VEENSTRA & KIMM INC.

IOWA Independence Celebrate our spirit!

STATEMENT OF **QUALIFICATIONS**

Storm Drainage Improvements
812 3rd Street NW Area

CITY OF INDEPENDENCE
FEBRUARY 16, 2024

VEENSTRA & KIMM INC.
3000 Westown Parkway
West Des Moines, Iowa 50266

515.225.8000 // 800.241.8000
www.v-k.net

February 16, 2024

Matthew R. Schmitz
City Manager
City of Independence
331 1st Street East
Independence, Iowa 50644

INDEPENDENCE, IOWA
STORM DRAINAGE IMPROVEMENTS
812 3RD STREET NW AREA
STATEMENT OF QUALIFICATIONS

Veenstra & Kimm, Inc. is excited at the opportunity to provide professional services to the City of Independence for the Storm Drainage Improvements in the 812 3rd St. NW Area Project. Our previous work with the city has reviewed and understands the challenges the city is facing with a limited storm sewer system. We believe our selected team members, with their experience and availability, are best suited for the task.

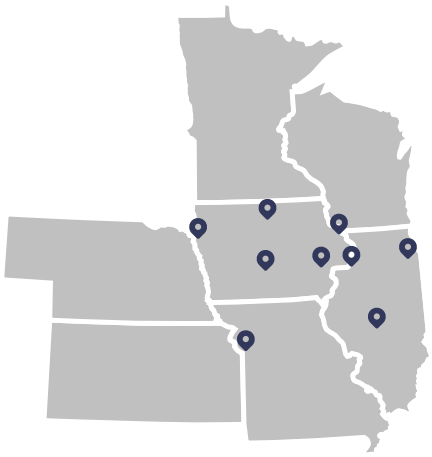
For this project, we proposed our West Des Moines team of Weber and Merten who are experienced with the challenges of stormwater management and design within developed urban communities. Weber has designed and managed many downtown street projects with full utility replacements, including storm sewer improvements, and has gained years of experience working with businesses, residents, utilities, and the traveling public. Merten's storm water experience complements and rounds out the team.

We look forward to the opportunity to work for the City of Independence again and hope that our proposal supports your selection of Veenstra & Kimm, Inc. If you have any questions or comments, please call or email Will Weber at 515 225 8000 or wweber@v-k.net.

Sincerely,

William J. Weber

FIRM **OVERVIEW**



BUILDING RELATIONSHIPS
ENGINEERING SOLUTIONS

LOCAL OFFICE

Will Weber, P.E.
3000 Westown Parkway
West Des Moines, Iowa 50266
515-225-8000
wweber@v-k.net
www.v-k.net
FID: 42-1137727

Veenstra & Kimm, Inc. has proudly been serving communities across Iowa out of our West Des Moines office since 1961.

Our current West Des Moines staff breakdown:

8 Building Inspectors
16 Construction Personnel
7 Land Surveyors
7 Environmental Engineers
12 Civil Engineers
5 Structural Engineers

While not the closest geographically, our West Des Moines office staff is best equipped to assist the City of Independence with this project.

Founded on the principle of providing quality services to municipal clients at a fair and reasonable price, Veenstra & Kimm, Inc. from a small partnership to a staff level of more than 200 employees in 10 locations, serving in excess of 100 cities and counties across the Midwest.

Our services are centered on the needs of our clients. We assist in project delivery through planning, concepting, budget and finance, preliminary and final design, easement procurement, construction administration and observation and record drawings.

Our local presence throughout the Midwest allows us to better serve the needs of our clients.

Successfully completing thousands of projects, we believe the size of our firm allows us to serve clients ranging from the largest to the smallest. The quality of our work is best expressed through our clients. We strive for high quality services on every assignment. Timeliness and efficiency are the driving forces for our staff. We believe in and earn repeat business.

