



**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:

Snyder & Associates, Inc.

Firm Contact Name:

Shawn Duke, P.E. - Business Unit Leader

Contact Email  
Address:

sduke@snyder-associates.com

Firm's Mailing Address:

802 Francis Street

St. Joseph, MO 64501

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 11, 2025

Ms. Ashley Buechter, P.E.  
Local Program Administrator  
Missouri's Local Program for Community Development

RE: STRUCTURES – LETTER OF INTREST

Dear Ms. Buechter:

Snyder & Associates was founded in 1977. Today, we offer the experience of over 300 employees who serve Missouri, Iowa, Nebraska, South Dakota, and Wisconsin. We offer multi-disciplinary civil engineering services which include bridges and structures, roadway, pedestrian transportation, water/wastewater, aviation, and many other civil related services.

Our experience with Missouri projects includes more than 125 separate structure designs. Merging with Shuck-Britson, Inc. in 2008 only strengthened our structural/bridge design experience.

With twelve (12) structural engineers and eight (8) engineering technicians specifically dedicated to bridge and structural design, we specialize in BRO and Soft Match design and have been involved with many BRO-funded bridge projects.

At Snyder & Associates, our design experience is creative; our approach is practical and cost-efficient, and the results are long lasting solutions and relationships. Many of our clients utilizing the LPA funding stream have been with us for over 14 years and can attest to our level of service. In addition, the attached Company Reference Forms will provide insight into our performance record.

### **Experience**

For more than 45 years, the Snyder & Associates team has provided bridge engineering services on dozens of projects for surrounding communities and counties, and we administer and coordinate all requirements on these projects. Our staff has been involved in BRO, Soft Match, LPA, and other locally funded bridge and box culvert projects for more than two decades. As LPA rules and regulations change over the years, we adapt our approach and service to remain current with program requirements. For more information concerning our capacities and capabilities, please refer to our website at [www.snyder-associates.com](http://www.snyder-associates.com).

Snyder & Associates' structural design group experience includes a variety of bridge and box culvert projects for cities and counties utilizing LPA funding. We have extensive design experience with single-span and multi-span bridges and box culverts, concrete slab, pre-stressed I-girder, steel I-beam, plate girder, and truss bridges. Our services have been utilized by DOTs, cities, counties, parks and recreation, and educational institutions.

### **Past Performance**

- *2024 Nodaway County, Missouri BRO-B074(64):* Snyder & Associates provided design and construction observation services to Nodaway County for a 150-ft. long, two-span, pre-stressed concrete I-girder bridge over the 102 River. The substructure was compiled of steel H-pile bearing on rock.

- *2020 Andrew County, Missouri BRO-B002(45):* Andrew County hired our firm to provide design and construction observation services for a 52' simple span precast box beam and associated roadwork over Hopkins Creek.
- *2021 Buchanan County BRO-B011(31), (32) & (33):* Our firm provided design and construction observation engineering services to Buchanan County on three (3) bridges. BRO-B011(31) was a 60-ft., single-span, pre-stressed concrete I-girder bridge over James Branch Creek. BRO-B011(32) was a 75-ft., single-span, pre-stressed concrete I-girder bridge over Riley Creek. And BRO-B011(33) was a 52-ft., simple span precast concrete box beam bridge over Jenkins Creek.
- We are currently designing bridges under the BRO Program, one (1) bridge in Buchanan County, one (1) in Andrew County and one (1) in Nodaway County. We are also designing four (4) soft match bridges for Nodaway County. These bridges include wide flange beams and prestressed I-Girders.

Our project experience ranges in size and complexity from small, \$30,000 single cell, RCB culverts, to more than \$6 million for long, multi-span, curved, plate girder bridges with staged construction.

### Key Personnel

Snyder & Associates' staff has the size and depth of experience to perform any scope of service from major to minor structures. Key personnel assigned to manage, administrate, and design structures and bridges are as follows:

**Mr. Alexander (Andy) Macias, P.E., Project Manager**

**Snyder & Associates, Inc.**

B.S. Civil Engineering, University of Missouri – 1986

B.S. Geology, Northwest Missouri State University – 1983

Experience: 36 years, 24 years as a structural engineer, 2 ½ years with MoDOT Bridge Design Department.

