Access Engineering, LLC
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Transportation Engineering *Civil Engineering* *Construction Management* *Traffic Engineering*

November 15, 2013

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

Re: **On-Call Services: Roadway Design**

Dear Mr. Voss:

The Access Engineering, LLC (Access) Team is excited about the opportunity to serve Missouri's Local Program (LPA) for On-Call Services for Roadway Design. This letter of interest demonstrates the extensive experience and qualifications Access personnel have with Roadway Design projects.

General Experience of Firm

Access is in its fourteenth year of business and specializes in transportation and traffic engineering projects. We are interested in being included on the LPA list of Prequalified Consultants for Roadway Design services. Access will assure project success by streamlining processes through automation, maintaining up to date technology, monitoring standards as they develop, and adhering to project schedule and budget requirements. Access is a DBE-certified company committed to workforce diversity. Most of our client base is repeat business with clients who are happy with our high quality work.

Past Performance

The following table provides relevant and recent project experience for Access, along with contact information for owner representatives most knowledgeable about the firm's performance.

Project Name	Reference Contact	Roles and Accomplishments of Key Personnel
Grant's Trail	Janet Wilding Great Rivers Greenway District 314-436-7900 jwilding@greatrivers.info	• Provided design and construction management services for multiple phases of the Grant's Trail project • Improvements included multiple traffic signals, shared use paths, hardscape, restrooms, retaining walls, parking lots, paving, pervious pavers, signing, striping, and other services
I-64 Lane Additions and Overlay	Tom Montes-de-Oca, P.E. Missouri Department of Transportation 314-453-5031 Thomas.Montes-de-Oca@modot.mo.gov	• Responsible for design of additional 11 foot lane in each direction along I-64 from Route 340 to I-270 • Design ramp modifications to provide for lane additions and overlay of existing lanes from Clarkson Rd to east of Ballas Rd
14th Street Project	Todd Antoine Great Rivers Greenway District 314-436-7009 tantoine@grgstl.org	• Design consultant for project that will construct a bicycle/pedestrian facility along 14th and Mullanphy Streets in St. Louis City connecting Washington Avenue to the Old North Neighborhood and the Trestle • Project requires redesign of roadway pavement uses to incorporate multiple modes of transportation • Responsible for multiple planning and construction efforts in the area in addition to MoDOT and Local Roads

Project Name	Reference Contact	Roles and Accomplishments of Key Personnel
Clayton Road Resurfacing and Pedestrian Enhancements	Craig Wilde City of Town & Country, MO 314-432-6606 wildecj@town-and-country.org	• Provided modification plans for existing traffic signals to include pedestrian movements, layout of accessible paths through signalized intersections for this resurfacing and shared use path project • Provided design/layout of multiple pedestrian crossings
Route 67 at Orchard Road	Tim Richmond Missouri Department of Transportation, retired	• Designed roadway approaches and two roundabouts at the interchange of Route 67 and Orchard Lane • Created large scale exhibits for presentation • Attended public meetings for community engagement
Branch Street Project	Todd Antoine Great Rivers Greenway District 314-436-7009 tantoine@grgstl.org	• Providing Complete Street design for the reconstruction of Branch Street between the North Riverfront Trail/McKinley Bridge Bikeway and Broadway • Includes construction of a sidepath along Branch St from Broadway to 14th St • The corridor crosses I-70 right of way in addition to three railroad right of ways • Coordinating with multiple planning and construction efforts in the area in addition to MoDOT Local Roads
Old Business 61	Bill Bensing City of Wentzville, MO	• Responsible for the design of a roundabout and the approach roads in addition to a traffic signal for this one mile road reconstruction project • Responsible for construction management analysis and traffic control plans

Qualifications of Personnel Assigned

Our team at Access is composed of a group of engineering professionals with a combined comprehensive understanding of LPA's requirements for on-call services in the Roadway Design category.

Marie Dennis, PE is the Principal and founder at Access and will serve as Project Principal/Project Manager for the project team. Marie has over 28 years of experience in the Civil Engineering field and throughout her career has been involved in many traffic engineering projects. Marie has owned and operated Access Engineering, LLC since 2000 and serves as the Project Principal, Project Manager and/or Quality Assurance/Quality Control (QA/QC) Manager, overseeing all Access projects. She will be the primary contact for all Roadway Design projects.

Bill Early, PE is the Senior Engineer at Access and will serve as a Project Engineer on the project team for LPA's Roadway Design projects. Bill has over 22 years of experience in the Civil Engineering field, specifically specializing in bridges, transportation, water treatment and distribution and stormwater/sanitary infrastructure services. He is experienced in providing all design details and specifications necessary for successful project implementation. Bill's construction management experience includes reviewing construction schedules, shop drawings and submittals, answering RFI's and design related questions, assuring conformance of all materials and workmanship, verifying contractor's compliance with quality control testing, field revision documentation, and coordination with local officials to comply with codes and agreements. Bill is experienced in setting up and managing bridge files in compliance with FHWA guidelines. Bill is proficient in overseeing consultant project design and construction to endure compliance with local, state and Federal guidelines and requirements including MoDOT LPA policy.