Veenstra & Kimm, Inc.'s services include a wide range of planning, design and consulting services tailored for Iowa municipalities. Veenstra & Kimm, Inc.'s services include:

- ✓ Transportation planning
- ✓ Street and road improvements
- ✓ Streetscape improvements
- ✓ Water distribution systems
- ✓ Modeling and studies
- ✓ Water main improvements
- ✓ Water pumping improvements
- ✓ Water storage facilities
- ✓ Water supply
- ✓ Water treatment
- ✓ Sanitary sewer planning
- ✓ Sanitary sewer studies
- ✓ Sanitary and relief sewers
- ✓ Sanitary pump stations
- ✓ Wastewater treatment facilities
- ✓ Stormwater planning
- ✓ NPDES permitting
- ✓ Storm drainage improvements
- ✓ Land use planning
- ✓ Comprehensive planning
- ✓ Zoning and subdivision construction
- ✓ Environmental consultation
- ✓ Geographic information services and mapping
- ✓ Financial planning and assistance
- ✓ Building Inspection

The firm's services are tailored to meet the requirements of municipalities for their civil and environmental engineering needs. Veenstra & Kimm, Inc. is organized into five primary areas of practice for civil engineering, environmental engineering, structural engineering, building inspections, planning, and construction related services.

Veenstra & Kimm, Inc.'s civil engineering department specializes in the evaluation and design of sanitary sewer systems, water distribution systems, stormwater drainage facilities and transportation projects.

The firm's experience with transportation and roadway related projects ranges from parking lot facilities to highway reconstruction efforts and major arterial intersection improvements. The firm has a full range of experience in traffic signalization studies and design for all types of intersections, street reconstruction, and roadways.

Our environmental engineering group is responsible for all aspects of water and wastewater treatment facilities including facility planning, design and general administrative services during construction. The environmental engineering department provides computerized analysis and modeling services for both water distribution systems and sanitary sewer systems.

The firm is especially proud of the qualifications and experience of our environmental staff. Veenstra & Kimm, Inc. currently has five registered professional engineers with Masters degrees in environmental engineering. Our environmental engineering department has significant expertise including five engineers with over 20 years of experience in the area of water and wastewater treatment planning and design.

Our planning group provides a full range of planning services relating to comprehensive planning, zoning, land use, subdivisions, and all types of development activities. The planning group is also staffed with several landscape architects who specialize in site design, streetscape planning and design, recreational facility design, and park related improvements.

Our construction services department provides a full range of services relating to survey and construction observation services. Veenstra & Kimm, Inc.'s construction services department includes six survey crews located in our central and branch offices. Our survey department uses the latest electronic survey equipment including total station and global positioning satellite (GPS) equipment.

The type of services we provide varies with our client. Project services may include:

- ✓ Preliminary cost estimates
- ✓ Preliminary studies and reports
- ✓ Rate and feasibility studies
- ✓ Developer agreement assistance
- ✓ Preparation of plans and specifications
- ✓ Assistance in awarding construction contracts
- ✓ General administrative services during construction
- ✓ Monitoring of construction

In addition to providing traditional engineering services, Veenstra & Kimm, Inc. provides various support services which are critical to project implementation. The firm maintains expertise in all areas of project development, including the legal requirements and financial requirements for the implementation of our project.

Our business philosophy is to satisfy our clients. The goal of providing quality service to satisfy our clients is responsible for the large volume of repast business which provides the core of our business practice.

Whether in an ongoing relationship or on a single project basis, Veenstra & Kimm, Inc. strives to establish and maintain an excellent working relationship between our client, our personnel, and outside agencies with which we work. Many projects involve coordination between various state and federal agencies.

PROJECT UNDERSTANDING + APPROACH

Project Understanding

The City of Independence is looking to resolve drainage issues with the "Storm Drainage Improvements in the 812 3rd St. NW Area" project. The primary areas of drainage concern are located north of the industry at 812 3rd St. NW and in the backyards of lots along 10th Ave NW and 5th St NW. The project goal is to provide a drainage solution that relieves these areas from ponding in addition to evaluating the existing storm sewer system to adequately convey the design year storm. As part of the project the city seeks assistance in identifying and securing additional sources of funding available through stormwater related grants.

Currently, the areas north of 812 3rd St. NW experience heavy ponding due downstream development that has blocked the natural drainage corridor. As a result, areas upstream regularly experience ponding in major and minor storm events. The ponding remains until it eventually evaporates or infiltrates into the ground. Additionally, the area lies at the upper end of the drainage basin with limited capacity available in the nearby storm sewer connections.

