



**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:

Affinis Corp

Firm Contact Name:

Mike McKenna, PE, PTOE

Contact Email
Address:

mmckenna@affinis.us

Firm's Mailing Address:

8900 Indian Creek Parkway, Suite 450

Overland Park, Kansas 66210

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**



December 12, 2025

Ashley Buechter, PE
Local Program Administrator
Missouri Department of Transportation
Submitted by email to LPAoncall@modot.mo.gov

RE: Request for LPA On-Call Professional Services for Roadway Design

Dear Selection Committee,

Our passion at Affinis is to help move communities forward by using our engineering expertise. **Local public agencies can find a team they can trust at Affinis.** Our team of experienced roadway and highway engineers is prepared to provide design solutions for all of your roadway challenges.

General Experience of the Firm

Affinis is a civil engineering firm committed to excellence, collaboration, balance, servant leadership, and trustworthiness. Our team of over 40 coworkers is made up of professional engineers, land surveyors, technicians, and project managers who are committed to delivering exceptional services. The scale and scope of the on-call projects are a perfect fit for our team. With Affinis, you always get our “A” team to complete projects quickly and cost-effectively.

Our transportation expertise encompasses a range of disciplines, including:

- Roadway Design
- Pavement Management
- Stormwater Analysis and Design
- Utility Coordination and Accommodation
- Pedestrian and Bicycle Accommodation
- Street Lighting Design



Affinis's most recent MoDOT LPA project is with the City of Independence, 23rd Street Complete Streets, Phase 3

The Affinis team provides all the roadway services you are looking for. We approach each project knowing that it will have unique challenges and opportunities. With transparent, proactive communication, we talk about your goals and expectations. We develop a solid plan with the appropriate level of detail to help you successfully reach those goals. Our flexibility lets us tailor our services, approach, and deliverables to best fit you.

At the onset of each project, we work with you to develop a design memorandum to outline the scope of improvements, design standards, and schedule. For simple projects, we can use aerial and GIS mapping for the design basemap. On more complex projects, our in-house surveyors perform topographic field surveys and gather property information. This approach helps us meet your expectations on budget and in a reasonable time frame. Simple, complex, urgent, long-term, small, or large – we have the skills and the resources to support you. Our skills for roadway design range from rehabilitation to full reconstruction, from residential to major arterials.

Past Performance

Each project has its own challenges and circumstances. Over the years, we have learned the importance of tailoring each approach to meet a project's unique needs. The Affinis team brings an exceptional combination of project experience and expertise to provide the services an LPA may need on an on-call basis.

	Skills									Personnel				
	Roundabout	Widening	Resurfacing/Pavement Reconstruction	Utilities Accommodation	Signals	Right-of-Way	Environmental Clearance	Pedestrian and Bicycle Facilities	Street Lighting	Survey	Linda Rottinghaus, PE	Jacob Wilson, PE	Anthony Kammerer, EI	Khyraa Mitchell, EI
MoDOT - Route HH at I-29 Interchange	●	●	●	●		●	●		●	●	●	●	●	●
MoDOT - Route J Safety Improvements	●	●	●	●		●	●		●	●	●	●	●	●
MoDOT - Webb City Intersection Improvements	●		●	●	●	●			●	●	●	●		
MoDOT - NW District ADA Improvements						●	●	●		●	●	●		●
Independence, MO - 23rd Street Complete Streets, Ph. 2		●	●	●	●	●	●		●	●	●	●		●
Independence, MO - 23rd Street Complete Streets, Ph. 3		●	●	●	●	●	●		●	●	●	●		●
KDOT - K-68 Expansion Project		●	●	●		●			●	●	●	●		
Grandview, MO - Blue Ridge Boulevard Improvements			●	●		●				●	●	●		

Qualifications of Personnel



LINDA ROTTINGHAUS, PE | ROADWAY TEAM LEADER

Linda has over 35 years of experience and enjoys working with her clients to find the best solution for a community. While her wheelhouse is in roadway design, she has grown to be our in-house pedestrian and bicycle facility expert. Her strength is in delivering balanced solutions to meet the needs of all stakeholders. Linda is a mentor for Senior Design Projects in the civil engineering department at the University of Missouri – Kansas City and enjoys helping both students and clients sort through the options to find the best solutions.



