



VEENSTRA & KIMM, INC.

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October 30, 2014

Mike Beimer
City Administrator
City of Mount Vernon
213 First Street NW
Mount Vernon, IA 52314

MOUNT VERNON, IOWA
ENGINEERING PROJECTS UPDATE

As a follow-up to our October 27, 2014 meeting, we would like to provide an update on our recent activities regarding the projects that were discussed. In addition, please find the attached memo documenting the items discussed at that meeting.

Veenstra & Kimm, Inc. has reviewed the 3rd Avenue and 5th Avenue street improvement projects and the Lisbon Road overlay. Our survey team has verified control monuments and has placed additional monuments as necessary to complete survey. We met with Dan Boggs on Wednesday, October 29th and conducted a more detailed walk through of the projects to review ADA concerns, utility concerns, and project limits.

The intersections at First Street with both 3rd Avenue and 5th Avenue will require discussion of ADA compliance with respect to sidewalks and cross walks. In addition, the 5th Avenue intersection may require work on the traffic signals and pushbuttons to meet compliance. Similarly, several of the intersections along 3rd Avenue and 5th Avenue will require work to address sidewalk ADA compliance. The City's streetscape development plan indicates that the intersection of 3rd Avenue and First Street is to be included in the streetscape corridor. We will need to determine if streetscape elements are to be worked into the reconstruction of this intersection in conjunction with the 3rd Avenue project.

We have requested utility maps and sewer televising information for the project areas and will review that information as it becomes available. The condition of the sewer and water mains and the recommended method of repair will influence the nature of the street repairs.

Our intent is to survey the corridor for the street projects, supplement that data with the utility condition information, and provide a more detailed recommendation and cost estimate for improvements. We anticipate having most of the field work completed in the next couple of weeks and will provide updates as we progress.

We understand that communication with the public is very important to the City. Following the Council Meeting on November 3rd, we plan to send notices to the residents along the project routes to make them aware of the project and provide them with a rough timeline for the project.

We appreciate the opportunity to work with the City of Mount Vernon. If you have any questions or concerns regarding the street projects or any of the other items we discussed as outlined in the memo, please contact us at (319) 466-1000.

VEENSTRA & KIMM, INC.


Dave Schechinger, P.E.

Enclosures

MEMO

To: File

October 28, 2014

Fr: EKL

Re: Mount Vernon City Engineering
Introduction and Project Review

A meeting was held on Monday, October 27, 2014 at 10:00 A.M. in the conference room at Mount Vernon City Hall. Those present at the meeting from the City of Mount Vernon were Mike Beimer, City Administrator; Nick Nissen, Public Works Director; and Dan Boggs, City Engineer. Present from Veenstra & Kimm, Inc. were Emily Linebaugh and Dave Schechinger. The items discussed at the meeting were as follows:

1. The subdivision and rezoning ordinances are available on the website or can be provided to V&K.
2. The City inquired about V&K's insurance limits and how mistakes on projects are typically handled. They mentioned a few instances of past disagreements with other engineering firms which led to their concerns. Schechinger reviewed V&K's position on errors or omissions on plans. He stated that in general, if there is a simple omission of something that was necessary and would have been the City's obligation to pay had it been included originally, then it would be something the City would be expected to pay for by change order. However, if there was an added cost due to the fact that there was a mistake (increase in price or extra work caused by correcting the error), then V&K would take responsibility for that portion of the cost. If there was a design error of a larger scale, then V&K's insurance company would most likely be involved and it would be handled as an insurance claim. Schechinger stated that he recalled the liability insurance limit was \$2 million, but he would furnish the City with our insurance information.
3. The City is finishing up the Highway 30 roundabout project. There is a light that needs to be installed at 10th Avenue and they would like to get the project audit complete prior to Boggs' departure.
4. The City would like to proceed with overlay projects as on 3rd Avenue (Press Hill) and 5th Avenue as soon as possible. They would like to have the project ready to bid in early 2015 so that work can begin as soon as the weather is good. Schechinger mentioned that along with the overlay, there would need to be sidewalks brought into ADA compliance according to current standards. He said that V&K would have someone out to start survey so that V&K could begin looking at the design challenges and associated costs.

