Chariton County Bridge No 34300252, BRO-B021(38)**

This is a three span concrete deck girder bridge with HP 12x53 piles.

Construction cost was \$888,397.40.

This project included federal funding.



**Mercer County Bridge No 25200072, BRO-B065(40)**

This is a 97 feet long x 24.5 ft wide NU-43 concrete girder bridge.

Construction cost was \$651,948.00.

This project included federal funding.



**Grundy County Bridge No 39700081, BRO-B040(26)**

This is a 332'-9" feet long, three span bridge. Construction cost was \$1,231,349. This project included federal funding.



**Lewis County Bridge No 16700151, BRO-B056(12)**

This is a 260'-0" three span bridge with steel girders, concrete bridge deck, steel foundation piles, concrete abutments, concrete spread footings, and concrete intermediate piers. Construction cost was \$1,169,735.19. This project included federal funding.



**Clark County Bridge No 11000371, RRP-000S 582 USDOT 005026U**  
Howe Company designed a 210' three span, NU-43 prestressed concrete I-girder bridge over BNSF Railways with steel piling. Construction cost was \$2,832,553.74. This project included partial federal funding.



**Boone County Br No 0420020**

Dripping Springs Road

Howe Company designed a 124' long single span, prestressed concrete girder bridge. Construction cost was \$552,920. This project was county funded.



**DeKalb County Bridge No 21400063 BRO-R032(40)**

Howe Company, LLC designed a 78' single span, W33x169 steel girder bridge. Construction cost was \$599,725.40. This project included federal funding.



**Gentry County Bridge No 31500081, BRO-B038(28)**

Howe Company, LLC designed a 124'6" single span, precast NU53 concrete I-girder bridge. Construction cost was \$685,364.80. This project included federal funding.



**Callaway County Burnett School Road Bridge on County Line**

(Boone Co Br No 3850011) over Cedar Creek, 151529FLAP054

Howe Company designed a replacement for this bridge located on the county line with challenging landscape. This project involved the following agencies: U.S. Forestry Service, University of Missouri – Columbia, Missouri DOT, Callaway County, Boone County, and Federal Highway Administration. This project included federal funding. Construction cost was \$772,948.46.



**Knox Rebel Run Bridge No 1490012b BRO-R052(23)**

Howe Company designed a 204'-0", three span bridge with prestressed concrete NU-35 girders with steel HP 12x53 piling. Construction cost was \$1,304,935.92. This project included federal funding.



**Carroll County Bridge No 4070001 BRO-B017(80)**

Howe Company designed a 182' through truss with concrete abutments on auger cast piles. Construction cost was \$2,340,947.72. This project was BNSF funded.



**Scotland County Br No 40700071 RRP-000S(581) USDOT5037G**

Howe Company designed a 208' three span, NU-43 prestressed concrete I-girder. Construction cost was \$3,011,637.50. This project included partial federal funding.



**Platte County Br No 1460022 BRO-R083(27)**

Howe Company designed a 144'-6" two span, MoDOT Type-VI concrete girder bridge. Cost was \$1,129,009.38. This project included federal funding.



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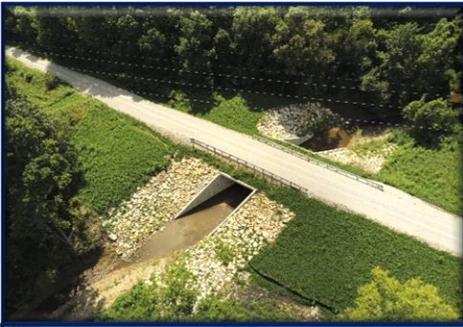
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