VEENSTRA & KIMM, INC.
1201 W College St., Suite 100 • Liberty, MO 64068-1065
816-781-6182 • 816-781-0643(FAX) • 855-241-8011(WATS)

November 15, 2013

Mr. Kenny Voss, P.E.
Local Program Administrator
Missouri Department of Transportation
105 West Capitol Avenue
Jefferson City, MO 65102

Re: Letter of Interest – Local Public Agency On-Call Services – Work Category – **Roadway Design**

Veenstra & Kimm, Inc. is pleased to submit our letter of interest in providing services for the above referenced LPA work category of Roadway Design. Our company is a consulting engineering firm providing professional services in the fields of highways, roadways, bridges, interchanges, hydrology, hydraulics, utilities, environmental and civil engineering. We are confident in our ability to provide the required services for your roadway design projects.

OUR INTEREST IN THIS PROJECT

Our professional interest in this request stems from our extensive experience in completing this type of project. Veenstra & Kimm has successfully completed several projects for Local Public Agencies and we enjoy working with them. Our present staff configuration is such this type of work assignment will comfortably fit within our Liberty Office workload and as a result we will have no problem meeting the requirements of the project.

- ***Completed 38 MoDOT Roadway & Bridge projects during the past 28 years***
- ***Completed 61 Federal-Aid Off-System Bridge replacement projects during the past 28 years***
- ***Completed 110 City and County Bridge and Culvert projects during the past 28 years***
- ***Many of these projects included roadway design, trails and sidewalks and construction inspection***
- ***Our design engineers have extensive knowledge of civil and structural engineering design methods and related technologies***
- ***Our design engineers are very familiar with MoDOT, FHWA, LPA and ADA requirements and design standards***
- ***V&K's engineers are very familiar with the Engineering Policy Guide and the Local Planning Agency manuals***

Rd. 255 over Nodaway River
Holt County, Missouri

DESIGN TEAM

Route 60 over Galloway Ck
Rte 60/Rte 65 Interchange
Greene County, Missouri

Since its founding Veenstra & Kimm, Inc. has tailored its design teams to meet the needs and requirements of its clients. Veenstra & Kimm, Inc. has grown to its current staff of approximately 105, serving a variety of state, municipal, other governmental and private clients. In addition to providing traditional engineering services, Veenstra & Kimm provides various support services which can be critical to project implementation. The firm maintains expertise in all areas of project development, including the legal and financial requirements of our client's project.

The following are brief qualifications for the Veenstra & Kimm, Inc. personnel who will be the core design team for assignment to your design projects.

ROGER E. WALTEMATH, P.E. – PROJECT MANAGER – V&K (33 years experience)

- Project Management, Quality Control, Preliminary & Final Bridge Design
- Plan Production, Bridge Memorandums, Bridge Inspections, Specifications and JSP's

PHILIP E. SCHRICK, P.E. – PROJECT ENGINEER – V&K (27 years experience)

- Preliminary & Final Bridge & Roadway Design, Plan Production
- Bridge/Approach Roadway Design and JSP's, Construction Specifications & Documents

DAVID H. McDONALD, P.E. – SENIOR BRIDGE ENGINEER – V&K (38 years experience)

- Project Management & Scheduling, Designs & Cost Estimates, Bridge Hydraulics, Scour Analysis
- Preliminary & Final Bridge designs, Foundation Studies & Design, Bridge Rehabilitation and Inspections

Rd 340 over Auxvasse Ck
Callaway County, Missouri

GREGORY J. ROTH, P.E. – ROADWAY DESIGN ENGINEER – (28 years experience)

- Experience on numerous highway and interchange projects
- US 63 & Iowa 92 Interchange, US 63 & Iowa 137 Interchange in Oskaloosa, Iowa; I-35/I-80 interchanges with Iowa 141
- 4 interchanges on US 61 for Ft. Madison Bypass thru conceptual studies & preliminary design
- Traffic studies, roadway signing, traffic signal plans and roadway lighting