Sara Nelson, PE is an Engineer III at Access and will serve as a Project Engineer for LPA's Roadway Design projects. Sara has over eight years of experience in the design of civil engineering projects in the field of transportation engineering. She is experienced in providing necessary design details to complete preliminary, right of way and final plans for projects. These design details include; traffic signal design, lighting design, horizontal and vertical alignment layouts, hydrologic and hydraulic calculations, cross sections and earthwork calculations, traffic and erosion control layouts, pavement marking, specifications, tabulation of quantities, cost estimating and drafting of any other necessary design details.

Sandra Wagner, PE is an Engineer III at Access and will serve as a Project Engineer for LPA's Roadway Design projects. Sandra has over eight years of experience in the design of civil engineering projects in the fields of transportation and stormwater/sanitary infrastructure. Sandra is experienced in providing necessary design details to complete preliminary, right of way and final plans for projects. Sandra's transportation design experience includes horizontal and vertical alignment layouts, traffic and erosion control layouts, traffic signal and lighting design, signing, and pavement marking. Her stormwater and sanitary design experience includes

horizontal and vertical alignments, hydrologic/hydraulic modeling, water quality best management practices, private inflow reduction and stream bank stabilization.

Erica Ridgway, EIT is an Engineer I at Access and will serve as a Project Engineer for these projects. Erica has experience in transportation and stormwater/sanitary infrastructure projects. Her responsibilities include plan production, hydrologic and hydraulic calculations, water quality best management practices, private inflow reduction, stream bank stabilization and tabulation of quantities.

Amy O'Brien will provide CAD drawing support, serving as the CAD designer for these projects. Amy has over fifteen years of experience in the design of civil engineering projects in the fields of transportation, stream restoration, and site development. She is experienced in providing necessary design elements to complete projects from concept to final design. These design elements include conceptual exhibits, horizontal and vertical alignment layouts, cross sections and earthwork calculations, traffic and erosion control layouts, signing, pavement marking, specifications, tabulation of quantities, cost estimating and drafting of any other necessary design details. She is experienced in many CADD platforms including Microstation/Geopak, AutoCad, and ArcGIS.

Project Team Members, Roles, Experience, and Availability

Key Staff	Role	Years of Experience	Availability (Dec '13-Dec '16)
Marie Dennis, PE	Project Principal/ Project Manager	28+	80%
Bill Early, PE	Project Engineer	22+	80%
Sara Nelson, PE	Project Engineer	8+	80%
Sandra Wagner, PE	Project Engineer	8+	80%
Erica Ridgway, PEI	Project Engineer	1+	80%
Amy O'Brien	CAD Designer	15+	80%

Familiarity/Capability

Access is familiar with the requirements of LPA's on-call services for Roadway Design. Our experience on relevant related projects provides our team with the capability to successfully complete Roadway Design services for LPA. Access specializes in transportation projects, specifically roadway design and construction management services for project design implementation. Designing traffic calming measures, widening or adding lanes, resurfacing and pedestrian and bicycle facility rehabilitation/redesign are strengths in Access' project team's capability. Access has comprehensive experience in widening, resurfacing, pavement reconstruction, utility design and coordination, right of way, environmental clearance, traffic signals and lighting, sidewalks and trail design, in addition to parking lot design. Access' depth of related project experience optimizes the firm's familiarity and capability to succeed in Roadway Design projects for LPA. The table of Past Performance highlights relevant related projects that prove Access' familiarity and capability to take on similar projects.

Accessibility of Firm and Staff

Each member of the Access team has the availability, the relevant technical knowledge and extensive local knowledge of LPA's processes to provide excellent on-call services for projects related to Roadway Design. Please refer to the Availability column of the Project Team Members, Roles, Experience, and Availability matrix for percentage of availability for each team member. Please note that no team member's availability is rated over 80 percent to account for leave time.

Our combined expertise will bring innovative solutions to the table to ensure that Missouri continues to operate with state-of-the-art technology solutions. Please do not hesitate to contact me with any questions or further discussion.

Sincerely,

Marie C. Dennis, PE
Access Engineering, LLC
Principal

Access Engineering, LLC

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Company Profile

Access Engineering, LLC (Access) is in its fourteenth year of operation and has completed projects in trail design, traffic signal design, road design, bridge design, in-process coating inspections, storm and sanitary sewer design, hydraulic modeling, site design, cost estimating and other Civil Engineering specialties.

State of the Art Computers and Software

Access uses state of the art computer technology and the most up to date software to produce efficient, quality designs. Plans are produced by a CADD specialist on Microstation/GEOPAK or Autodesk Civil 3D using your design standards.

D/WBE Certified

Access is D/WBE certified with Local and State governmental agencies requiring pre-qualification including:

St. Louis Development Corp.
St. Louis Airport Authority
Metro, MoDOT, IDOT
State of Missouri
Metropolitan St. Louis Sewer District

Project Success

Access assures project success by streamlining processes through automation, maintaining up to date technology, monitoring standards as they develop and adhering to project schedules. These practices, in addition to frequent contact with clients, assure Access of repeated project success. Most of our client base is repeat business with clients who are happy with our high quality work.

