



November 15, 2013

Mary Ann Jacobs
Missouri Department of Transportation
Local Program Administrator

via email: MaryAnn.Jacobs@modot.mo.gov

Re: MoDOT LPA On-Call Services - Sidewalks & Trails Category

Shafer, Kline & Warren, Inc. (SKW) is excited to present our qualifications for the Sidewalk and Trails category of MoDOT's on-call LPA Program. SKW has the in-house experience and expertise to serve you in varying capacities. We are proud to have provided engineering services through the LPA program in the past, and we look forward to working with LPA's and MoDOT again. SKW can provide all of these specific services, as well as many other service types, as you will see in our brochure.

Benefits to LPA's and MoDOT in this category:

- **Experience with LPA's:** Having served over 100 public entities through the LPA program, SKW has gained an excellent understanding of the policies and procedures that must be followed and is well qualified to provide a broad range of multi-disciplined engineering and surveying services. This includes offering diverse, comprehensive professional services, experienced team members, an approach to finding cost effective solutions, and quick attention to your consultation needs and project assignments. Our **LPA Certified** project administration staff and project managers will provide exceptional service to you and facilitate the process with MoDOT.
- **Capabilities:** SKW, our professionals look at each unique site and determine what particular design elements would best enhance the area. We seek opportunities to use amenities such as pedestrian bridges, seating, landscape plants, interpretive signs, trailhead parking, restrooms and security lighting in our trail and sidewalk designs. We creatively incorporate areas of significance on a particular site into our overall trail and sidewalk designs to increase pedestrian safety while preserving the natural features and beauty of the areas.
- **Service:** SKW will listen to your requests and seek your input when determining what is important to you. Clients place as much value on the experience they have during the project as their interactions with the consultant. We will place an emphasis on meeting your expectations on this, and other service areas to provide an exceptional project experience.

Experience & Past Performance

SKW has excellent working relationships with LPA's and MoDOT staff. Our sidewalk and trails staff have experience in the broad spectrum of design related issues to facilitate communication throughout the design process.

South Summit Sidewalks - Holts Summit, MO

The City of Holts Summit did not have a way for students to walk from the north side of Summit Street to their elementary school. SKW provided assistance in a successful Transportation Enhancement Grant application. The project replaced 2,400 l.f. of street shoulder and open ditch with new curb and gutter draining to a newly installed stormwater collection system. The project was crowned with a 5' sidewalk, vertical curb, and new private driveway entrances.

Sturgeon Road Sidewalk & Pedestrian Bridge - Moberly, MO

The Sturgeon Road Sidewalk Improved sidewalks in Moberly and completed another portion of the City's extensive trails Master Plan. It also included the installation of a 180' pedestrian bridge constructed of wood using a flying buttress design. The bridge connects the sidewalk improvements over W. Rollins Street to an existing bike lane. The improvements contributes to the scenic beauty of the project and encourages the off-street pedestrians and opportunity to enjoy seeing an older element of the once heavily traveled rail system.

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Excelsior Springs Trail - Excelsior Springs, MO

SKW prepared a topographic survey and civil design for a 1/2 mile section of an eight foot wide recreational trail for Excelsior Springs. The trail ties into an existing trail that runs along 69 Highway and behind Excelsior Springs Hospital. The hospital utilizes the trail for patient rehabilitation, the trail is available to the surrounding community for walking, running, and biking. SKW 's survey group prepared permanent trail easements and temporary construction easements and our structural department designed bridge abutments.

Ward Park Trail - Blue Springs, MO

SKW prepared the Preliminary and Final Construction Documents to renovate the Ward Park Trail transportation connections and to replace the existing 4' wide asphalt trail with 8' asphalt surface on specific sections. The design also extended the trail to connect with Quarry Road and added two new bridges on the west end to cross over the stream. Ward Park sits on 13 acres in a residential neighborhood in Blue Springs and the walking/jogging trail meanders 0.73 miles around the park linking park amenities and connecting with the City's 15-mile bike route, also completed by SKW. Construction was funded in part through the American Recovery and Reinvestment Act (ARRA) and completed in 2010.

Broadway Sidewalks - Chillicothe, MO

Chillicothe wanted to improve pedestrian traffic, connect the City Park to the City Hospital and established neighborhood, and tie the new sidewalks into the existing sidewalk infrastructure. SKW provided design, bidding and construction observation services to construct 345 feet of new sidewalk along Broadway (11th Street to 12th Street); 495 feet of new sidewalk along Broadway (Trenton Road south to Hospital Drive); and 692.5' feet of sidewalk along Trenton Road.

Personnel

SKW has grown to a firm of over 250 employees and is known as a regional leader in each phase of sidewalk and trail consulting, including surveying, practical design, analysis, permitting, inspections, construction observation services and LPA administration.

Steve Schultz, P.E., Regional Manager, LPA Certified.

Steve will serve as Primary Contact for sidewalk and trails projects. He is responsible for grant proposals, preliminary engineering studies and civil site project design. His project management experience ranges from conception through construction on transportation, water/wastewater and civil site projects. Steve understands a client's perspective and practices timely, open communication between all parties and strives for a balanced budget while maintaining quality in design considerations.