LEROY A. RADER, P.E. – HYDRAULIC DESIGN ENGINEER – V&K (48 years experience)

- Bridge & River Hydraulics, Scour Analysis & Studies, FEMA Floodway Compliance, Deck Drainage
- Performed bridge deck drainage design including slab drains and enclosed systems using grate inlets
- Major bridge hydraulic & scour studies include Missouri River Bridges at Sioux City, IA & Blair, NE
- 120 Flood Insurance Studies in nine states bridge and hydraulics and scour analysis for 70 bridge structures

SCOTT M. McDONALD, E.I.T. – DESIGN ENGINEER – V&K (2 years experience)

- Bridge and roadway drainage, Bridge deck design, bridge and roadway geometry
- Bridge & roadway surveys, Bridge & roadway quantities & cost estimates, Construction observations
- Bridge & River Hydraulics, FEMA Floodway Compliance, HEC-2 & HEC-RAS, Field surveys

STAFFING LEVELS

I-35/I-80 & Iowa 141
Urbandale, Iowa

Veenstra & Kimm has its home office located in West Des Moines, Iowa. It also has six satellite offices located throughout the Midwest region. These offices consist of 6 to 12 personnel depending on location and workload. When a project requires additional engineers and support personnel the needed staff can be sent to the local office or the work can be sent out to our other offices. The type of project and its unique requirements and needs determine how the project will be staffed.

- ***V&K will commit the necessary Liberty Office personnel to your project***
- ***V&K will meet the project deadlines and has proven so on past projects***
- ***V&K has adequate and flexible staff which can adjust easily and seamlessly to changing conditions, requirements and schedules***

ACCESSIBILITY OF FIRM AND STAFF

Veenstra & Kimm is committed to having total accessibility of the firm and its staff to our clients.

- ***V&K welcomes the LPA to visit our offices anytime during regular business hours***
- ***When requested V&K will meet with the LPA to discuss our commitment and project approach, status & schedule***
- ***We are committed to and have proven our responsiveness to our client's needs and concerns***

PROMOTING AND DEVELOPING A DIVERSE WORKFORCE

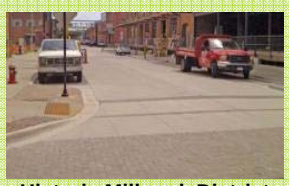
Veenstra & Kimm, Inc. is an equal opportunity employer. We are committed to respect, educate and embrace individuals from different age groups, classes, ethnicities, genders, abilities, races, sexual orientation and religions.

- ***We have participated in career days with Kansas City, Liberty and the Diocese of Kansas City/St. Joseph middle school and secondary education facilities***
- ***We have participated in local media announcements to educate the general public on the contributions engineering makes to their daily lives***

39th St over US 71
Interchange
Jackson County, Missouri

SIMILAR LPA AND MoDOT PROJECTS

The following list of V&K's projects indicates why our firm is qualified to provide services in the Roadway Design category. These projects include bridge and roadway design, foundation and structural elements, retaining walls, storm sewer design, ditch design, sanitary sewer design, erosion control facilities, curb and gutter design, hydrologic and hydraulic studies and design, channel improvements, structural slabs, construction inspection and other general civil and structural design elements.



