

FIRM OVERVIEW



OUR STORY

Snyder & Associates is a multidisciplinary engineering, planning, and design firm serving clients throughout the Midwest and nationwide. An enduring philosophy of responsive, personal service tailored to individual client needs has guided us for over 40 years. As a community of problem-solvers, we excel at pioneering sustainable, efficient solutions to help our clients achieve resiliency.

REALIZING YOUR VISIONS

From historic preservation to new construction, we're committed to bringing your vision to life with creative, sustainable solutions. Through careful exploration of repair, reconstruction, and new design options, you'll have the information needed to make confident decisions. During every step of the process, we'll work to minimize your administration and coordination needs.

We're driven by possibility and take pride in our ability to guide project success.

Complex challenges and constrained resources don't break our stride—they inspire us.

2019 DATA



EMPLOYEES



PROJECTS



STATE LICENSURES



REPEAT BUSINESS



IMPROVING THE WORLD AROUND US

At Snyder & Associates, forward-thinking, experienced people are one of our greatest strengths. They are a catalyst for positive change, pushing the boundaries of possibility to improve the communities we serve and call home. With your immediate and future needs in mind, we'll help you proactively address infrastructure challenges.

For us, it's about more than just the project at hand. It's about building long-term relationships with the people we serve and improving community quality of life.

OFFICE LOCATIONS



TRAFFIC ENGINEERING



INTERSECTION SAFETY CAPACITY IMPROVEMENTS *Cedar Rapids, IA*

IMPROVING SAFETY & EFFICIENCY

We're committed to helping you create a transportation network that's user-friendly, safe, and effective for people of all ages and physical abilities, regardless of how they travel.

To improve traffic operations, we gather an understanding of the function and context of the area. Combining field review, advanced traffic analysis, and modeling tools helps us analyze intersection, interchange, and corridor traffic operations. With deficiencies identified, options to increase safety and better accommodate existing and long-range traffic demands are evaluated. Recommended improvements are developed using current best practices.

PLANNING FOR GROWTH & DEVELOPMENT

Community growth and development can affect the safety and function of transportation corridors. Based on current and projected conditions, capacity and safety improvements may include:

- Roadway widening
- Adding auxiliary turn lanes
- Bicycle/pedestrian accommodations
- Traffic signals
- Roundabouts
- Road diet conversions



TRANSPORTATION
BICYCLES & PEDESTRIANS
FREIGHT RAIL
PUBLIC TRANSIT
STREETS & HIGHWAYS
TRAFFIC ENGINEERING





ROUNDBABOUT

Clive, IA

HOW WE CAN HELP

TRAFFIC & SAFETY STUDIES

A study is often the first step to plan and design transportation improvements by clearly identifying the project need, budget costs, and potential funding sources. Following analysis, we'll develop and document recommendations in a study report.

MODELING & OPTIMIZATION

Our traffic study and signal timing projects utilize traffic modeling software such as HCS, Synchro/SimTraffic, and VISSIM to evaluate and optimize traffic operations. Depending on project needs, simulation modeling may be necessary to further evaluate operations and identify improvement needs.

ROADWAY LIGHTING

Our experience includes all types of lighting, working with LED fixture retrofits, and new lighting control systems. Analysis and simulation of lighting designs are modeled utilizing software AGi32 to help demonstrate actual lighting patterns, illuminance, and dark sky concerns.

SIGNAL SYSTEMS DESIGN

We combine a deep understanding of traffic operations, safety issues, and applicable standards with knowledge of physical site constraints to design cost-effective traffic signal and control improvements.

SIGNAL TIMING & COORDINATION

From data collection through traffic modeling, timing plan development, and field implementation, we are committed to effective traffic operations.

ROUNDBABOUT ANALYSIS & DESIGN

Analysis of short and long-term needs is necessary to optimize roundabout capacity and safety. Our design process includes performance checks to ensure roundabout safety benefits are achieved.

FUNDING ASSISTANCE

Utilizing years of experience, we can help identify funding opportunities, create competitive applications, and administer funding documentation.