JACOB WILSON, PE | ROADWAY ENGINEER

Jacob has a depth of experience in roadway and traffic design as well as construction knowledge. He enjoys working on geometrics and delivering solutions that serve and improve the quality of life of the public. He designs and provides guidance on various projects, as well as performing QC/QA checks. His combination of experience helps him bring projects to life that are not only effective and efficient, but also constructable. Before joining Affinis, Jacob worked for the Missouri Department of Transportation (MoDOT) for 14 years.



ANTHONY KAMMERER, EI | ROADWAY ENGINEER-IN-TRAINING

As an intern engineer at Affinis, Anthony assists with arterial and neighborhood street design. While his primary focus is roadway design, Anthony also has experience in the design and layout of both storm and sanitary sewer systems. With a broad knowledge base, Anthony works in many facets of a project, leading to a holistic design philosophy. From public meetings to permitting, Anthony is there every step of the way to help deliver the designs that move communities forward.



KHYRAA MITCHELL, EI | ROADWAY ENGINEER-IN-TRAINING

Khyraa has joined Affinis with six years of experience. Her range of experience includes ADA improvements, sidewalk design, roadway and highway design, and drainage and culvert design. She is skilled at applying engineering principles to real-world applications. For each project, she strives to find the best solution for her clients.



JT TE, EI | ROADWAY ENGINEER-IN-TRAINING

JT is an intern engineer on our Roadway Team. In this role, he assists his co-workers by performing calculations and completing designs. A recent graduate, JT brings a fresh perspective to each project.

Familiarity/Capability

Affinis has a long history of working with municipalities, counties, and DOTs on federally funded projects. We understand the federal guidelines that apply to construction projects and environmental compliance. We view ourselves as an extension of your staff that will help you successfully complete local LPA roadway design projects. Our team is ready and has the right capabilities to fulfill any and all of an LPA's roadway design on-call needs.

Accessibility

We pride ourselves on being accessible and responsive, always **striving to engineer ways to make your life easier**. Responsiveness is very much a part of our service. One of the first questions we ask is "When do you need this completed?" At Affinis, it is more than just delivering a project on time and under budget. It's about understanding your challenges, communicating, and collaborating with you to explore solutions. The nature of on-call contracting is to be ready when services are required, and we are well able to meet the needs of LPAs.

• **The nature of on-call roadway design work is to be ready when services are required, and Affinis is committed to responding quickly to LPA roadway design needs wherever they occur across Missouri.**

Why Affinis?

Affinis brings proven experience designing and delivering roadway projects and has worked extensively with MoDOT staff and local Missouri municipalities to develop designs that balance safety, constructability, and long-term maintenance needs. We take pride in being a trustworthy extension of your in-house staff. From rural two-lane corridors to urban arterial improvements, our team has a diverse portfolio of experience that can adapt to each project's unique needs.



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December 12, 2025

Ashley Buechter, PE
Local Program Administrator
Missouri Department of Transportation
Submitted by email to LPAoncall@modot.mo.gov

RE: Request for LPA On-Call Professional Services for Trails & Sidewalks

Dear Selection Committee,

Affinis enjoys providing multimodal transportation solutions for our clients. It is our pleasure to provide opportunities for more diverse, more inclusive, and more accessible ways to go about life. Over the years, we have provided trail and sidewalk design to a variety of Missouri public agencies, including the City of Grandview, the City of Independence, and the City of Lee's Summit. We are excited to offer these services to you!

General Experience of the Firm

Affinis is a civil engineering firm committed to excellence, collaboration, balance, servant leadership, and trustworthiness. Our team of over 40 coworkers is made up of professional engineers, land surveyors, technicians, and project managers who are committed to delivering exceptional services. The scale and scope of the on-call projects are a perfect fit for our team. With Affinis, you always get our "A" team to complete projects quickly and cost-effectively.

Our trail & sidewalk expertise encompasses a range of disciplines, including:

- ADA Compliance
- Trail Design
- Sidewalk Design
- Sidewalk Ramp Design
- Pedestrian and Bicycle Accommodation
- Pedestrian Signal Design



Affinis has just completed a MoDOT LPA project with the City of Grandview along Blue Ridge Boulevard

The Affinis team provides all the trail and sidewalk design services that you request. Having performed this service for many Missouri municipalities, we have our foundation of skills built and are ready to apply them to future projects. See the below quote from our client, Adi Smadi, PhD, PE, Project Manager for the City of Independence, to see what he has to say about our work on the 23rd Street Complete Streets project.