Historic Millwork District
Complete Streets Project
Dubuque, Iowa

J6B0801C - **Route T in Polk Co.** - Final design and plans for Bridge A2009 a new 3 span (34'-34'-34') P/S concrete voided slab beam bridge having a 24' roadway width.
J6B0801C - Route 123 in Polk Co. - Final design and plans for Bridge A2081for a new deck with a 28' roadway width for the 7 span 586' long bridge.
J5S2178 - Route Y in Pettis Co. - Design of a roundabout at the intersection of Route Y and Winchester Drive in Sedalia, Missouri.
J8P0683C - US 60 in Greene Co. - Final design and plans for Westbound Bridge A7538 a 5 span (47'-87'-87'-87'-47') P/S concrete I-girder bridge having a 48' roadway width.
J8P0683C - US 60 in Greene Co. - Final design and plans for Eastbound Bridge A7539 a 5 span (47'-87'-87'-87'-47') P/S concrete I-girder bridge having a 38' roadway width.
J4S0984 - A6560: Route 131 in Lafayette Co. - Design and plans for 3,100' of roadway and a 3 span (72'-84'-72') P/S concrete I-girder bridge**.**
J0P0562D - A5698 & A5699: Route 67 in Madison County - Design and plans for twin 3 span (13.0m-21.0m-13.0m) P/S concrete I-girder bridges.
J5P0779 - A6467: Route 63 in Boone Co. - Design and plans for 800' of roadway and a 3 span (72.5'-85'-72.5') P/S concrete I-girder bridge. This project included conceptual planning studies**.**
J1S0661- A6546 & A6547: Route B in Daviess Co. - Design and plans for 2,100' of roadway and a 3 span (63'-63'-63') P/S concrete I-girder bridge & a new R/C double box culvert. This project included conceptual planning studies.

J4P3096D – Route 58 in Cass County - Final design and plans for modification to Bridge A2094 including barrier curb, pedestrian fencing and deck drains. This project also involved ADA improvements including sidewalk, curb ramps, signal modifications and entrance improvements involving 6,100 linear feet of Route 58.

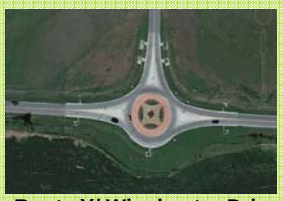
Route 7 & Route 58
Cass County, Missouri

J4P3096E – Routes C/J in Cass County – Final design for removing existing span-wire signal system and replacing with permanent signals and signing involving existing improved ADA sidewalks, crosswalks and pedestrian signals.

J8S2149 - Route 76 in Taney Co. - This ARRA project involves ADA sidewalk improvements along 3 miles of Route 76 in Branson. Approximately 320 curb ramps were involved.

J8P2216 - Route 76 in Taney Co. - This TE project involves 2,200 linear feet of ADA sidewalk improvements along Route 76 in Branson. This project included new sidewalks, curb ramps, storm water design, retaining walls and signage.

J8S0010B - Route 76 in Taney Co. - This ARRA project involves ADA sidewalk improvements along 1.3 miles of Route 76 in Branson. Approximately 150 curb ramps were involved.



Route Y/ Winchester Drive
Pettis County, Missouri

Harrison County Square Project - Bethany, MO - Project includes the design of 700' of sidewalk with curb and gutters, drainage structures, retaining walls, lighting and landscape plantings.

Line Creek Trail - Kansas City, MO - Project includes the verification of horizontal and vertical geometry, storm water design and the design of retaining walls and two pedestrian-bicycle bridge structures.

Hodge–Smithville Trail - Kansas City, MO - Project includes verification of horizontal and vertical geometry and the design of a pedestrian-bicycle bridge structure.

Liberty Pointe Development - Liberty, MO - Project includes the design of 4,160' of sidewalk with drainage structures and retaining walls.

Nashua Road Sidewalk Improvements - Liberty, MO - Project included 6,150' of sidewalks with drainage structures and retaining walls.

Bridgepointe Development - Kansas City, MO - Project included 18,900' of sidewalk with curb and gutters and drainage structures.

VEENSTRA & KIMM'S COMMITMENT TO PRACTICAL DESIGN

Our team brings a wealth of experience in civil and structural engineering design. This is extremely important as we consider new and emerging design possibilities for all projects awarded to our firm.

Route FF over US 71
Interchange
Jasper County, Missouri

- ***V&K will explore and implement practical solutions***
- ***Our designs are workable combinations of innovative and proven engineering methods***
- ***V&K's approach provides sustainable and environmentally conscious designs***
- ***Our commitment produces an outcome exceeding client expectations***
- ***We have used this commitment and approach on our civil and structural design projects***

COMMUNICATION & COORDINATION OF THE LPA PROJECT

We realize excellent communication, coordination and timely submittals with all involved entities is a prerequisite to meet the project schedule. Our design team will work closely and coordinate all design and plan production efforts with the LPA to keep everyone informed of progress, schedule, needs and requirements.

