



ALLGEIER, MARTIN and ASSOCIATES, INC.

Consulting Engineers and Surveyors

Letter of Interest for Structures for Missouri On-Call LPA

Prequalification

Allgeier, Martin and Associates, Inc. is prequalified and is on MODOT's approved consultant list.

General Experience of Firm

Since 1954 Allgeier, Martin has successfully designed and administered contract engineering and construction inspection services for municipal, county and MPO projects. With a staff of over 125 employees, we are confident that completed projects provided in this Letter of Interest are a testimony to our experience and technical competence, not only with a successful design, but to administer a project and provide qualified field technicians. Our experienced staff of engineers and inspectors have extensive experience with the design of structures and the construction industry and realize the importance of qualified personnel that will intercept problems, work through challenges and solve problems to keep a project moving forward. Many of our clients have been repeat clients for 50 years or more. Because Missouri's LPA On-Call services require a firm of Allgeier, Martin's experience and technical competence, the client will benefit from our well trained technical staff of engineers and inspectors.

Past Record of Performance

We are confident that the examples of our performance on similar type projects included in this Letter of Interest, demonstrate our ability to provide the client with quality design engineering and inspection services that result in the best product for the client. Our professionalism drives our project managers, designers, and inspectors to provide the best possible product for our clients. Because of Allgeier, Martin's extensive involvement with municipal, county, and MPO engineering services, we have established trust with dependable service to our clients. The professional relationships we have built over the years has enabled us to clearly outline a clients expectations with any project. We have established an excellent record of performance for cost control, quality of work, and ability to meet schedules. A sampling of structural projects that Allgeier, Martin has successfully completed follows:

Deer Creek Bridge County Road 55 - Jasper County, MO

Allgeier, Martin was selected by the Jasper County Commission to provide complete design engineering and construction inspection services for a structurally deficient bridge over Deer Creek. Bridge design, surveying, hydraulic study and geotechnical work was performed. The replacement bridge was originally designed as a 30'- 40'- 30' cast-in-place haunch slab bridge. In an effort to reduce costs, alternate plans that specified a precast bridge deck were prepared and included as an alternate bid. Each design consisted of a relatively thin superstructure that allowed the approach roadways to be constructed with less fill, thereby reducing project costs. The project was successfully completed in May, 2011.



Pre-cast Bridge - Seneca, MO

The Seneca Cayuga Casino joined with the City of Seneca to retain Allgeier, Martin to design a replacement bridge in the City. Funded by the Bureau of Indian Affairs, this pre-cast arch design was selected to minimize the length of time needed for road closure and to increase culvert capacity as well as add an aesthetic appeal to the area. Services provided were design, hydraulic study, surveying and geotechnical work.



Lick Creek Bridge Replacement - Ozark County, MO

Allgeier, Martin was selected by the Ozark County Commission to provide engineering services for the replacement of a structurally deficient one lane bridge over Lick Creek located within the City of Gainesville. The bridge included a standard two lane roadway. The structure consisted of a 36'-48'-36' triple span concrete haunch slab bridge. This structure was chosen to reduce the fill and grade requirements to accommodate driveways and existing improvements. Funding was provided by the Missouri Department of Transportation through their BRO program.



Jasper County, MO - Sarcoxie, MO

A culvert in the City of Sarcoxie, Missouri was functionally and structurally obsolete. Jasper County retained Allgeier, Martin to design a new double 12' x 9' cast-in-place concrete box culvert capable of handling a 10-year storm event. The walls of the ditch were lined with gabions filled with stone to reduce the easement width and match the rock walls of the existing channel. Allgeier, Martin also provided complete construction engineering and inspection services resulting in a successful and fully functional transportation structure.