"This project includes the construction of new ADA-compliant sidewalks and ramps, dedicated bike lanes or shared use path, curb & gutter, push button pedestrian signals, transit stop improvements, retaining walls, storm drainage improvements, new green infrastructure, and landscaping along 23rd Street. **Affinis's work is significantly contributing to the success of the project by providing multimodal transportation options that promise improved user experience, safer routes to schools, and optimized mobility through effective access and conflict management.** Overall, the level of detail, quality, and effort that was put in place while delivering the plans was unparalleled.

Adi Smadi, PhD, PE
City of Independence

Past Performance

Each project has its own challenges and circumstances. Over the years, we have learned the importance of tailoring each approach to meet a project's unique needs. The Affinis team brings an exceptional combination of project experience and expertise to provide the services an LPA may need on an on-call basis.

	Skills						Personnel			
	Pedestrian Bicycle Facilities	Right-of-Way	Environmental Clearance	Signals and Lighting	Retaining Walls	Survey	Federally Funded	Linda Rottinghaus, PE	Jacob Wilson, PE	Anthony Kammerer, EI
De Soto, KS - Sunflower Recreation Trail	●	●	●			●	●	●	●	●
Overland Park, KS - 91st Street Trail	●		●		●	●				
Independence, MO - 23rd Street Complete Streets, Ph. 2	●	●	●	●	●	●	●	●	●	●
Independence, MO - 23rd Street Complete Streets, Ph. 3	●	●	●	●	●	●	●	●	●	●
Grandview, MO - Truman Farm Home Trail	●	●	●		●	●	●	●		
Grandview, MO - Blue Ridge Boulevard Improvements	●	●			●	●	●	●		●
UGWYCOKC - Safe Routes to School, Phase G	●	●			●	●	●	●	●	●
Prairie Village, KS - Windsor Park Trail	●	●	●		●	●	●			●

Qualifications of Personnel



LINDA ROTTINGHAUS, PE | TRAILS & SIDEWALKS TEAM LEADER

Linda has over 35 years of experience and enjoys working with her clients to find the best solution for a community. Her strength is in delivering balanced solutions to meet the needs of all stakeholders. She designs all aspects of roadway, including sidewalks and ramps that meet the Americans with Disabilities Act Accessibility Guidelines (ADAAG) and the Proposed Guidelines for Pedestrian Facilities in the Public Right-of-Way (PROWAG).



JACOB WILSON, PE | TRAIL & SIDEWALK ENGINEER

Jacob has a depth of experience in roadway and traffic design as well as construction knowledge. He enjoys working on geometrics and delivering solutions that serve and improve the quality of life of the public. He designs and provides guidance on various projects, as well as performing QC/QA checks. His combination of experience helps him bring projects to life that are not only effective and efficient, but also constructable. Before joining Affinis, Jacob worked for MoDOT for 14 years.



ANTHONY KAMMERER, EI | TRAIL & SIDEWALK DESIGNER

As an intern engineer at Affinis, Anthony assists with arterial and neighborhood street design. While his primary focus is roadway design, Anthony also has experience in the design and layout of both storm and sanitary sewer systems. With a broad knowledge base, Anthony works in many facets of a project, leading to a holistic design philosophy. From public meetings to permitting, Anthony is there every step of the way to help deliver the designs that move communities forward.

Familiarity/Capability

After years of performing trail and sidewalk design services for local Missouri municipalities, we are excited to partner with MoDOT LPA communities to design safe, effective, functional multimodal solutions that make your life easier.

Accessibility

We pride ourselves on being accessible and responsive, always **striving to engineer ways to make your life easier**. Responsiveness is very much a part of our service. One of the first questions we ask is “When do you need this completed?” At Affinis, it is more than just delivering a project on time and under budget. It’s about understanding your challenges, communicating, and collaborating with you to explore solutions. The nature of on-call contracting is to be ready when services are required, and we are well able to meet the needs of LPAs.

• **The nature of on-call trail design work is to be ready when services are required, and Affinis is committed to responding quickly to LPA trail and sidewalk design needs wherever they occur across Missouri.**

Why Affinis?