It is our understanding a successful project will require analyzing the existing conditions and providing a cost-effective solution to eliminate ponding that occurs in the project area. It is our understanding a preliminary drainage study has identified a large portion of the city's storm sewer system is undersized and needs to be upgraded. The analysis shall determine the feasibility of two potential storm sewer connections as noted by the City of Independence, as well as recommending additional solutions due to the potential limited capacity. The scope of services shall include a detail analysis and cost estimates for the recommended downstream storm sewer improvement alternatives.

Project Approach

Veenstra & Kimm, Inc's. approach for this project will evaluate the short-term flooding and long-term storm sewer capacity issues for the area. Our approach would prioritize the need for a short-term solution to reduce the flooding and specifically eliminate drainage problems that currently create issues for the industry at 812 3rd St. NW. All short-term solutions would be designed with a long-term solution for the downstream system in mind.

Veenstra & Kimm, Inc's. goal for a short-term solution maximizes the cost benefit for the project while meeting the goals of the agreement tied to the High-Quality Jobs Act awarded to the property owner. The localized flooding that results in health and safety hazards can be eliminated by capturing and conveying runoff to areas downstream of the industry. This approach solves the immediate ponding issue while allowing more time for the City to apply for stormwater related grants and secure additional sources of funding for long-term solutions to the capacity issues downstream.

Veenstra & Kimm, Inc's. goal for a long-term solution looks to solve the capacity concerns of the downstream system. This can be achieved by constructing a new storm sewer outfall along unsewered streets or along streets with upcoming projects. It's our understanding that 1st Street is expected to be reconstructed from the Wapsipinicon River to 10th Street. A long-term solution could be designed to connect into the new storm sewer system planned along 1st Street. Evaluation and design of long-term solutions would include a detailed analysis (stormwater modeling) and proposed storm sewer upgrades to meet SUDAS design standards.

Phasing the project with short and long-term goals is a key element in completing the project within the City's budget and timeline. Early and ongoing efforts to estimate the construction costs will be communicated with the City throughout both phases of the project to determine the best approach. Veenstra & Kimm, Inc's vast stormwater experience, combined with input from the City, industry, and public stakeholders, will ensure the City of Independence receives a solution delivered on time and within budget.

FIRM EXPERIENCE

To demonstrate the vast experience and technical competence of Veenstra & Kimm, Inc. this section includes numerous projects on which V&K has provided design and construction services as well as brief descriptions of the experience and background for members of the project team. The services required on the projects shown below are very similar to those requested by the City of Independence.

West Side Storm Drainage Study and Storm Sewer Improvements
Elkhart, Iowa

Veenstra & Kimm, Inc. started working with the City of Elkhart to complete a storm drainage study of the west side of the City. The City experiences localized flooding in the older part of town and in some newer parts of town. The study included determination of drainage areas and capacity of existing storm drainage facilities, estimates of storm water flows at critical points, and recommendations on improvements to the storm drainage system. A unique aspect of the study also evaluated the use of the City's recently abandoned wastewater treatment facility lagoons as a stormwater detention facility. It was ultimately determined that an upgraded storm sewer system could alleviate flooding and convey storm water from ¾ of the City to the abandoned lagoons where detention could also be provided for previously undetained runoff. The detention was also able to be in accordance with the Unified Sizing Criteria recently adopted by most communities in central Iowa. The detention ponds will become the centerpiece of the City's largest park and will provide recreational opportunities for the City's residents. The project has been acclaimed at many levels and has received funding from two IDNR REAP grants, an IDALS Urban WQI grant, a Polk County Community Betterment Grant, and an IFA Water Infrastructure Fund Grant. Construction of the detention basins and first phase of the storm sewer infrastructure is beginning in the summer of 2022. The remaining storm sewer infrastructure totaling more than $1.5 million and park improvements will be completed over the following three years.

Chad Sands // Interim City Administrator
chadsands@gmail.com

Storm Sewer Improvements
Eddyville, Iowa

Veenstra & Kimm, Inc. was retained by the City of Eddyville in 2021 to apply for FEMA funding and design storm sewer improvements to alleviate flooding in town caused by inadequate storm sewer and drainage ways. The project is complicated by the fact that the Des Moines River surrounds the City and most storm water must be pumped from town. The project includes street reconstruction, multiple storm trunk sewers, drainage way improvements, levee improvements, and pond improvements. Tasks for the Phase 1 design services included preparation of estimate of cost for the proposed work and for the mitigated benefits to develop a Benefit Cost Analysis (BCA), development and evaluation of alignments, hydraulic analysis, drawing preparation, preparation and submittal of engineering report, coordination with archaeological and environmental consultants, and assistance in correspondence with regulatory agencies.