Jerry Johnson, P.E., LEED AP, Principal-in-Charge, LPA Certified.

Jerry will assist in preparing the project scope of services, fees and project schedule; review the contract agreement and monitor quality assurance. He will provide administrative assistance through frequent plan review and constructability assessment.

Daryl K. Taylor, P.E. Construction Observation Project Manager, LPA Certified.

Daryl oversees the Construction Observation services for SKW. Throughout his 33 year career at SKW, Daryl has worked as a survey crew member, survey technician, engineering technician, project engineer, project manager and Director of Quality Control. Through these experiences he has gained knowledge in the design and construction materials & testing of sanitary sewers, storm sewers, streets, detention basins, site grading, erosion and sediment control and best management practices.

Matt Eblen, P.E., LEED AP, Trail/Stormwater Engineer.

Matt has honed his expertise in both site design, trail/sidewalks and stormwater. As a project manager and site designer, he has developed an eye at making conceptual site plans into realistic site designs in order to become final designs based on his experience with small and large sites. This allows him to manage the grading layout and utilities that are a part of every site design. Matt is also a LEED accredited professional, allowing him to apply the principles of sustainable design to the civil engineering aspects of project development.



Chad Weinand, P.E., Trails & Parks Specialist.

Chad serves as Landscape Architect where he provides a range of services in the design of outdoor spaces including site and environmental assessment, cost analysis, permitting, public meetings, preliminary and final landscape plans, best management practices (BMPs), irrigation system design, bidding assistance and construction inspection.

Familiarity/Capability

In addition to providing services through the LPA for more than 10 years, SKW has also helped our clients with other local, regional and national funding sources such as BRO, STP, CDBG, ARRA and FHWA projects. We have provided services to almost all types of public and private entities, ranging in size from communities of under 1,000 to large urban cities and nationwide organizations. We have multiple staff which are intimately familiar with state and federal regulations as they apply to sidewalks and trails. These individuals routinely use their regulatory knowledge to study and design projects to meet requirements of all applicable state and federal rules and laws. Several of our staff designers and inspectors have attended the MoDOT workshops on ADA requirements for curb ramps and sidewalks.

Accessibility

SKW has extensive experience working with Missouri counties and municipalities. Specifically, our offices in Columbia, Macon, Lenexa and North Kansas City will afford us the opportunity to easily meet with staff and attend meetings as necessary. Our key personnel identified in this letter have access to the appropriate staff from within SKW. SKW can assure the LPA program our project team is adequately staffed and prepared to commit the time, labor and resources required for the successful delivery of sidewalk and trail projects.



Work Force Diversity

SKW is committed to fostering, cultivating and preserving a culture of diversity and inclusion. Our employees are the most valuable asset we have. The collective sum of the individual differences, life experiences, knowledge, inventiveness, innovation, self-expression, unique capabilities and talent that our employees invest in their work represents a significant part of not only our culture, but our reputation and company’s achievement as well.

SKW’s diversity initiatives are applicable—but not limited—to our practices and policies on recruitment and selection; compensation and benefits; professional development and training; promotions; transfers; social and recreational programs; layoffs; terminations; and the ongoing development of a work environment built on the premise of gender and diversity equity. In addition, we have established relationships with many DBE firms to assist us on project delivery.

SKW is excited about the opportunity to be a part of this project and we look forward to continue working with the MoDOT LPA Program. If you have any questions, or would like to request additional information, please do not hesitate to contact us toll-free at 800-280-8901.

Sincerely,
Shafer, Kline & Warren, Inc.


Gerald C. Johnson, P.E., LEED AP
Principal


Steven R. Schultz, P.E.
Project Manager



Shafer, Kline & Warren, Inc.



SKW designs communities by offering clients a full range of professional consulting services at local, regional, state and national levels. Our complementary disciplines are consistently delivered with high quality service and attention to your needs.

Since 1950, SKW has helped our clients succeed by successfully executing projects, managing costs and controlling schedules. We are committed to being a valuable resource in providing dependable service with innovative and affordable solutions.

We are:



engineers
surveyors
transportation
LEED
integrity
agricultural
civil
wastewater
pipeline
mechanical
electrical
GIS
structural
development
site
planning
infrastructure
landscape architecture
stormwater
energy
water
survey
design-build
construction
observation

Forming Partnerships. Delivering Results. Means we consider our clients to be valued partners. When you treat your clients like partners, the results are noticeably different and understandably remarkable. We make every effort to listen to your needs and recognize what is individually important to you. We are problem solvers with a reputation for providing personal service and delivering quality projects on time and within budget. The service we offer clients, together with our years of experience, enables us to deliver lasting results. The truest measure of our commitment is visible through the impact our work has on the communities we help develop.

Missouri
Kansas
Oklahoma
Texas

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Capacity & Capability

Over the past 60 years, SKW has developed the capability of performing the range of services required to complete multi-discipline projects. Our services can include all project phases from the planning and development tasks of project inception, continuing through project design, and concluding with construction staking, observation and administration. We utilize the appropriate combination of staff resources to create a project team for the size and scope of the project.