Our team brings decades of experience in delivering pedestrian-focused improvements for municipalities across Missouri and Kansas. We understand the unique requirements of federally funded projects, and we tailor our design and approach to help local agencies navigate this process with confidence.

Our trail and sidewalk projects prioritize user safety, community, and long-term maintenance. Whether we are developing a shared-use path, reconstructing a sidewalk network, or enhancing pedestrian crossings, our team focuses on solutions that meet MoDOT standards while still responding to local needs. We partner with City staff, residents, and other stakeholders to verify that our designs are accessible, durable, and integrate with the existing transportation modes available.

Affinis can provide a responsive team that can deliver clear plans, proactive communication, and practical recommendations. Our history with MoDOT, paired with our strong relationships with many local area municipalities, helps us anticipate challenges, coordinate smoothly, and move projects forward so they are completed on time and on budget.

“Linda has been great at developing and maintaining schedule and budgets for the plans, specifications, permitting, and cost estimates on our project.”

Ted Martin | City of Harrisonville, Missouri | Jefferson Pedestrian Walkway



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- Multimodal Planning / Systems and Facilities Design
- Transportation Planning – **NEW CATEGORY**



December 12, 2025

Ashley Buechter, PE
Local Program Administrator
Missouri Department of Transportation
Submitted by email to LPAoncall@modot.mo.gov

RE: Request for LPA On-Call Professional Services for Traffic Engineering & TEAP

Dear Selection Committee,

The Affinis Traffic Team’s expertise covers a broad spectrum of services, including pavement marking and sign design, temporary traffic control, intersection analysis, street lighting, traffic impact studies, traffic signals, traffic modeling, access management, traffic calming, speed studies, gap studies, crash analysis, and intelligent transportation systems (ITS). We are excited to offer these services to local Missouri municipalities and provide you with effective solutions.

General Experience of the Firm

The goal of moving traffic safely and efficiently through each intersection remains the same across all projects, even though the path to achieving it can look very different. The Affinis Traffic Team has delivered a wide range of intersection improvements, including traffic signal upgrades, roundabouts, added turn lanes, traffic calming measures, and other solutions tailored to specific projects. The Affinis team understands that every project comes with its own design challenges, goals, and priorities. Our role is to identify the best-fit approach to meet your needs.

Our transportation expertise encompasses a range of disciplines, including:

- Traffic Impact & Safety Studies
- Traffic Calming
- Traffic Signal Design
- Street Lighting Design
- Pavement Marking & Signing
- Construction Phasing
- Traffic Control
- Signal Timings
- Traffic Modeling

We believe **analyzing a situation or developing a solution should not be hampered by limited resources**. We work with you to get studies and analyses done in a timely and cost-effective manner.

PROOF POINT

We completed a study for the Blue Valley School District. The study included developing recommendations for all 31 schools. The recommendations ranged from adding pavement markings at crosswalks that say “eyes up, phones down”, adding speed humps and tables, as well as determining where to stripe crosswalks within the school property.



Past Performance

Each project has its own challenges and circumstances. Over the years, we have learned the importance of tailoring each approach to meet a project's unique needs. The Affinis team brings an exceptional combination of project experience and expertise to provide the services an LPA may need on an on-call basis.

	Skills							Personnel			
	Traffic Demand Forecast	Roadway Capacity Analysis	Traffic Modeling	Safety Studies	Safety Countermeasures	Traffic Signal Design	Street Lighting Design	Signing & Pavement Marking Design	Mike McKenna, PE, PTOE	Addison Miller, PE, PTOE	Guy Alon, PE, PTOE
MODOT - Route J Safety Improvements		●			●		●	●	●	●	●
MoDOT - Route HH at I-29 Interchange				●	●		●	●	●	●	●
MoDOT - Webb City Intersection Improvements	●	●	●	●	●	●		●	●	●	
Lee's Summit, Missouri - Pryor Road Improvements	●	●	●	●	●			●	●	●	
KDOT - Crawford County Traffic Signals on US-69					●	●	●	●	●	●	
KDOT - Left Turn Lane Additions at US-75 & K-9	●	●	●	●	●			●	●	●	
Leawood, Kansas - 103rd Street Improvements	●	●	●	●	●	●		●	●	●	

Qualifications of Personnel



MIKE MCKENNA, PE, PTOE | TRAFFIC TEAM LEADER

Mike is the Traffic Team leader at Affinis. He has almost 30 years of design and construction engineering experience. His long-standing relationships with those in the transportation industry and familiarity with standards and processes help us deliver quality, constructible documents to you. His experience will give you confidence that the project will fulfill your expectations.