Areas of Specialization

Access provides high quality Civil Engineering services in Missouri and Illinois, specializing in:

- Trail design
- Road and traffic signal design for City, County and State DOT's
- Traffic Studies
- Storm water and sanitary sewer design
- Permit requirements for private developments accessing public roads
- Bridge design and bridge rehabilitation
- In-process coating inspections
- Construction management and inspection

Typical Clients

Typical clients are governmental agencies such as Parks Districts, Sewer Districts, DOT's, Counties, and Municipalities in addition to Neighborhood Associations, businesses and individuals.

Organizations

American Society of Civil Engineers (ASCE)
Institute of Transportation Engineers (ITE)
Nat'l Society of Professional Engineers (NSPE)
American Council of Engineering Companies – Missouri (ACECMo)
Engineer's Club of St. Louis
Transportation Engineers Association of Metropolitan St. Louis (TEAM)
Engineers Without Borders (EWB)
Women's Transportation Seminar (WTS)

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Personnel Qualifications

Name *Title*	Education	Certifications	Years of Experience	Specializations
Marie Dennis, PE *Principal*	B.S. Missouri S&T Civil Engineering Cum Laude	P.E.—Missouri P.E.—Illinois	28+	• Owner of Access Engineering, LLC • Project Principal/ Project Manager/ Quality Assurance/Control Manager on every project
William Early, PE *Senior Engineer*	B.S. SIU-Edwardsville Civil Engineering M.S. Missouri S&T Civil Engineering	P.E.—Missouri P.E.—Pennsylvania NACE Certified Coating Inspector Level 2 Bridge	22+	• Bridge inspection, rehabilitation, and maintenance program implementation • Construction Management/Inspection: bridge, roadway, track • Transportation/water treatment
Sandra Wagner, PE *Engineer III*	B.S. Missouri S&T Civil Engineering Manga Cum Laude	P.E.—Missouri Certified Floodplain Manager LEED Green Associate	8+	• Stormwater/Sanitary Infrastructure design and construction management • Spec development, cost estimating, plan drafting
Sara Nelson, PE *Engineer III*	B.S. Missouri S&T Civil Engineering Summa Cum Laude	P.E.—Missouri	8+	• Transportation engineering • Formal employee at MoDOT (Highway Designer) • ADA and AASHTO guidelines
Erica Ridgway, PEI *Engineer I*	B.S. SIU-Edwardsville Civil Engineering	E.I.T.	1+	• Transportation/water treatment • Quality Assurance and Quality Control
Amy O'Brien *CADD Technician*	A.A.S. CADD Technology ITT Technical Institute	CADD Technology	15+	• CADD drawing design

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Project Experience Overview (continued)

TRANSPORTATION

Access has successfully completed over 40 projects related to transportation since its inception in 2000. Access personnel have gained invaluable experience within the discipline of transportation projects, including roadway design, traffic signal design, lighting and utility design, traffic studies, streetscape design and rehabilitation, bridge painting and inspection/maintenance programs, on-street bicycle facilities, pedestrian enhancements, accessibility design, trail extension/trailhead design, and construction management services.

Access has worked with many local DOTs and municipalities providing engineering services for improvements to their transportation systems. Safety is our greatest concern and we consider all modes of transportation when designing systems; motorized vehicles, bicycles, pedestrians and public transportation.

Access supports local agencies and the consulting community in developing traffic studies, planning and designing road improvements, and managing the implementation of projects.

Access is capable of and experienced in providing design plans, repair analysis, cost estimating, construction management, and public engagement services throughout transportation project life cycles. Access provides these comprehensive services in an effort to maintain all project schedules and budgets.

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Project Experience Overview

CONSTRUCTION MANAGEMENT/INSPECTION

Access has successfully completed construction phase management/inspection services for most of its projects since its inception in 2000. Access personnel have gained experience in construction phase management/inspection projects for bridge inspections, bridge paintings, trails, bike facilities, roadways, trail extensions, structural inspections, and other project disciplines.

Construction phase services that Access has provided in the past include preparation of construction documents, layout services, coordination of traffic control, construction and materials inspections, shop drawing reviews, payment requests, change orders, reports, punch lists, final acceptance, and project tracking. Access also has personnel with extensive experience in providing construction management and inspection services for railroads, bridges, culvert-bridges, public transportation structures, and other structures.

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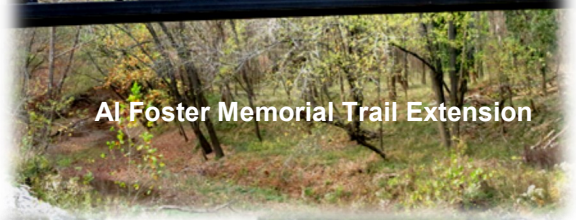
At Access, we understand that every project is a chance to improve the world. This allows us to develop our engineering firm into a passionate, professional team dedicated to consistently producing excellence for our community.