5. The City's pool is having issues with the filtration system. Pool tech was out to inspect and recommended that the City reduce the number of filters from 4 to 2 and the number of pumps from 2 to 1. The City is concerned about redundancy if the numbers of filters and pumps are reduced. Nissen felt that there was a possibility of rehabbing two of the filters (installed in 1998). There is also a wish list of items that the community would like to see at the pool facility. Typically the pool is highly utilized, although last year attendance was down due to cooler than normal weather.
6. There are concerns about the filter at the water treatment facility. The tank has a few leaks and the media has not been changed. Schechinger recommended that a sample of the media be examined to determine if the media should be changed. The City has used Dan Helms to help with water issues in the past.
7. There are 3 or 4 streets which need to have seal coat applied; however, Schechinger expressed concerns about seal coating streets now that colder weather is here. The rocks do not seat properly and ultimately he thought there would be more value waiting until the spring when the temperatures were warmer. He had recently discussed this with L.L. Pelling, and they had indicated that they were busy trying to get current jobs done and would not recommend starting any more this year. The City indicated that they would still like to try to get the roads done this fall, and perhaps V&K could contact some of the smaller firms to get the work done.
8. Beimer wanted to be sure that V&K understood that communication with the public was a top priority for the City, especially in areas impacted by construction projects. He said they typically have at least one open house, letter notifications, and door hangers for construction projects. The City indicated that letters to citizens should be sent by certified mail to guarantee delivery. There have been complaints by some citizens for poor communication.
9. Storm sewer lining and possible pipe bursting was discussed for the storm sewer on 7th Ave N.
10. Sanitary sewer cleaning, jetting, and televising were discussed. The City has used Roto-Rooter in recent years because of their responsiveness for emergencies. The City has not had much televising done in the past couple of years. Schechinger said we would work with Roto-Rooter to make sure that cleaning and televising were done according to NASSCO standards.
11. There was discussion of a sewer which extends under a house/breezeway between 7th Ave and 8th Ave. at the end of 6th Street. City is concerned that this sewer be televised and possibly lined or burst in order to ensure integrity of sewer.

12. The City currently has a well in Bryant Park which is not producing and has been put on standby. Boggs has done some preliminary site layout for a new well in the same park. He thought locating a well in the park would eliminate the need for new water main, land purchase, and possible chemical feed because the water could be sent back through the existing raw water main to the water treatment facility.
13. The City has been doing some sidewalk reconstruction and feels that the majority of it is being handled by private citizens. The City has been handling installation of ADA ramps with truncated domes.
14. There is a wagon underpass on 1st St. W (Old Lincoln Highway) which is structurally deficient. The City is concerned that it may collapse if nothing is done. The farmer who owns the land still uses the underpass and would like it to be repaired so that he can continue to use it. The City has expressed interest in filling in the underpass to ensure the road's safe use, but they are not opposed to fixing the underpass if the repairs are not cost prohibitive.
15. There is a sinkhole in the parking lot of the new fire station. City is not sure what is causing it and has had a contractor in to repair it once. Boggs had a rain garden installed in the area, but is unsure what is causing the ground to sink.
16. The City requested that V&K provide their proposal materials and a summary of work activities already in progress for inclusion in council packets. This information needs to be provided by the morning of Thursday, October 30. The Council will meet on Monday, November 3 and Beimer requested that Schechinger and/or Linebaugh be present at the meeting for introduction to Council. Linebaugh indicated this would not be an issue and that someone would be present.
17. There has been discussion about creating a Quiet Zone near the railroad line north of 8th Street. The Union Pacific operates the line and it has substantial traffic. Citizens have been taking the lead on this, and City's primary concern is cost.
18. City is concerned about the sanitary sewer that runs behind City Hall and Shepley's along 2nd St NW. It is a 5" line that extends into the old middle school. Since the middle school is no longer in use, the City is considering re-routing of the sewer and enlarging to a standard size.
19. The City is also interested in a street prioritization program similar to the program V&K has developed for Independence. Schechinger indicated that V&K could prepare something by inspecting and classifying current streets which would allow the City to target repairs.