The project went through final FEMA funding approval and construction began in 2023.

Nick Batterson // City Council Member
nbatterson@weilerproducts.com
641-295-0411

Original Waukee Storm Sewer Study
Waukee, Iowa

Veenstra & Kimm, Inc. was retained by the City of Waukee in 2016 to complete a storm sewer study in the original part of the City. The City experiences localized flooding in basements, ditches and backyards. The study included meetings with 20 property owners to investigate flooding issues and discuss possible solutions. The entire storm sewer system in the area was investigated and televised and a comprehensive storm sewer map was created. Capacity of the existing storm drainage facilities was evaluated and recommendations were made on improvements to the storm drainage system. The project was separated into five phases to match the City's budget. A unique part of the project included locating intakes and storm sewer in specific areas of ditch sections that would later be able to tie in to curb and gutter streets. The $2.4 million project is currently scheduled to begin in the coming years along with street improvements in the area.

Rudy Koester // Public Works Director
rkoester@waukee.org
515-978-7388

Market District Stormwater Modeling Improvements
Des Moines, Iowa

The Market District area of Des Moines is located just southwest of the state capitol. The area is an old industrial area that has been targeted for mixed use redevelopment.

The northern part of the Market District located north of M.L. King Jr. Parkway is a very flat area that includes an existing stormwater pump station and detention basin that is used extensively when the stage of the Des Moines River is elevated. In the fall of 2018 Veenstra & Kimm, Inc. was retained by the City to develop a comprehensive plan for the northern part of the Market District area. Veenstra & Kimm, Inc. was retained after the two consultants working on the projects were unable to develop a complete solution to the stormwater drainage.

Veenstra & Kimm, Inc. developed an alternative plan for stormwater drainage that reduced the cost and eliminated the need to construct a stormwater pump station in an area of soil contamination. More recently Veenstra & Kimm, Inc. was retained to develop a complete stormwater model of the northern part of the Market District. The model looked at the need for additional stormwater detention, more thoroughly evaluated the alternative stormwater pump station concept and evaluated deficiencies in the storm sewer system that would have resulted in flooding of the redeveloped area based on the plan developed by the original consultants on the project.

Veenstra & Kimm, Inc. is finalizing the stormwater drainage study and is recommending stormwater improvements with an estimated cost of approximately $11 million, including the expanded stormwater detention basin, a new stormwater pump station and force main and two large diameter storm sewers. Design of the proposed improvements started in the early fall of 2020. The project was completed in 2022.

Birds Run Outlet Sewer
Des Moines, Iowa

In 2001 Veenstra & Kimm, Inc. worked with the City of Des Moines and the Iowa Department of Transportation to develop a dual purpose project referred to as the Birds Run Outlet Storm Sewer. The Iowa Department of Transportation required a separate storm sewer outlet from the reconstructed I-235 corridor. The Federal Highway Administration would not allow the connection of I-235 storm sewers to the City of Des Moines combined sewer system. The City of Des Moines also needed a new outlet storm sewer for future separation along the Birds Run combined sewer corridor extending from the Des Moines River northwesterly toward Drake University.

The project is located along High Street from the Des Moines River to Keosauqua Way and northwesterly along Keo Way to I-235. The project corridor is through a heavily commercial area located on the north edge of the downtown area.

The Birds Run Outlet Storm Sewer is a 10-foot x 5-foot box extending over a length of approximately 4,900 linear feet. Along most of the project a 54-inch combined sewer
was constructed along the storm box.

Due to its location, coordination with the adjoining businesses was a major area of concern. The construction of the project was divided into two phases. The first phase extended from the river to 7th Street and the second phase extended from 7th Street to Keo Way and northwesterly to I-235. Each stage included an extensive staging plan to maintain access. The design included specific guidance and restrictions on road closures. The project included an extensive public participation program, including regular e-mail notification to businesses and a web page on current activities and upcoming street closures.

