



November 14, 2013

Mr. Kenny Voss, P.E.
Local Program Administrator
Missouri's Local Program for Community Development

RE: ROADWAY DESIGN – LETTER OF INTEREST

Dear Mr. Voss:

Snyder & Associates is pleased to submit this Letter of Interest to Missouri's Local Public Agency for roadway design engineering services.

For these projects we offer you the experience and expertise of over 200 employees who serve Missouri, Iowa, Nebraska, South Dakota and Wisconsin. We are a multi-disciplinary civil engineering firm providing services that include roadway, bridge and structure, pedestrian transportation, water/wastewater, aviation, and many other civil related services.

This letter will summarize why Snyder & Associates is exceptionally qualified to provide these services to the Local Public Agency.

- Over 30 years of firm experience with MoDOT, IDOT, STP, Enhancement, and Community Block Grant programs.
- Project Director with 22 years of experience in varied roadway design and rehabilitation projects.
- Established Transportation Engineering Group with five full -time engineers, their experience ranges from 2 to 42 years; plus support staff.
- Key resources at local offices in St. Joseph and Maryville, Missouri, with additional support staff located in our home office.
- Cost effective engineering services
- Proven ability to meet schedules and budgets.
- Exceptional working knowledge of DOT, LPA, FHWA, and APWA requirements.
- Practical municipal agency experience with multiple city and county engineering duties/projects.

Experience

Snyder & Associates' Civil Engineering Group consists of 20 full-time engineers, five engineers locally, and support staff that include engineering technicians specializing in transportation system design and rehabilitation projects. Our firm resume includes a wide variety of complex roadway designs, analysis, and rehabilitation projects for numerous cities, counties, and towns through Missouri and Iowa.

This experience provides the basis of foresight and value we bring to every project. Our design experience is creative; our approach is practical and cost-efficient, and the results are long lasting solutions and relationships.

Roadway Related Experience

- Interstate highway widening and realignment
- Interstate highway interchanges
- U.S. highway by-passes
- Intersection improvements with turning lanes and traffic signals
- City street replacement
- Parkway system developments and improvements
- Streets for subdivisions
- Widening and/or resurfacing of existing arterial, collector, and local streets including curb and gutter, storm drainage, and parking where required.
- Thin bonded concrete overlays
- Asphaltic concrete overlays
- Pedestrian and bicycle facilities

Past Performance

- *North Village Drive, St. Joseph, MO:* Snyder & Associates was hired to design the 4,000-ft., four lane parkway connecting Belt Highway (Business Loop I-29) and Highway 169 to help facilitate traffic flow to the North Shoppes retail development. Associated median landscaping, intersection signalization and lighting were also designed by our firm.
- *Regional Port Authority (RPA) Truck Staging Facility, St. Joseph, MO:* Design and construction of the RPA's truck staging facility included a parking facility, access roads, upgrades to adjacent city streets, and an improved MoDOT intersection with new traffic signals. This project also involved environmental clearances, wetland mitigation, and jurisdictional clearances from both MoDOT and the City of St. Joseph.
- *South Main Street Reconstruction, Maryville, MO:* The reconstruction of South Main Street utilized 8" PCC pavement, new sidewalks, improved storm water drainage, and reconfiguration of driveway entrances to improve vehicle access. This project was a design/build partnership between Snyder & Associates and Loch Sand Construction.

Key Personnel

Our primary staff will consist of Andy Macias, P.E., Randy Mendenhall, P.E., Bob Burnett, P.E., and support staff from our St. Joseph and Maryville, Missouri offices. Other staff will be utilized from other offices as workload demands.

Mr. Alexander Macias (Andy), P.E., Principal in Charge

Snyder & Associates, Inc.

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

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

Experience: 26 years, 15 years as a structural engineer, 2 ½ years with MoDOT Bridge Design

Department

Professional Registrations: P.E. – Missouri and Iowa

Mr. Macias has a wide variety of experience in the engineering field. His specific fields of expertise include roadway and structural design, site planning, and storm water management. He has been involved

with the construction of numerous roadway and bridge projects. He has worked on a variety of development projects including the preparation of various plans for intersection and traffic improvements in multiple communities across northwest Missouri and southwest Iowa.

Randy Mendenhall, P.E., Project Engineer

Snyder & Associates, Inc.

B.S. Civil Engineering, University of Missouri Columbia – 2003

Experience: 10 years

Professional Registrations: P.E. – MO

Since beginning his career in 2003, Mr. Mendenhall has focused on the design and inspection of site developments, sidewalk/streetscape, roadways, and storm water management plans. He is currently working on a variety of projects including commercial developments, hike/bike trails, Safe Routes to School, and streetscape studies and design. He has attended MoDOT ADA training and is our lead engineer for pedestrian transportation planning.