20. Wastewater plant is anticipating receiving its draft NPDES permit soon. Schechinger indicated that V&K would like to review the draft as soon as it is received to provide comment and offer our opinion as to testing requirements. Alex Volkov is the water and wastewater treatment facility operator. City knows that it will be required to add disinfection under the new permit.
21. The City is interested in having its utility atlases updated. Schechinger indicated this could be done.

Meeting was adjourned at approximately 11:00 A.M. Boggs, Schechinger, and Linebaugh continued on a tour of the project areas mentioned above. The tour continued until approximately 1:25 P.M. Boggs was asked to provide utility maps as well as project budgets.

END



Dave Schechinger, P.E. City Engineer

Speciality and Job Title	Municipal Engineering, Coralville Office Manager
Years of Experience	17
Academic Degrees	Bachelor of Science, Civil Engineering, University of Iowa
Professional Registration	Professional Engineer, Civil Engineering - Iowa

Emily Linebaugh, P.E. Assistant City Engineer

Speciality and Job Title	Municipal Engineering, Professional Engineer
Years of Experience	10
Academic Degrees	Bachelor of Science, Civil Engineering, Iowa State University Master of Science, Environmental Engineering, University of Iowa
Professional Registration	Professional Engineer, Civil Engineering - Iowa

The following is a listing of services Veenstra & Kimm, Inc. provides to our clients in Iowa, Illinois, Nebraska, and Missouri.

- ◇ City Engineering - General
- ◇ City Engineering - Special
- ◇ CIP Planning
- ◇ Transportation/Iowa DOT
- ◇ Sanitary Sewers
- ◇ Wastewater Treatment
- ◇ Sanitary Sewer Investigation
- ◇ Water Distribution System and Storage
- ◇ Water Supply and Treatment
- ◇ Street and Road Design
- ◇ Traffic Planning and Analysis
- ◇ Storm Drainage
- ◇ Stormwater Management
- ◇ Environmental Consultation
- ◇ Environmental and Urban Planning
- ◇ Comprehensive and Land Use Planning
- ◇ Landscaping and Streetscaping Design
- ◇ Site Evaluation and Analysis
- ◇ Electrical Engineering
- ◇ Mechanical Engineering
- ◇ Structural Engineering
- ◇ Financial Planning and Assistance

Veenstra & Kimm, Inc.'s eastern Iowa office has served in the capacity of City Engineer for various communities in Iowa.

- ◇ City of Bennett
- ◇ City of Lisbon
- ◇ City of Marengo
- ◇ City of Shueyville
- ◇ City of Solon
- ◇ City of Washington
- ◇ City of West Branch
- ◇ City of West Liberty