- ***V&K will assist in keeping the local stakeholders included in the lines of communication***

WHY CHOOSE VEENSTRA & KIMM, INC.

- ***Experienced staff (Core design team has 176 years of civil and structural design experience) with immediate and continuous availability for project execution***
- ***Past projects with similar design characteristics and concerns***
- ***Our business model allows the use of our most experienced personnel at billing rates comparable to midlevel or junior staff of larger firms***
- ***V&K will have no problem in meeting the project deadlines***
- ***V&K has a proven record of completing projects within the established schedule & budget***

US 63 & Iowa 92
Oskaloosa, Iowa

Veenstra & Kimm, Inc. appreciates this opportunity to express our interest in this request and we are confident in our ability and will provide the required services. We look forward to developing a working relationship with the LPA with the hope it will continue to grow in the years to come and be mutually beneficial to the LPA, project stakeholders, our firm and the general public.

Sincerely,
VEENSTRA & KIMM, INC.

David H. McDonald

David H. McDonald, P.E.

VEENSTRA & KIMM, INC.
CONSULTING ENGINEERS

ENGINEERING SERVICES

Veenstra & Kimm, Inc. has been providing government and private clients throughout Missouri, Iowa, Nebraska, and Illinois with Consulting Engineering Services since its founding in 1961. V&K is currently providing exclusive or significant city engineering services to over 40 towns and cities. To fulfill the commitment it takes to serve such a number, V&K has opened a number of branch offices in the past several years. These six branch offices are located in and adjacent to the State of Iowa in the following communities:

Coralville, Iowa
Moline, Illinois
Omaha, Nebraska
Mason City, Iowa
Sioux City, Iowa
Liberty, Missouri

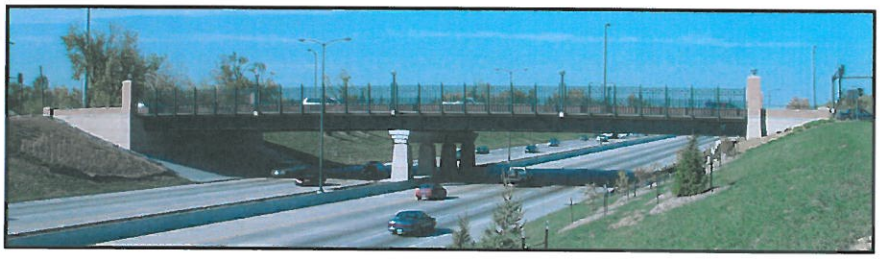
Veenstra & Kimm, Inc.'s services include a wide range of planning, design and consulting services tailored to meet the needs of our clients. These services include:

- Transportation Planning
- Street & Road Improvements
- Highways (Major & Minor)
- Bridges (Major & Minor)
- Streetscape Improvements
- Water Distribution Systems
- Modeling and Studies
- Water Main Improvements
- Water Storage Facilities
- Water Supply
- Water Treatment
- Sanitary Sewer Planning
- Sanitary Sewer Studies
- Sanitary and Relief Sewers
- Sanitary Pump Stations
- Wastewater Treatment Facilities
- Storm Water Planning (NPDES Permitting)
- Storm Drainage Improvements
- Flood Studies
- Flood Insurance Studies
- Hydrology & Hydraulic Studies
- Land Use Planning
- Comprehensive Planning
- Zoning & Subdivision
- Environmental Consultation
- Geographic Information
- Services & Mapping
- Financial Planning & Assistance

Our approach is to develop a long-term relationship, which is not dependent on large project work, rather the day to day providing of engineering services with project work flowing naturally. The providing of routine services helps establish the working relationship necessary for this arrangement to succeed. We believe in providing planning and engineering services at a fair and reasonable cost. We do not charge our establish clients for evening meetings or for routine telephone consultations. Services can be provided on an hourly basis within accordance to our standard hourly rates or by written agreement defining scope, schedule and fee. The size and nature of the assignments and the preferences of the Community help establish the preferred method.