The High Street and Keo Way corridor was selected to minimize impact on the brick sewer located in the area. The only reach of the new sewer located near an existing brick sewer was between 7th Street and Keo Way. In that area the new storm sewer and combined sewer was designed in a split configuration to avoid impact on the brick sewer. The City preferred the High Street and Keo Way corridors to incorporate street modifications. As part of the project, Veenstra & Kimm, Inc. worked with the City of Des Moines' traffic and transportation department to improve the geometrics of High Street. Additional width was incorporated in 3 blocks to provide a uniform number of lanes on High Street from Second Avenue to Keo Way. The street was shifted slightly north and south in several of the blocks to eliminate undesirable jogs across intersections. The reconstruction of Keo Way included significant geometric changes to the number of lanes, pavement width and center median. The new configuration was coordinated with the construction of the new I-235 interchange with Keo Way.

2010 Flood Protection Mitigation Project – Pump Station and Storm Sewer System

Ottumwa, Iowa

Veenstra & Kimm, Inc. was retained by the City of Ottumwa on a three part project referred to as the 2010 Flood Protection Mitigation Project. The project was funded through a combination of a Hazard Mitigation Grant from the Federal Emergency Management Agency and a Community Development Block Grant program. Design of the multi-phased project occurred in 2013 to 2014. Construction occurred from 2013 to 2016.

One element of the project involved the construction of both large (96-inch through 54-inch) and small diameter (48-inch through 12-inch) storm sewers along West Main Street, McLean Street and up into the Des Moines River bluff. Outfall from the storm sewers is directly into the Des Moines River. A second element of the project included construction of a flood wall around the perimeter of the Ottumwa Water & Hydro water treatment plant. A third element of the project included a storm water pump station dedicated to intercepting storm water flow from the low lying areas of the City along Gateway Drive.

The construction of the floodwall included a poured in place concrete wall with tip up panels on top of the wall. The tip up panels were utilized to provide the necessary flood protection while also limiting the intrusiveness of the flood wall. Construction of the flood wall began in the summer of 2014 and was completed in the spring of 2016.

The storm water pump station includes four propeller pumps and two Duperon catenary bar screens. A common gate well built into the flood protection levee is utilized for the pump station outlet as well as the outlet for the large and small diameter storm sewer system. Construction of the storm water pump station began in the summer of 2014 and was completed in the spring of 2016.

The Flood Protection Mitigation Project is an example of Veenstra & Kimm, Inc.'s experience with developing the concept for a complex, multifaceted project including large and small diameter storm sewers, floodwall, and storm water pump station. Veenstra & Kimm, Inc. was also instrumental in working with the City of Ottumwa, State of Iowa Hazard Mitigation, and the Community Development Block Grant program to secure the funding for the project.

The storm water pump station and storm sewer system were placed into operation in the spring of 2016. The construction cost for the storm sewer system was $11,000,000. The construction cost for the flood wall was $1,200,000. The construction cost for the storm water pump station was $7,000,000.

Phillip Burgmeier // City Engineer
641-683-0680

FUNDING EXPERIENCE

Iowa Department of Agriculture & Land Stewardship (IDALS) Water Quality Initiative (WQI) Urban Conservation Grant Program

IDALS has offered a cost-share to help support urban conservation projects through the state's WQI funding since FY2015. To date, the state has awarded over $10.9 million in funding to support 110 urban water quality projects. The state's funding has spurred an additional $41.3 million in project contributions from private partners and landowners.

Examples of eligible urban conservation projects include but are not limited to bioretention cells, bioswales, native landscaping, permeable pavement, rain gardens, tree trenches, and wetlands. These practices capture and treat rainwater to help reduce sediment entering local waterways.

Pre-applications for the program are typically due in November, full applications are due the following February, and selected projects are typically announced in the spring.

Veenstra & Kimm, Inc. has obtained IDALS WQI funding for recent projects in Granger, Elkhart, and Waukee.

To learn more about the Water Quality Initiative, can the QR code below:

USDA Funding

The United States Department of Agriculture offers assistance to Iowa communities through its Rural Development program. Under USDA Rural Development Cities can qualify for both grant and loan funding.

Unlike the Community Development Block Grant program that is extremely competitive relative to grant funding, USDA currently has an excess of available grant funds. At the present time USDA is actively recruiting communities to participate in its grant and loan program for water and wastewater treatment facility projects.