ADDISON MILLER, PE, PTOE | TRAFFIC ENGINEER

Addison has experience in traffic and transportation engineering. He is proficient in performing various types of traffic studies, including impact studies, signal warrant analyses, and safety studies. He also has experience in several areas of traffic design, including traffic signals, pavement markings, signing, and traffic control. He is proficient in using CAD software such as OpenRoads and Civil3D, as well as traffic software like Synchro, SIDRA, and AGi32.



GUY ALON, PE, PTOE | TRAFFIC ENGINEER

Before joining Affinis, Guy worked at a local municipality and the DOT. He leverages that experience every day on our Traffic Team, helping his clients find the best solutions for their communities. In his role, Guy keeps projects on schedule and within budget, improving infrastructure and traffic flow across the metro.



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December 12, 2025

Ashley Buechter, PE
Local Program Administrator
Missouri Department of Transportation
Submitted by email to LPAoncall@modot.mo.gov

RE: Request for LPA On-Call Professional Services for Structural Engineering

Dear Selection Committee,

Affinis’s Structures Team is excited for the opportunity to work with MoDOT to complete structural designs for hydraulic structures and bridges. We look forward to providing our experience and abilities to your projects. We are currently listed as a consultant on the MoDOT Bridge Engineering Assistance Program (BEAP). We have worked with the Kansas Department of Transportation (KDOT) and numerous Kansas LPAs for years to complete their bridge and hydraulic structure design projects.

General Experience of the Firm

Affinis’s Structures Team brings a wealth of experience in bridges, culverts, pump stations, levees and dams, as well as a multitude of experience in structures for stormwater. They will help you assess whether your structures are ready for replacement or just need a spot repair or rehabilitation, saving you time and money.



K-10 Bridge Repair, Kansas Department of Transportation

In addition, we are fortunate to have Mark Hoppe, PE, on our Structures Team, who served as the State Bridge Engineer for KDOT. Prior to this position, he spent 26 years in the Bridge Section overseeing numerous critical infrastructure projects. Our structural engineering team is also experienced in engineering designs for “special” projects, or projects that do not fit into standard categories.

Our structural expertise encompasses a range of disciplines, including:

- Bridge Design
- Retaining Wall Design
- Hydraulic Structure Design
- Foundation Design
- Repair of Structures
- Review of Shoring and Falsework
- Levee and Dam Inspections

Our Structures Team is an integral part of all our projects, from a roadway reconstruction project with retaining walls, RCBs, and span bridges to a stormwater project with special hydraulic structure design. This experience has helped give us extensive knowledge of the problems you might encounter.

Past Performance

Each project has its own challenges and circumstances. Over the years, we have learned the importance of tailoring each approach to meet a project’s unique needs. The Affinis team brings an exceptional combination of project experience and expertise to provide the services an LPA may need on an on-call basis.

	Skills							Personnel		
	Substructure/Foundation Design	Superstructure Design	Plans Development	Hydraulics	Cost Comparisons	Detailing	Construction Engineering	Jason Davis, PE	Mark Hoppe, PE	Blake Walker, EI
KDOT - K-68 Expansion	●	●	●	●	●	●	●	●	●	●
KDOT - US-59 Bridge Replacements	●	●	●	●	●	●	●	●	●	●
KDOT - K-10 Bridge Repair			●		●	●	●	●	●	
KDOT - K-236 Bridge over Harris Creek	●	●	●	●	●	●	●	●	●	●
KDOT - K-246 Bridge over Terrapin Creek		●	●	●	●	●	●	●	●	●
KDOT - US-69 Bridge Rehabilitation			●		●	●	●	●	●	●
NRCS - Boiling Springs 1 Dam Rehabilitation		●	●	●	●	●	●	●	●	●

Qualifications of Personnel



JASON DAVIS, PE | STRUCTURAL TEAM LEADER

Jason has designed a wide variety of projects ranging from span bridges for stream crossings, stream bank stabilizations, retention/detention pond designs, dam design and rehabilitations, dam inspections, and dam assessment studies, structural design of hydraulic structures to include pump stations, and dam spillway bridge design. Jason brings a process-oriented approach that keeps projects on time and within budget.