Bob Burnett, P.E., Project Manager

Snyder & Associates, Inc.

B.S. Civil Engineering, University of Missouri Columbia – 1973

Experience: 42 years, MoDOT Bridge Liaison & Maintenance Engineer, Bridge Inspector, Traffic Engineer, and Maintenance Engineer

Professional Registrations: P.E. – Missouri and Iowa

Mr. Burnett joined Snyder & Associates in 2003 after 32 years with MoDOT. He adds a vast amount of experience in roadway and maintenance, bridge inspection and repair, and traffic engineering to our team. Currently, he is in charge of Federal Aid and CDBG funded bridge and roadway projects, which include design, plan production, and environmental documentation. He handles the majority of environmental clearances (FONSI), historical, and other jurisdictional clearances required on all federal, state, or local funded projects.

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.

Sincerely,

SNYDER & ASSOCIATES, INC.



Alexander Macias, P.E.

Branch Manager



Local Roads & Streets

Well designed and maintained street networks allow people to safely navigate through their community and connect with vital resources and services. Snyder & Associates, Inc. helps communities address essential road rehabilitation, repair, and safety improvements while being mindful of constrained resources. Our team assists counties and municipalities review funding and financing options including clean air attainment funds, traffic safety funds, U-STEP and C-STEP, bonding, special assessments, tax increment financing, and outside revenue sources. Additionally, we guide local governments through the public involvement process and assist with property owner coordination. All services are tailored to establish a functional street network that enhances the quality of life throughout the community.



In addition to safe street networks, we believe successful neighborhood transportation planning includes pedestrian and bicycle accommodations. Snyder & Associates, Inc. considers each community's needs unique and begins with a complete assessment to determine the best transportation design alternatives. Our traffic and transportation professionals employ a creative approach whether roads need to be widened to accommodate the capacity demand of growing industries, or consolidated in downtown areas to keep business and streets viable. In many cases, older corridors are renovated to decrease the width of the street. Commonly referred to as a road diet, our team is experienced at combining this method with broad streetscaping and aesthetic enhancements to create comfortable conditions for cyclists and pedestrians.

Services Offered

- Assessments
- Pedestrian Accommodations
- New Construction
- Driveways
- Truck Routes
- School Routes
- Parking Studies
- Drainage Design
- Safety Analysis
- Sign Inventories
- Pavement Management Plans
- Pavement Rehabilitation
- Utility Accommodations and Replacement
- Construction Phasing
- Funding Procurement
- Land Acquisition



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Engineers and Planners

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Local Roads & Streets

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Pavement Management

Total replacement of worn pavement is very costly and, in many instances, can be avoided. Snyder & Associates, Inc. works with counties and municipalities to establish effective road maintenance plans to schedule overall network improvements over a specified time period. Beginning with a fair taxpayer approach, pavement management planning helps determine the priority of necessary improvements to make best use of limited and potentially strained maintenance budgets. Our team can provide visual GIS mapping tools to enhance the rehabilitation plan and clearly define priorities.

Pavement Condition Improvements

Repairing cracks, sealing or patching pavement, overlaying, and reconstructing roads is necessary to maintain quality roadway infrastructure. Prior to specifying improvements, Snyder & Associates, Inc. can help you determine the cause of pavement distress in order to avoid future repeating repairs. Our team recommends the appropriate improvements and provides a choice of surfacing materials to align the infrastructure with your maintenance preferences. As a full-service firm, we prepare plans and specifications and obtain construction quotes or bids, based on the total cost of your project, to ensure your budget is being spent as efficiently and effectively as possible. Upon request, we will also administer construction contracts to save you time.

Drainage

Severe storms, excessive groundwater and aging drainage infrastructure can impact roads, causing expensive repairs. Snyder & Associates, Inc. analyzes roadways that may not drain properly to determine effective stormwater conveyance solutions. Our team also studies the source of roadway drainage issues to effectively address the detention of heavy storm flows. The preparation of plans and specifications, solicitation of construction bids, and construction administration is all part of our full-service approach.

Safety Improvements

Improving traffic safety and accommodating pedestrians and cyclists can positively impact a neighborhood's appeal. Snyder & Associates, Inc. focuses on context sensitive design solutions that incorporate aesthetic enhancements to create distinctive and engaging neighborhoods. We review documented accidents and the local conditions relative to accepted transportation standards in order to address perceived safety issues. Then our traffic and transportation professionals recommend improvements and provide verification that communities are taking the necessary steps to keep people safe.

Public Interests

Local roadways serve the very areas we live in. Snyder & Associates, Inc. approaches local roadway improvement projects from the property owners' perspective. We take great care in identifying what is important to those properties directly served by the corridors being improved. Driveways, utilities, mail services, trash collection, and daily access during construction are common elements we address through our construction phasing designs. We solve problems before they become concerns to the general public.