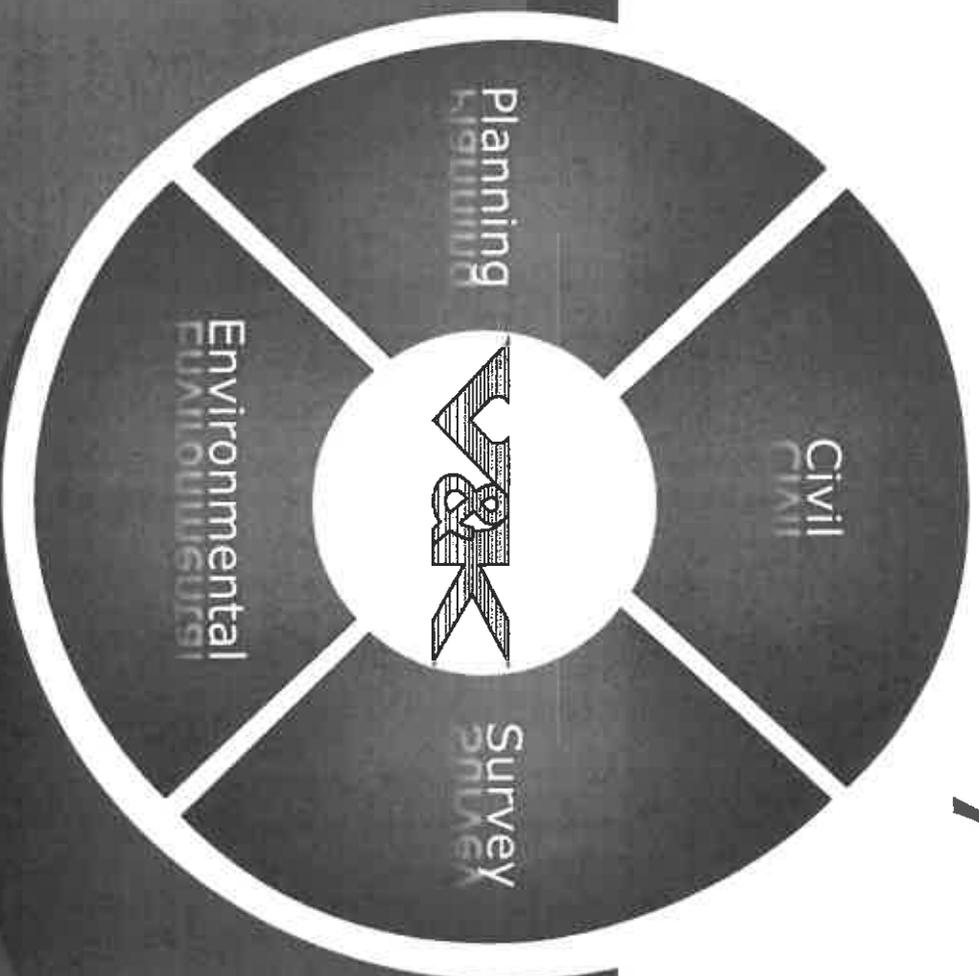
Funding Assistance

Type	City			
SRTS, STP, Enhancements, TSF, USTEP, RISE, ICAAP	◇	Grinnell	◇	Indianola
	◇	Lisbon	◇	Windsor Heights
	◇	Sergeant Bluff	◇	Stuart
	◇	Van Meter	◇	Dallas Center
FEMA	◇	Storm Lake		
	◇	Harlan		
	◇	Ottumwa		
	◇	Burlington		
SRF	◇	Des Moines	◇	Monona
	◇	Prairie City	◇	Creston
	◇	Indianola	◇	Granger
	◇	Windsor Heights	◇	Dallas Center
	◇	Stuart	◇	West Des Moines
	◇	Mitchellville	◇	Johnston
	◇	Sioux City	◇	Elkhart
	◇	Garner		
USDA	◇	Sheldahl	◇	Joice
	◇	Rowan	◇	Alexander*
	◇	Elma	◇	Bristow*
	◇	Carpenter		
	◇	Lone Rock		
				*Pending final approval
CDBG	◇	Garner	◇	Ottumwa
	◇	Osceola	◇	Woodward
	◇	Keokuk	◇	Sheldahl
	◇	Mingo	◇	Perry
	◇	Creston	◇	Rockwell City
	◇	Colo	◇	Mitchellville
	◇	Stuart		
ARRA	◇	Indianola	◇	Stuart
	◇	Creston	◇	Garner
	◇	Grinnell	◇	Knoxville
	◇	Sergeant Bluff	◇	Windsor Heights
I-Jobs	◇	Prairie City		
	◇	Creston		
EPA Stag	◇	Carroll		
	◇	Storm Lake		



- ◇ V&K assigns our most experienced staff to these assignments.
- ◇ We do not charge our clients for evening meetings.
- ◇ We develop a level of trust and understanding that V&K has maintained for 50 years.
- ◇ We do not charge for routine telephone conversations; we encourage communication.
- ◇ We do not charge for professional staff's travel time.