MARK HOPPE, PE | STRUCTURAL ENGINEER

Before entering private practice, Mark was with KDOT for 30 years. He was a bridge designer and Squad Leader in the Bridge Section for 26 years, working on replacement and repair projects throughout the state. During his decades with the DOT, he replaced hundreds of bridges on the state system, including many urban and interstate bridges.



BLAKE WALKER, EI | STRUCTURAL ENGINEER-IN-TRAINING

Blake is a structural engineer at Affinis. He has experience in a variety of structural engineering elements, including bridge and culvert design, rehabilitations and replacements, flood control structure design, and storm sewer design. He has an eye for the details that allow our team to provide you with the highest quality designs.

Familiarity/Capability

Our Structures Team has decades of experience providing functional solutions for our clients. Jason Davis, PE, Team Leader, has been with Affinis his entire career. He knows the unique details of structural projects and utilizes a process-oriented approach that puts stakeholders and clients first. Mark Hoppe, PE, Structural Engineer, was with KDOT for 30 years before joining Affinis in 2020. He held various positions in the Bridge Section and as Bridge Team Lead in Local Projects and completed bridge repair and replacement projects across the state.

Through our relationships with federal agencies like the Natural Resource Conservation Service and the United States Army Corps of Engineers, we have had the opportunity to work on multiple “special” structures like dams, levees, spillways, intake basins, intake towers, and foundations.

Accessibility

We pride ourselves on being accessible and responsive, always **striving to engineer ways to make your life easier.** Responsiveness is very much a part of our service. One of the first questions we ask is “When do you need this completed?” At Affinis, it is more than just delivering a project on time and under budget. It’s about understanding your challenges, communicating, and collaborating with you to explore solutions. The nature of on-call contracting is to be ready when services are required, and we are well able to meet the needs of LPAs.

The nature of on-call structural design work is to be ready when services are required, and Affinis is committed to responding quickly to LPA structural design needs wherever they occur across Missouri.

Why Affinis?

The Affinis Structural Team has over half a century of combined experience supporting local public agencies on structural projects. This experience has enhanced our abilities and deepened our knowledge of bridge, culvert, retaining wall, and structural rehabilitation design. We are ready to apply that experience to your projects.

We focus on practical, constructible solutions that enhance structural soundness, safety, and extend the service life. With responsive service and clear plan sets, Affinis can deliver designs that help local agencies move their communities forward.



MOVING COMMUNITIES FORWARD



Affinis is a civil engineering firm focused on building long-lasting relationships with co-workers, clients, and colleagues. We are known as problem solvers who provide sound solutions using a collaborative, intuitive approach. We listen to our clients, learning their expectations and challenges, and work towards delivering solid solutions. Our co-workers continually strive to live out our five core values:

1. **Servant Leadership** by selflessly serving others.
2. **Excellence** with a passion for accuracy and precision.
3. **Trustworthiness** by being honest and keeping our promises.
4. **Balance** by recognizing the value of work-life balance.
5. **Collaboration** by using teamwork to solve problems.

You will discover that our emphasis on mission and values results in a high level of client satisfaction, repeat customers, and project success.

The disciplines we provide include road and highway design, bridge design, stormwater management, traffic engineering, geotechnical engineering, and land surveying for public sector clients and federal agencies.

PURPOSE

We move communities forward by creating holistic infrastructure solutions through valued partnerships with coworkers, clients, and colleagues.

VISION

Over the next 10 years, our communities will face significant challenges. Our society is evolving, which is driving a major shift in infrastructure demands and performance. Solving these infrastructure challenges will require a convergence of engineering practices, technology, and civic leadership. Our industry and political leaders must create a systemic movement to change how we engage, approach, and resolve together.

Our vision is to build and lead teams to uncover the long-term need, develop the holistic solution, then educate, adopt, and implement. The result of this movement is not just awesome infrastructure! It's a culture of truth, resilience, innovation, and progression. Ultimately, enabling people, families, and businesses to prosper and perpetuate growth.