Professional Registrations: P.E. – Missouri and Iowa

Mr. Macias began his career in 1987 with MoDOT's Bridge Division. His experience includes bridge widening projects on I-70 at the St. Louis airport entrance, and on I-44 in St. Louis County, and design of numerous pre-stressed double tee, I-girder, wide flange, and plate girder bridges throughout Missouri. After moving from MoDOT to consulting engineering, notable projects include the 16<sup>th</sup> Street bearing and abutment repairs for the City of Clarinda, Iowa and various bridge projects in Andrew, Buchanan, Holt, and Nodaway counties. He has managed all aspects of these projects including funding, environmental, design, bidding, and construction administration and observation.

**Mr. Steve Kunz, P.E., Lead Structural Engineer**

**Shuck-Britson, Inc. (A Subsidiary of S&A)**

B.S. Civil Engineering, Bradley University, 1991

Experience: 34 years of structural engineering experience

Professional Registrations: P.E. – Iowa and Illinois

Mr. Kunz has over 34 years of experience as a structural engineer, with a diverse background in analysis and design for bridges and special use structures. He has been the lead engineer for many of the key bridge projects completed by our firm over the past two decades. His diverse bridge experience includes new and replacement bridges of all types in a variety of conditions including river crossings, interchanges, roadway overpasses, and railroad overpasses, ranging from constricted urban locations to rural conditions. Steve also has deep experience in developing rehabilitation solutions to extend limited

project budgets. He has successfully conceived and implemented cutting edge materials to preserve and reinforce existing bridge members and extend bridge service life

**Mr. Larry Jacobson, P.E.**

**Snyder & Associates, Inc.**

B.S. Civil Engineering, North Dakota State University– 1991  
Experience: 33 years

Mr. Jacobson recently joined Snyder & Associates after retiring from MoDOT. He brings with him over 33 years of experience as a construction project manager responsible for various new I-Girder, box beam and steel girder constructions as well as rehabilitation of truss, steel and concrete beam structures on MoDOT state routes as well as interstates. In addition, Larry is a certified NHI bridge inspector team leader.

**Mr. John Stone, Engineering Technician**

**Snyder & Associates, Inc.**

Technical School – High Tech Center, Cape Coral, FL - 2015  
Experience: 23 years of drafting experience

John joined Snyder & Associates in 2018 after moving to St Joseph from Southwest Florida. John has 23 years' experience in computer aided drafting and has been in the engineering field for over 13 years. John has participated on many different design projects over the years including highway improvements, pond designs, golf course designs, subdivisions, etc. John also has several years' experience working with survey crews and working out in the field.

**Accessibility**

Snyder & Associates values and cultivates close communications and positive, long-standing client relationships. Our clients, many of whom have enjoyed working with us since 2002, can attest to our responsiveness and attention to detail as reflected in the Company Reference Forms. We are available to provide local support from our St. Joseph and Maryville, Missouri offices and offer you additional assistance from our other offices.

Snyder & Associates appreciates your consideration, and if you have any questions or need additional information, please contact me at (816) 364-5222.

Sincerely,

SNYDER & ASSOCIATES, INC.