City Engineerings



Veenstra & Kimm, Inc.

City of Mount Vernon

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Veenstra & Kimm, Inc.



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Introductions

Veenstra & Kimm, Inc.



Dave Schechinger, P.E.

- Coralville Office Manager
- City Engineer

Emily Linebaugh, P.E.

- Water/Wastewater Engineer
- Assistant City Engineer

Leland Belding, P.E.

- Traffic Engineer



City Engineering Approach

Veenstra & Kimm, Inc.



Approach

- Engineer/Assistant Engineer
- Develop relationship with City
- Flexible approach to product delivery
- Do not bill time or mileage for attendance at council meetings
- Provide cost effective services to City

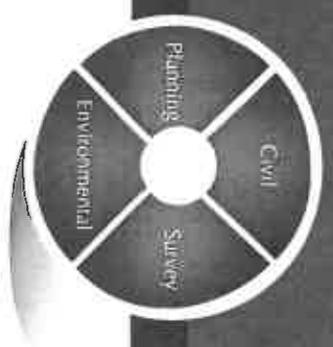
Services

- CIP planning
- Water/Wastewater/Stormwater
- Transportation/Iowa DOT
- Streetscape/Landscaping
- Urban & Land use planning
- Structural
- Electrical



Firm Profile

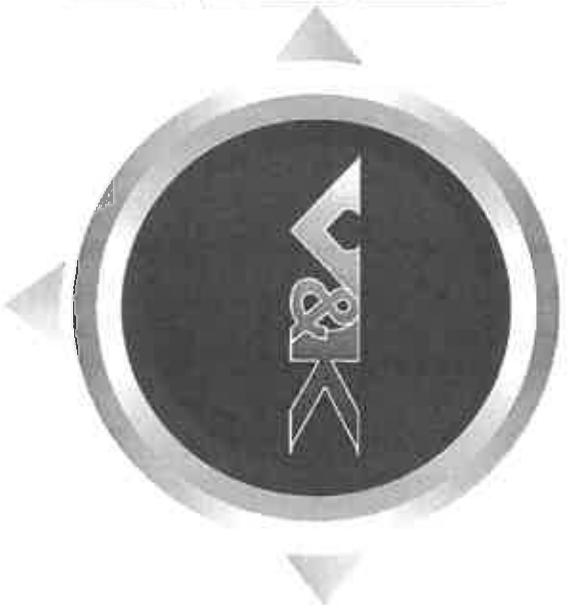
Veenstra & Kimm, Inc.