BRIDGES

Veenstra & Kimm, Inc. has an extensive history in providing services for the design and plan production of various types of bridges and other roadway and waterway crossings. These bridges consist of steel beam and girder superstructures as well as prestressed concrete superstructures. Our experience includes the design and plan production of single, double and triple cell reinforced concrete box culverts as well as steel plate arch culverts. These structures have crossed roadways, interstate highways, railroads and minor creek to major river waterways. We have served clients on the State, County and City level.

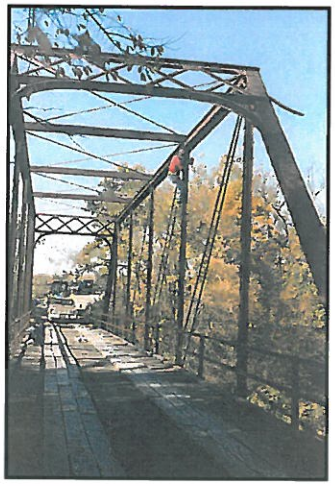


39th Street Bridge over U.S. 71 Highway
Kansas City, Missouri

Highway 60 over BNSF Railway and Gallaway Creek
Greene County, Missouri

V & K has provided specialty bridge related services. This includes being an approved consultant for the State of Missouri Bridge Engineering Assistance Program (BEAP). Through this program, we have provided repair and replacement recommendations to Cities and Counties for bridges on their inventory. We have analyzed existing bridges for special uses that involved unique and/or oversized vehicles. V&K has also provided Cities and Counties a full range of services during the construction of their bridge repair and replacement projects.

County Road Bridge over Auxvasse Creek
Callaway County, Missouri



Fracture Critical Bridge Inspection
Linn County, Missouri

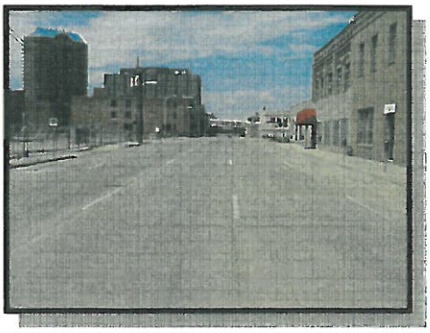
Chestnut Street (Steel Plate Arch Culvert)
Forest City, Missouri

West Des Moines, Coralville, Moline, Mason City, Sioux City, Omaha (NE), Liberty (MO)

TRANSPORTATION

Veenstra & Kimm, Inc. has designed and overseen the construction of large urban streets and arterials, from widening and overlays to complete reconstructions in very developed settings. V&K has the experience to guide clients through the most complex of projects.