The USDA program includes a number of restrictions. However, most of those restrictions do not apply to water treatment facilities.

The USDA program generally operates as an alternative to the CDBG and SRF program. Typically the USDA funding is not combined with other funding but there are some possibilities of combining the funding sources under certain circumstances.

Veenstra & Kimm, Inc. has extensive experience working with the Iowa staff of USDA Rural Development on all varieties of projects including grant and loan projects. Some examples of recent projects where Veenstra & Kimm, Inc. has worked with USDA funding include:

City of Cherokee
City of Elma
City of Redfield
City of College Springs
City of Carpenter
City of Lone Rock
City of Joyce
City of Rowan
City of Alexander

To learn more about the Water & Waste Disposal Loan & Grand Program in Iowa, scan the QR code below:

PROJECT TEAM

William Weber, P.E.
Project Manager

Bachelor of Science, Civil Engineering, Iowa State University
Professional Engineer: Iowa
Expertise: Civil Design
26 years of work experience (Veenstra & Kimm, Inc. since 2002)
Office Location: West Des Moines, Iowa

William Weber will serve as the project manager for the project. He will be responsible for regular communications between Veenstra & Kimm, Inc. and the City of Independence. Weber's responsibility will be to provide guidance and oversight to Veenstra & Kimm, Inc.'s project team throughout the project.

Weber's background experience primarily focuses on municipal engineering with an emphasis on roadway rehabilitation and reconstruction projects ranging from minimal to full utility replacement.

Weber brings 22 years of experience completing many urban and rural roadway designs and has extensive knowledge of the SUDAS and Iowa Department of Transportation standards and specifications. He currently manages and designs most of Veenstra & Kimm, Inc.'s, West Des Moines location, projects let using the Iowa Department of Transportation standards and specifications for Iowa municipalities.

Weber's design experience includes many complex staging and traffic control plans by involving business owners, contracting authorities, property owners, and the traveling public. In addition to his roadway experience, Weber brings drainage improvement experience from stormwater outfall design to urban roadway drainage. Weber will work closely with the project team on the drainage study, design concepts, and the implementation of the design.

Examples of Weber's project experience include:

- ✓ 2015/16 West Lincoln Way Intersection Improvements – Ames, Iowa
- ✓ Civic Campus Improvements – Bondurant, Iowa
- ✓ Northeast Storm Sewer Improvements, Phase 1 – Bondurant, Iowa
- ✓ Pedestrian/Bicycle Underpass at US 65 – Bondurant, Iowa
- ✓ Safe Route to Schools project – Stuart, Iowa
- ✓ Highway 59 And Railroad Water Main Crossing – Denison, Iowa
- ✓ East Boyer River Water Main Replacement - Denison, Iowa
- ✓ Birds Run Outlet Sewer, I-235 – Des Moines, Iowa
- ✓ Iowa Highway 146 Traffic Signals and Storm Sewer – Grinnell, Iowa
- ✓ Central Business District, Phases 1 through 5 – Grinnell, Iowa
- ✓ Highway 44 at Fairview Drive PCC Highway Widening – Dallas Center, Iowa

Alex Merten, E.I.
Design Engineer

Bachelor of Science, Civil Engineering
University of Iowa
Expertise: Stormwater
4 years of work experience
Veenstra & Kimm, Inc. since 2023
Office Location: West Des Moines, Iowa

Alex Merten's experience in stormwater management, including the design and construction of storm sewer, stormwater treatment systems, and improvements to existing storm sewer systems will play a vital role in the project. Merten has helped develop stormwater solutions in rural and urban Iowa communities, and currently assists in the review of stormwater management plans for the City of Waukee. Merten's primary responsibility on the project will be to perform the storm water runoff modeling, preparation of the design concepts, and development of the engineering documents needed for construction of the project.

Merten is experienced in the design and construction of traditional roadway storm sewer systems, as well as developing stormwater management plans for water quality treatment applications. He is proficient in the use of storm water modeling software to analyze the existing drainage basin as well as proposed improvements. Merten has designed stormwater plans in accordance with SUDAS, Iowa DOT, and Iowa DNR standards and has recently worked on stormwater projects with Osceola, Waukee, and Coon Rapids.