over 50 years
of experience

comprehensive
engineering services

130 employees



municipal
engineering

tailored approach

understanding
community needs

Long-term Relationships



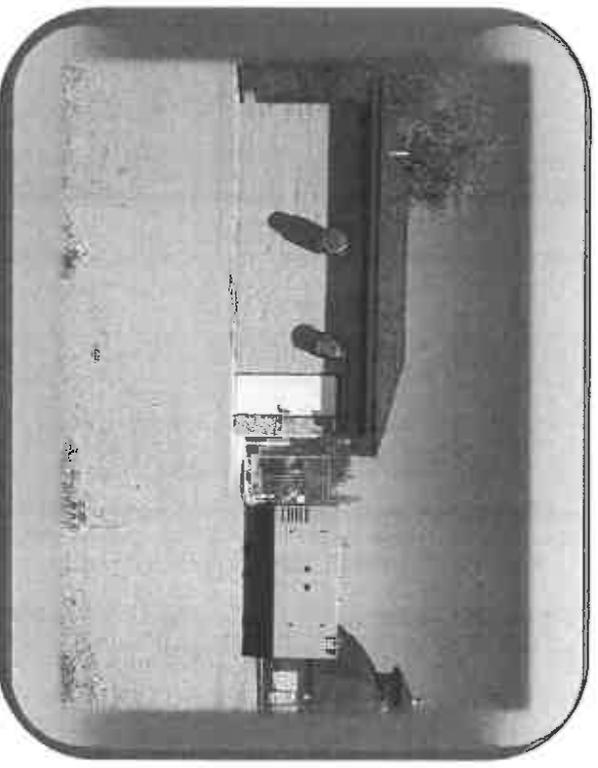
Projects

Veenstra & Kimm, Inc.

Solon, Iowa



Highway 1 Turn Lane Improvements



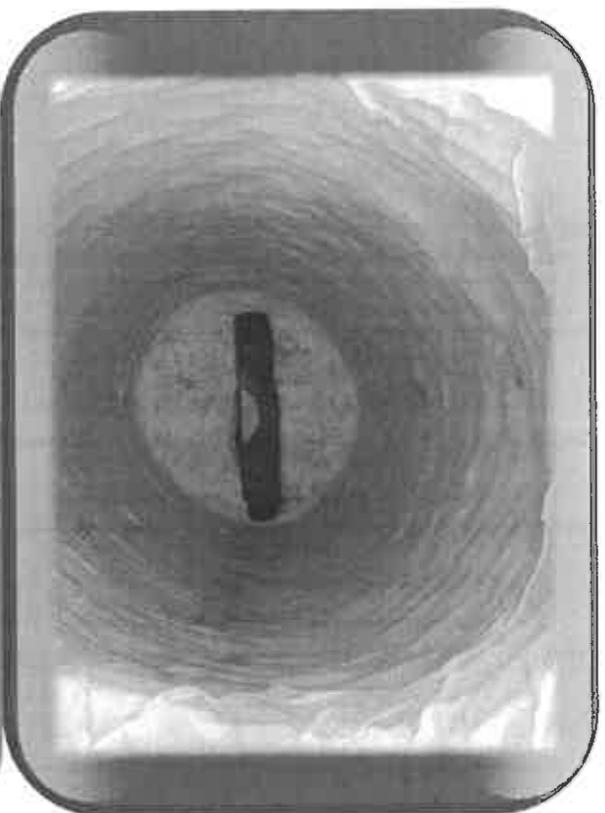
Well 4 & Chemical Feed Building



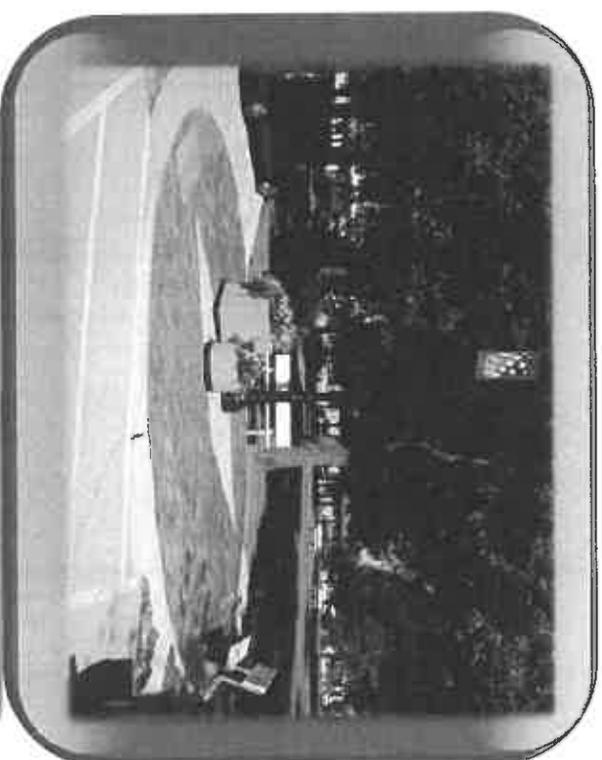
Projects

Veenstra & Kimm, Inc.

