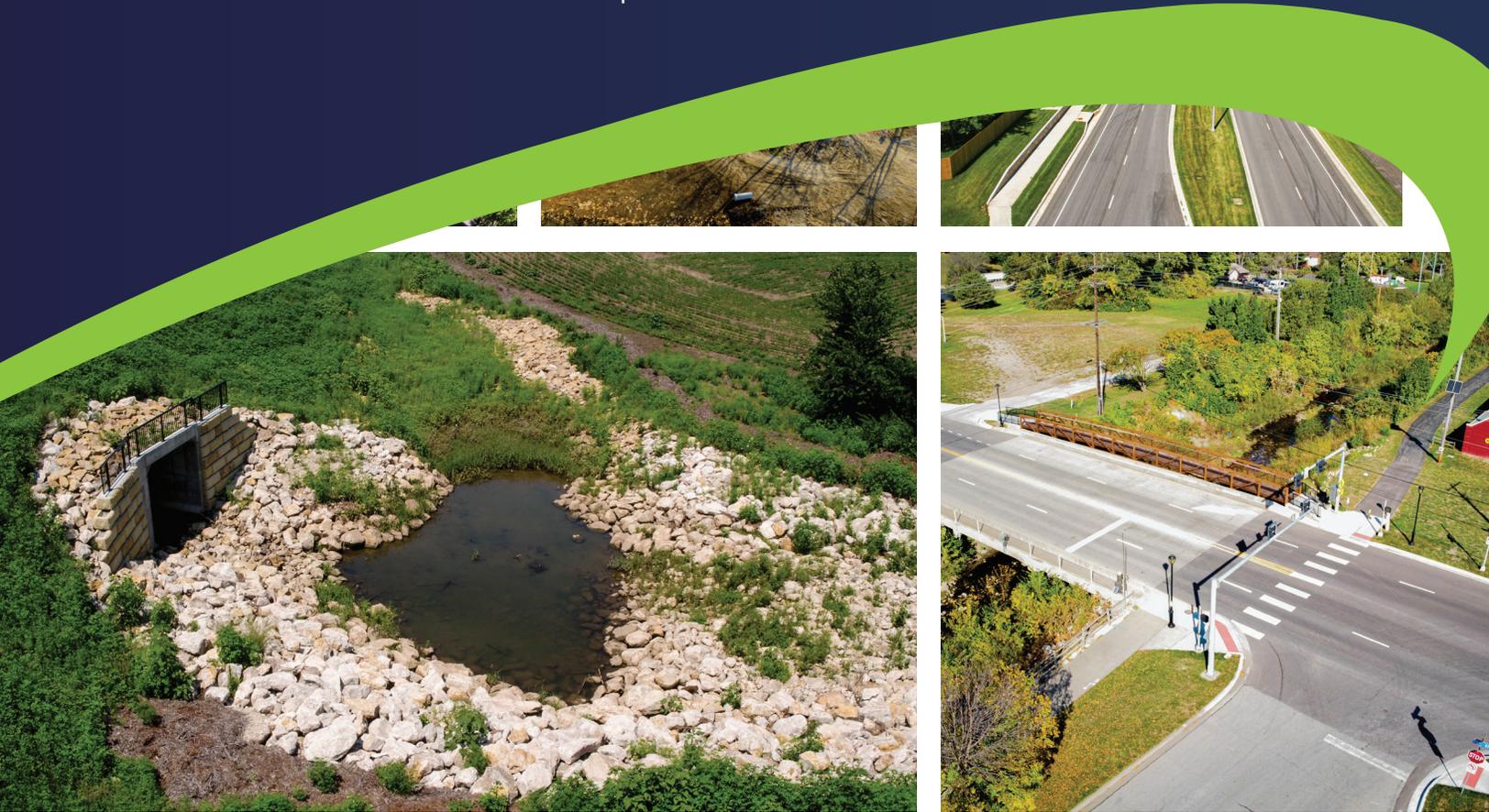




MOVING COMMUNITIES FORWARD



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
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Jacob Wilson, PE
Project Engineer
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SURVEY TEAM



Robert Ubben, PLS
Team Leader
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Aubrey Meyer, PLS
Lead Surveyor
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STRUCTURAL TEAM



Jason Davis, PE
Team Leader
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Mark Hoppe, PE
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TRAFFIC TEAM



Mike McKenna, PE, PTOE
Team Leader
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Addison Miller, PE, PTOE
Project Engineer
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STORMWATER TEAM



Nick McCready, PE
Team Leader
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Madison Crowl, PE, CFM
Project Engineer
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GEOTECHNICAL TEAM



Allison Sperber, PE
Team Leader
asperber@affinis.us

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