Examples of Merten's project experience include:

- ✓ Central Business District Streetscape Project, Phase 1 – Osceola, Iowa
- ✓ Little Walnut Creek Wetland – Waukee, Iowa
- ✓ Storm Sewer Study – Coon Rapids, Iowa
- ✓ River Oaks Rehabilitation – Dallas County, Iowa
- ✓ 76th Street Extension – West Des Moines, Iowa
- ✓ University Avenue Reconstruction – Waterloo, Iowa
- ✓ West 27th Street – Cedar Falls, Iowa

Forrest Aldrich, P.E.

Project Advisor

Bachelor of Science, Engineering
Iowa State University
Professional Engineer: Iowa
Expertise: Civil Design
37 years of work experience
Veenstra & Kimm, Inc. since 1987
Office Location: West Des Moines, Iowa

The overall project principal for Veenstra & Kimm, Inc. will be Forrest Aldrich. Aldrich is a registered professional engineering Missouri and has over 35 years of experience. Aldrich joined Veenstra & Kimm, Inc. in 1987 and has served as President of the firm since 2020. Aldrich also serves as the head of Veenstra & Kimm, Inc.'s Environmental Engineering Department.

Aldrich's responsibility will be to review the work completed by the Veenstra & Kimm, Inc. project team and ensure the project is meeting the requirements of the City of Independence. Aldrich has been involved in many areas of civil engineering and has an understanding of the procedures for QA/QC management and client satisfaction.

Leon Freeman

Grant Assistance

Certified Journeyman Electrician
Associate Degree of Science
National Education Center
Expertise: Grant Assistance + Disaster Management
15 years of work experience
Veenstra & Kimm, Inc. since 2021
Office Location: West Des Moines, Iowa

Leon Freeman worked for Iowa Homeland Security and Emergency Management for well over 10 years. He has experience assisting clients responding to disasters, guiding them through the process of documenting damages, along with federal and state procurement requirements. His experience also includes administering the federal and state funding awarded to cities and counties impacted by disasters.

PROJECT FEES

Scope

The Scope of work outlined includes two phases.

Phase 1 includes the work necessary to develop and prepare plans and specifications, bidding documents for a short-term drainage solution. The fee below is based on the following project scope:

Services provided include the following:

- ✓ Topographical survey
- ✓ Review and analyze alternate designs to nearby storm sewer connections/options, does not include a detailed downstream capacity analysis
- ✓ Preparation of plans, specifications, and bidding documents
- ✓ Preparing and submitting permits
- ✓ Attend meetings as requested by the city (council meetings/work sessions)
- ✓ Public informational meetings (pre/post design)
- ✓ Assistance in preparing notices to contractors
- ✓ Attend the bid opening, review the bids received and make contract award recommendation.

Services do not include the following:

- ✓ The preparation of easements or the negotiations for easements.
- ✓ Printing cost for plans and specifications for potential bidders, subcontractors, suppliers and plan rooms.
- ✓ Assistance with stormwater related grant applications

Phase 2 includes the work necessary perform a detailed analysis of the downstream storm sewer capacity for the option selected in Phase 1 and prepare plans and specifications, bidding documents for the long-term drainage solution. The fee below is based on the following project scope:

Services provided include the following:

- ✓ Topographical survey
- ✓ Review and analysis of downstream storm sewer capacity
- ✓ Preparation of plans, specifications, and bidding documents
- ✓ Preparing and submitting permits
- ✓ Attend meetings as requested by the city (council meetings/work sessions)
- ✓ Public informational meetings (pre/post design)
- ✓ Assistance in preparing notices to contractors
- ✓ Assistance with stormwater related grant applications
- ✓ Attend the bid opening, review the bids received and make contract award recommendation.

Services do not include the following:

- ✓ The preparation of easements or the negotiations for easements.
- ✓ Printing cost for plans and specifications for potential bidders, subcontractors, suppliers and plan rooms.

Phase 3 includes construction services including on site review, progress meetings, payment applications, change orders, and review of shop drawing submittals.

Fees

Veenstra & Kimm, Inc would propose to complete the work on an hourly fee basis with a maximum not to exceed fee as follows:

Phase 1:	$39,900
Phase 2:	To be Determined
Phase 3:	To be Determined

3000 Westown Parkway
West Des Moines, Iowa 50266
515.225.8000 | www.v-k.net