McCall Bridge Over James River - Stone County, MO

Stone county Commissioners retained Allgeier, Martin to provide full services for the replacement of the existing McCall bridge structure. The new structure is a 105' x 105' x 105' triple span pre-stressed bulb tee I-girder with pre-stressed panel construction. It is on a 20-degree skew and the final span is in the beginning of the curve. The interior bents are keyed into solid rock with the end bents on piles (north end) and spread footing (south end). The bridge is located east of Hurley, crosses the James River, and is on an 8% slope from one end to the other.



Qualifications of Personnel

- **Mike Atkinson, P.E.** is a Vice President who has extensive experience and familiarity with federal-aid projects, the MODOT Southwest District staff, as well as his 20 years of a variety of transportation design, contract administration, and inspection experience.
- **Kurt Higgins, P.E.** is a Vice President with Allgeier, Martin and Associates, Inc. with 20 years of experience in site development of civic projects, industrial parks, retail centers including stormwater management, water, sewer, site grading, hydrologic/hydraulic analysis and design as well as construction plan development for transportation.
- **Michael Keaton, P.E.** has been involved in a wide range of civil engineering projects. His 6 years of experience includes design engineering and construction plan development for stormwater, transportation, sewer and site development projects.
- **Jared Nichols, P.E.** has 6 years of experience with a range of projects. He has assisted with hydraulics, roadway layout and the structural aspects of transportation engineering projects.
- **Joe Wilson, P.E.,** is a Vice President with Allgeier Martin and is head of the Hydrology Division. He specializes in stormwater management, flood studies, bridge hydraulics, storm water master planning, stormwater management regulation development, technical training and peer review. He has more than 20 years of experience in storm water management.
- **John Emmert** has 12 years experience in construction inspection and surveying, and carries Level I and II Aggregate and Soils Testing, Level I Bituminous Paving and Superpave. Mr. Emmert is also certified by the American Concrete Institute as a certified concrete field testing technician. His level of certifications, experience and technical competency with these types of projects will be an asset to meet necessary federal-aid project requirements. Mr. Emmert is responsible for the field testing.



Qualifications of Personnel Continued

- **Mike Copley**, formerly a 20 year veteran with MODOT, brings his experience to Allgeier, Martin in several aspects of construction staking on projects with multiple miles of divided highway, bridges and drainage structures. Slope staking, pre-split on rock areas, drainage structure staking with alignment and grade adjustments made in the field, grading ditches, bridge stakes and paving grades.
- **Monnie Sears R.L.S.** has 30 years of experience in research, collection of field data, plotting, preparation of plans and profiles, and writing legal descriptions for boundary surveys, easement surveys, topographic surveys, engineering design surveys, route surveys, and construction staking.

Familiarity/Capability

Allgeier, Martin has provided planning, design, construction phase, and construction inspection engineering services on federal projects since 1954. As such, we have extensive experience in complying with federal law on projects. Managing a project from planning through construction requires experience with both protocol and process. Funding and regulatory agencies require time for review and comment at various stages. Coordination of staff in the completion of each project element calls for experience with time allotment. We have worked on industrial park infrastructure and street projects that have been funded with Economic Development Administration Grants as well as bridges, culverts, streets, intersection improvements, signalization, street lighting and utility relocation that have been funded by the MODOT, Federal Aid Bridge Replacement Off system (BRO) program. In Kansas, transportation projects performed for our clients have been funded through KLINK. Our experience with federal projects offers our clients a resource of current and extensive knowledge of federal law, record keeping requirements, and conditions inherent with each funding program.

Accessibility

Allgeier, Martin has established a step-by-step approach that involves interaction with the client that allows the owner and the engineer to understand expectations, options, costs and solutions to meet the needs of the client. We plan project development meetings with the client to gather critical project design information before any design or survey is performed. Following the initial project development meeting, we obtain a topographic survey of the area and begin the preliminary design phase. We believe it is important to engage interaction with adjacent property owners and perform preliminary field staking for a project. This allows the client and property owner a chance to provide input and, if deemed necessary, to make needed changes before the final design is completed. This type of interaction allows the final design to move forward according to the needs and expectations of the client.