What makes SKW different is our ability to provide comprehensive services, yet maintain focus on providing the personal, hands-on service our clients have come to expect. Each member of our staff, whether principal, project manager, design technician or support, is committed to providing exemplary customer service through the delivery of quality services, personal communication, innovative and cost-effective design.

The following service areas represent SKW's capacity to complete professional consulting for multiple projects:



Civil Engineering

- Agricultural
- Pipeline
- Roads & Traffic
- Site Planning & Design
- Stormwater
- Water
- Wastewater

Electrical/Mechanical Engineering

- Systems Integration
- Programming
- Panel Design & Construction
- HVAC Systems
- Lighting

Structural Engineering

- Bridges
- Buildings
- Other Structures

Field Services

- Land Survey
- As-builts
- Construction Staking
- Construction Observation

Value-Added Services

- On-Call
- Community Planning
- Geographic Information Systems
- Landscape Architecture
- LEED/Sustainable Design
- Design-Build



Office Locations

11250 Corporate Ave. **Lenexa**, KS 66219, 913-888-7800 (*Headquarters*)
3200 Penn Terrace, Suite 100, **Columbia**, MO 65202, 573-442-4537
1700 Swift Avenue, Suite 100, **North Kansas City**, MO 64116, 816-756-0444
107 Butler Street, **Macon**, MO 63552, 660-385-6441
1323 East 71st Street, Suite 120, **Tulsa**, OK 74136, 918-499-6000
8300 FM 1960, Suite 450, **Houston**, TX 77070, 281-292-0910

Reference Letter



August 2, 2013

To Whom It May Concern:

This letter is to serve as a recommendation for Shafer, Kline and Warren Engineering (SKW), and is based upon years of experience utilizing their services and comparing their work with other engineering firms I have worked with.

Since 1988, I have worked for two cities and both have contracted with SKW for engineering services. I consider SKW to be a top notch engineering firm that provides services in every discipline a municipality needs. They have a large survey division that we call upon for small and large-scale projects, and they always complete the work on schedule. They have provided us plans and specifications for capital projects such as new streets, substantial building repairs, water line extensions, and sanitary and stormwater improvements, just to name a few. They also have conducted various studies and presented them to the City Council. All of their work is performed on schedule and at very competitive costs, which is a reason why they continue to be selected as our consulting engineers.

It is important to me to have an excellent working relationship with an engineering firm that is based on trust, confidence, and responsiveness. I have been lucky to have had such a relationship with SKW for over two decades, and it is a pleasure to continue working with them.

Sincerely,



Pat Hawver
Director of Public Works
North Kansas City, MO



Steven Schultz, P.E.

Project Manager/Primary Contact



Steve Schultz serves as Office Manager for SKW's Columbia office and Area Engineer for Central Missouri where he is responsible for grant proposals, preliminary engineering studies and civil site project design. Steve has worked as an engineer in the State of Missouri since 1994, and his project management experience ranges from conception through construction on transportation, water/wastewater and civil site projects.

Steve understands a client's perspective and practices timely, open communication between all parties and strives for a balanced budget while maintaining quality in design considerations.

Registrations

Professional Engineer

OSHA 10-Hour Construction Certification

MoDOT Local Agencies Basic Training

Recent Projects

- Harry's Way & Hwy 47 Sidewalks - Winfield, MO
- Sturgeon Road Sidewalk Improvements-MoDOT STEP-9900(248) - Moberly, MO
- Route O - Broadway Street Sidewalk Improvements - Slater, MO
- Stormwater, Sidewalk & Roadway Improvements - Slater, MO
- On-Call MoDOT Warehouse Conversion - Jefferson City, MO
- Sunrise Beach Marketplace - Sunrise Beach, MO
- Boone Hospital Center Design Entrance Signs - Columbia, MO
- South Summit Drive Sidewalks (MoDOT Enhancement) - Holts Summit, MO

Jerry Johnson, P.E., LEED AP

Principal-in-Charge



Gerald (Jerry) Johnson has been with SKW since 1972 and presently serves as Principal, Department Manager of Infrastructure Services. Jerry has performed principal-in-charge, project management and design engineering services for both public and private clients. As a LEED accredited professional, he applies sustainable design principles to the engineering aspects of project development.

Jerry's design and project management experience is predominately within the civil and structural engineering fields. Typical civil projects include commercial/residential site development, roadways/highways, parking facilities, storm sewers and utility design. Typical structural projects include bridges, industrial buildings, utility bridges and heavy machinery foundations.

Registrations

Professional Engineer

LEED Accredited Professional

CSI Certified

MoDOT Local Agencies Basic Training

Recent Projects

- MoDOT Route W Bridge Redecks - Kansas City, MO
- Phase III Sanitary Sewer System Force Main Extension - Holt, MO
- Veterans Boulevard Bridge Evaluation - Branson, MO
- BEAP 12HSP-08 Critical Bridge Inspection - Callaway County, MO
- On-Call MoDOT Maintenance Facility Sewer Extension - Green City, MO
- MoDOT Fracture Critical Bridge Inspection (#2830014) - Douglas County, MO