Our Values

- Trustworthiness
- Servant Leadership
- Excellence
- Collaboration
- Balance



Roadway/Highway Engineering

Our roadway engineers have designed residential streets, thoroughfares, arterials, and highways. A senior engineer leads each of our projects, and every member of the team is equipped to handle questions and provide support. Our quality assurance and control procedures ensure our bid documents clearly and accurately convey the project design, allowing contractors to be more competitive with their bids.



Traffic Engineering

Our Traffic Team understands that having the right data is just the beginning. With our studies and designs, we look beyond the current project, using a holistic approach to select the right intersection control, geometry, signage, pavement markings, traffic control, and construction phasing. This allows us to minimize construction impact and maximize our clients' budgets as we engineer safe, efficient solutions.



Structural Engineering

Bridge and structure safety are top of mind for many clients. You can trust that our designs will protect the community by providing safe bridges and structures that people use to travel. Over the years, we've gained extensive experience working with dams and levees. We understand how to integrate the structural, geotechnical, and hydraulic design disciplines required for a successful project, all while considering impacts on current and future operation and maintenance.



Land Surveying

Having the right tools helps us collect accurate data in a timely manner, but that's just the beginning. Our Survey Team is regularly recognized for their thoroughness. We believe a design is only as great as the data behind it and excel at capturing the existing conditions of a project site and understanding which elements should be included in every survey. Our comprehensive approach results in a reliable set of plans and a reduction in design conflicts.



Stormwater Engineering

Stormwater projects often grow from nuisance calls from residents, but the solutions typically reach beyond a couple of neighbors' yards. Our approach to managing stormwater looks at the larger picture. This helps us deliver quality design products that are constructible, maintainable, and budget-conscious. We take our role to help our clients move their communities forward seriously by providing services that make lasting impacts on their investments.



Geotechnical Engineering

Our Geotechnical Team supports projects from initial exploration through construction. We begin with subsurface investigations, site characterization, and early-stage assessments to understand ground conditions and project risks. From there, we provide comprehensive geotechnical analysis and design, including dam and levee design, earth retention and slope stability solutions, foundation system design, and ground improvement strategies.

Team Leadership

ROADWAY/HIGHWAY TEAM



Linda Rottinghaus, PE
Team Leader
lrottinghaus@affinis.us



Jacob Wilson, PE
Project Engineer
jwilson@affinis.us

SURVEY TEAM



Robert Ubben, PLS
Team Leader
rubben@affinis.us



Aubrey Meyer, PLS
Lead Surveyor
ameyer@affinis.us

STRUCTURAL TEAM



Jason Davis, PE
Team Leader
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TRAFFIC TEAM



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STORMWATER TEAM



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GEOTECHNICAL TEAM



Allison Sperber, PE
Team Leader
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RECENT TEAM EXPERIENCE ON PROJECTS WITH THE MISSOURI DEPARTMENT OF TRANSPORTATION

	Linda Rottinghaus, PE	Jacob Wilson, PE	Robert Ubben, PLS	Aubrey Meyer, PLS	Jason Davis, PE	Mark Hoppe, PE	Mike McKenna, PE, PTOE	Addison Miller, PE, PTOE	Nick McCready, PE	Madison Crowl, PE, CFM	Allison Sperber, PE
Missouri Dept. of Transportation Route HH & I-29 Interchange	●	●	●	●		●	●	●		●	
Missouri Dept. of Transportation Route J Safety Improvements	●	●	●	●			●	●	●	●	
Missouri Dept. of Transportation NW District ADA Improvements	●	●	●	●			●	●			
Missouri Dept. of Transportation Webb City Intersection Improvements	●	●	●	●			●				

“Affinis’s key strengths include an exceptional ability to analyze site conditions and provide the most efficient layout alternative that minimizes conflicts and disturbance to facilities existing along the corridor. Additionally, their attention to detail and commitment to providing a quality product that captured the essence of their city, stakeholders, and as well as the community, had been effective in ensuring public alignment with the project goals.”

Adi Smadi, PhD, PE
City of Independence, MO

TOTAL TEAM CAPACITY

16

PROFESSIONAL
ENGINEERS

6

ENGINEERS IN
TRAINING

13

TECHNICIANS &
DESIGNERS

2

PROFESSIONAL
LAND SURVEYORS