Conclusion

Allgeier, Martin and Associates, Inc. is committed to providing the best quality engineering services to our clients possible. We look forward to continuing our strong working relationships with our existing clients and desire to develop new relationships with municipalities, counties and MPO's of Missouri.

Additional Engineering Services Provided by Allgeier, Martin and Associates, Inc.

- Wastewater Collection
- Wastewater Treatment
- Water Systems
- Water Treatment
- Stormwater



- Hydrology
- Hydraulics
- Surveying
- Right-of-Way

Joplin, Missouri
Rolla, Missouri



▶ ELECTRICAL



▶ CIVIL



▶ SURVEYS



ALLGEIER, MARTIN and ASSOCIATES, INC.

● CIVIL | ● ELECTRICAL | ● SURVEYS



Civil and Electrical Consulting Engineers

Allgeier, Martin and Associates, Inc. has provided planning, design, and construction phase engineering services to public and private sector clients since 1954.

The Civil Division serves municipalities, government agencies, institutions and industries and provides a complete range of services from small to large complex projects.

The Electrical Division serves rural electric cooperatives, investor-owned and municipal-owned utilities and has undertaken large, complex electrical

engineering projects in nine states in the mid-west.

We are celebrating **60 years** of "Turning Ideas Into Reality" for clients from Texas to Ohio, Louisiana to Nebraska. Despite our increased capabilities to serve medium and large clients, we still understand and serve the needs of the small client, whether municipal, commercial, industrial, or institutional.

- Airports
- Bridges
- Building Foundations and Structures
- City Engineering
- Commercial Development
- Compliance Permit Applications
- Comprehensive Planning
- Construction Representation
- Flood Control Projects
- Hydraulic Structures
- Industrial Wastewater
- Rate Studies
- Recreational Facilities
- Site Investigations and Assessments
- Stormwater Drainage
- Streets and Roadways
- Wastewater Collection Systems
- Wastewater Treatment Facilities
- Water and Wastewater Pumping Stations
- Water Distribution Systems
- Water Supply Wells and Reservoirs
- Water Treatment Plants
- Water Storage Tanks

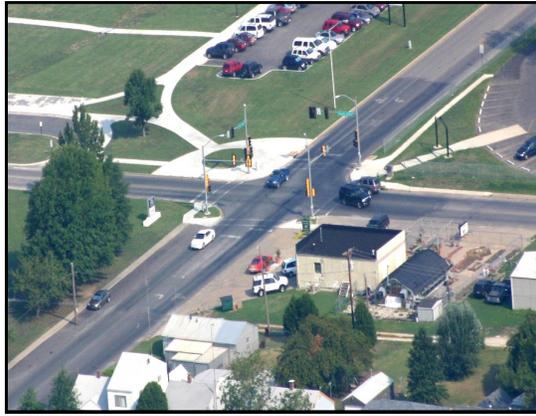


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ALLGEIER, MARTIN AND ASSOCIATES, INC.

CIVIL TRANSPORTATION CAPABILITIES



Since our inception in 1954, the design of roads, streets and intersections, bridges, signalization, street lighting, sidewalks, trails and airports has been among our featured services. We have planned and designed hundreds of miles of roads and streets for cities,

counties, industrial parks, institutional facilities, and state routes. State transportation departments, municipalities, counties, industries, and airport agencies have utilized the experience and technical knowledge of Allgeier, Martin to plan and design new facilities, or to make improvements to existing facilities, to meet the growing needs of the traveling public.



TRANSPORTATION

- Bridges
- Roadways
- Overpasses
- Structures



**U.S. Highway 166 KLINK 1R Resurfacing
(US) 166-630-2083-01 and 02 - Coffeyville, KS
National Silver Award Winning Project**





TRANSPORTATION

Trails
Sidewalks



Through the use of state-of-the-art technology, an expert staff, and precise planning, we deliver and execute engineering, surveying and design projects with desired results.



For more information,
scan the QR code
or contact us
at mail@amce.com.