Shawn Duke, P.E.  
Business Unit Leader

# 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.**

## 2023 DATA

275+

EMPLOYEES

1,400+

PROJECTS

20+

STATE LICENSURES

95%

REPEAT BUSINESS



ENGINEERING ■ SURVEYING  
PLANNING ■ DESIGN



## IMPROVING THE WORLD AROUND US

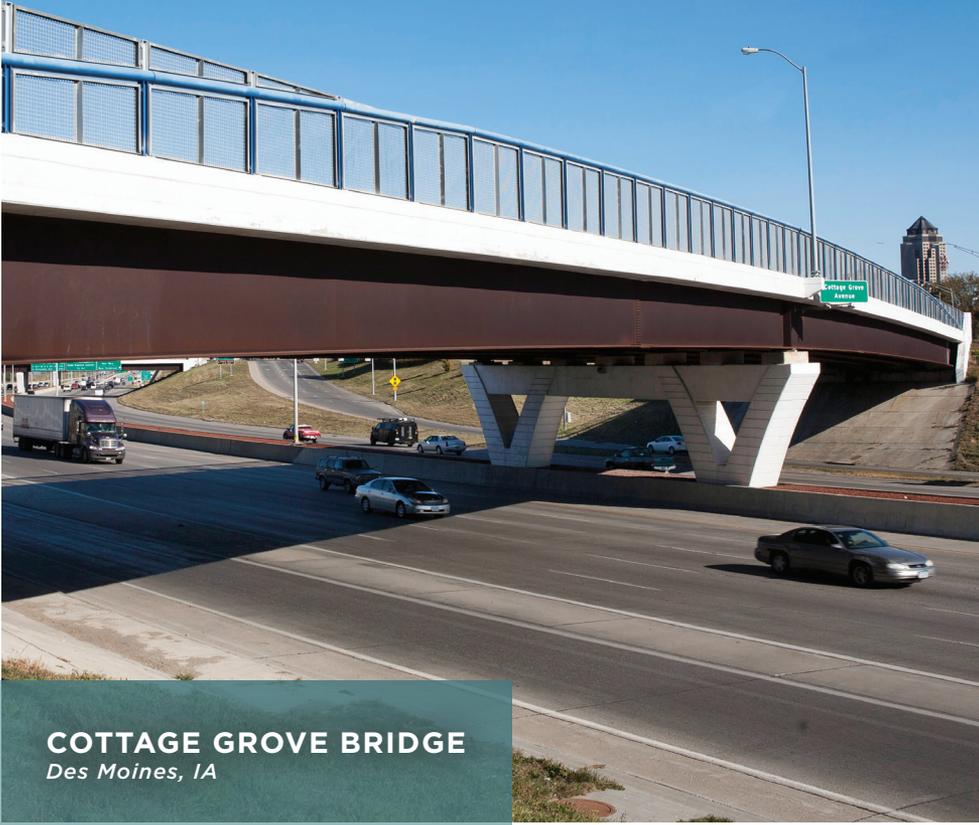
At Snyder & Associates, forward-thinking, experienced people are one of our greatest strengths. They are a catalyst for positive change, pushing the boundaries of possibility to improve the communities we serve and call home. With your immediate and future needs in mind, we'll help you proactively address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



# BRIDGES



**COTTAGE GROVE BRIDGE**  
*Des Moines, IA*

## EMBRACING CHALLENGES. REALIZING VISIONS.

With a staff of over 20 structural engineers and technicians, practical solutions and thoughtful guidance are just the beginning. A comprehensive service offering means you can depend on us for nearly every aspect of your project. We foresee and respond proactively to challenges with a depth of resources and experience that are differentiated by:

- Buildable plans with complete specifications that guide reliable results.
- Collaboration with all stakeholders and strong relationships with regulatory agencies.
- Realistic, appropriate designs to assist with budget forecasting, funding procurement, and project planning.
- The ability to compress design schedules to reduce project costs and extend the use of resources.





## BRIDGE REPLACEMENT

*Grand Avenue, Des Moines, IA*

### HOW WE CAN HELP

#### BRIDGE CONCEPT & FEASIBILITY STUDIES

Project sites are evaluated to determine possible bridge types, lengths, and deck configurations. Hydraulic analysis results, along with roadway planning needs and ROW limits, are used to optimize construction depths, span lengths, and bridge arrangements.

#### BRIDGE REHABILITATION & RESTORATION

Our bridge rehabilitation process begins with an extensive evaluation to determine current conditions and required repairs. A thorough cost estimate is developed, and a report detailing the bridge condition with recommended repairs is provided to assist with funding procurement.

#### FUNDING ASSISTANCE

With years of experience pursuing state and federal funding, we can help navigate the process, write applications, and administer funding documentation.

#### CONSTRUCTION ADMINISTRATION

Working with contractors, we strive to utilize materials and equipment that are suited for each individual contractor. Specific services we offer include:

- WEAP analysis
- Bridge demolition plans
- Bridge beam/girder erection plans
- Cofferdams
- Temporary shoring

Construction review services are provided on a routine basis for the transportation projects we design. They may range from a limited scope of services to full scope resident engineering.

#### BRIDGE INSPECTION & LOAD RATING

Our inspectors are Federal Highway Administration/National Highway Institute trained to fulfill National Bridge Inspection Standards as well as State DOT and local municipality requirements.

In addition to routine inspections, we're trained for fracture critical and confined space inspections.