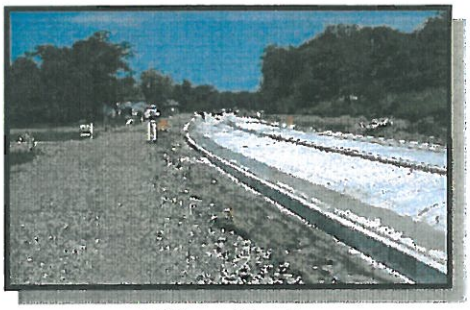
128th Street
Urbandale, Iowa



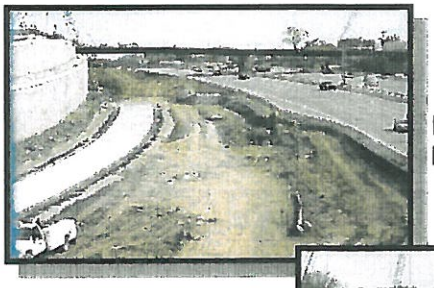
Second Avenue
Des Moines, Iowa

Clay Street Interchange
Osceola, Iowa

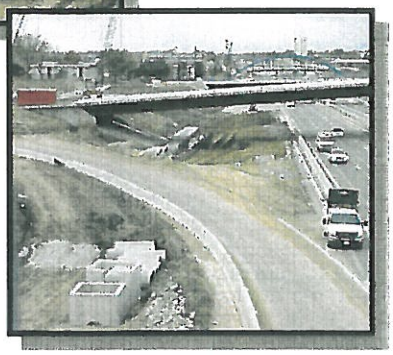
Veenstra & Kimm, Inc. has recently added staff with many years of transportation experience ranging from large urban to the very large rural bypass projects. This additional experience totals nearly 50 miles and well over $100,000,000 of transportation facilities experience in Iowa.



Military Road
Sioux City, Iowa



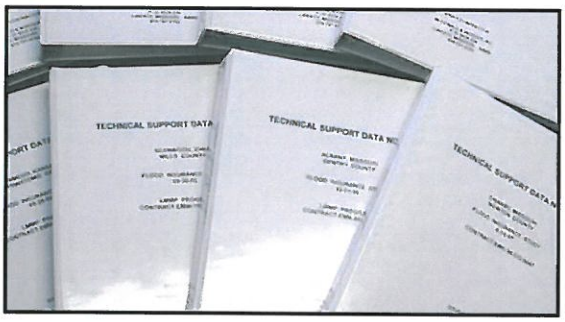
I-235
Des Moines, Iowa



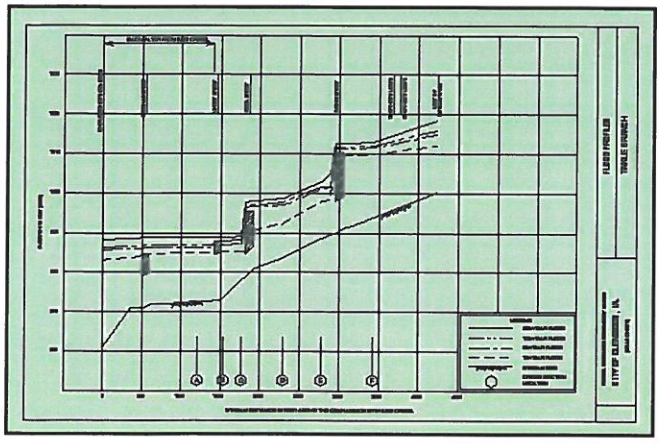
V&K has worked on large accessed controlled facilities, both urban and rural, from our work on the Osceola Interchange to the Outerbelt Drive in Sioux City to our recent work assisting the Iowa Department of Transportation with the I-235 plans from Guthrie Avenue to 63rd Street.

HYDROLOGY & HYDRAULICS

During the past 21 years Veenstra & Kimm, Inc. has performed more than 35 flood insurance studies involving more than 320 stream miles. The Firm's engineers and technicians have a combined total of 146 years of experience in flood insurance studies. Each of these studies required field surveys, map preparations on either USGS Maps or Aerial Photographs and Technical Support Data Notebook preparation (TSDN). The TSDN contained the back up information as to the study methods, hydrologic results, hydraulic analysis results and base map background. These studies were contracted through the Federal Emergency Management Agency.



V&K has performed backwater analyses for hundreds of bridge openings both in conjunction with flood insurance studies and the design of bridge and other waterway crossings. Our Firm has also been involved in the design of multiple street and storm water drainage systems. These projects included the design of both open channel and closed systems, which included collection and piping, detention and open channel discharge. In addition to the design of new systems, V & K has designed modifications to existing systems to collect and route storm water and street drainage away from residences. These designs have included sizing and placing curb and gutter inlets, field inlets, ditch design and berm design.



West Des Moines, Coralville, Moline, Mason City, Sioux City, Omaha (NE), Liberty (MO)