Marengo, Iowa



Sanitary Sewer Rehabilitation



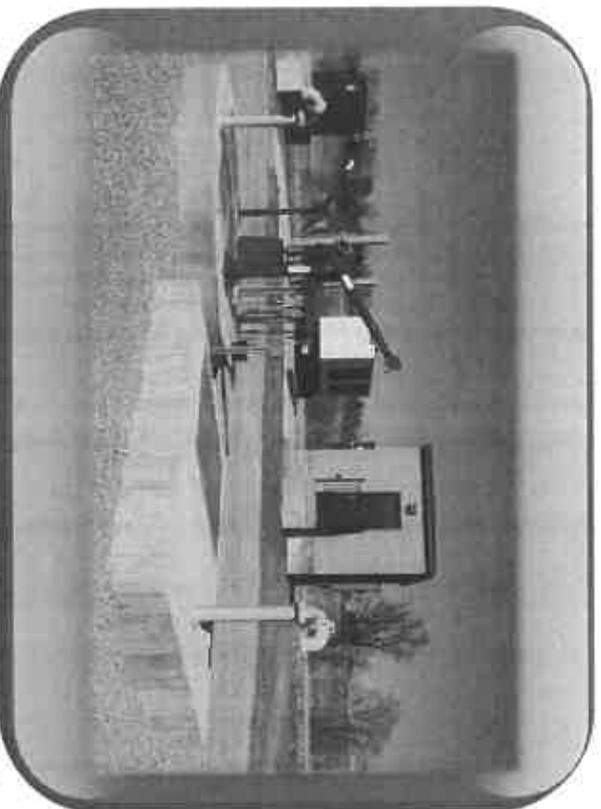
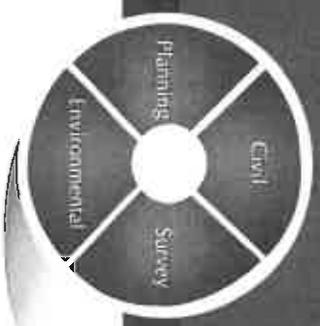
Downtown Streetscape



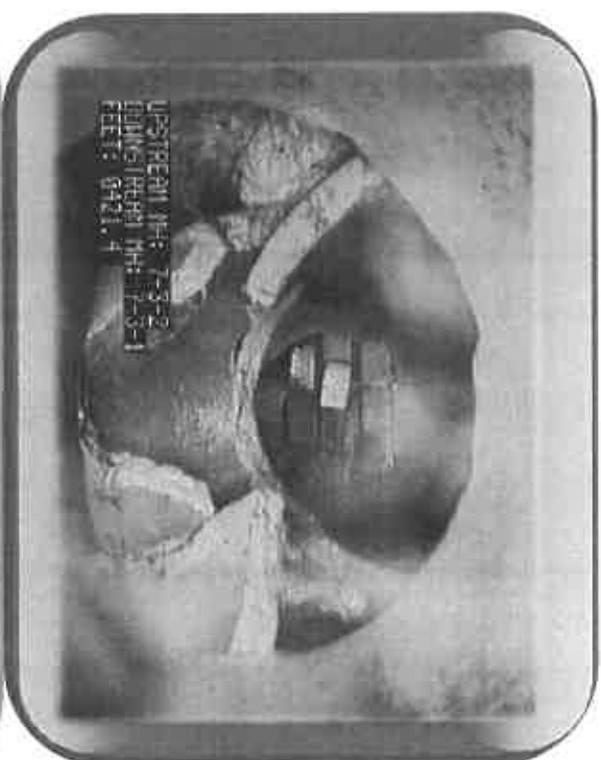
Projects

Veenstra & Kimm, Inc.

West Branch, Iowa



Lift Station & Force Main



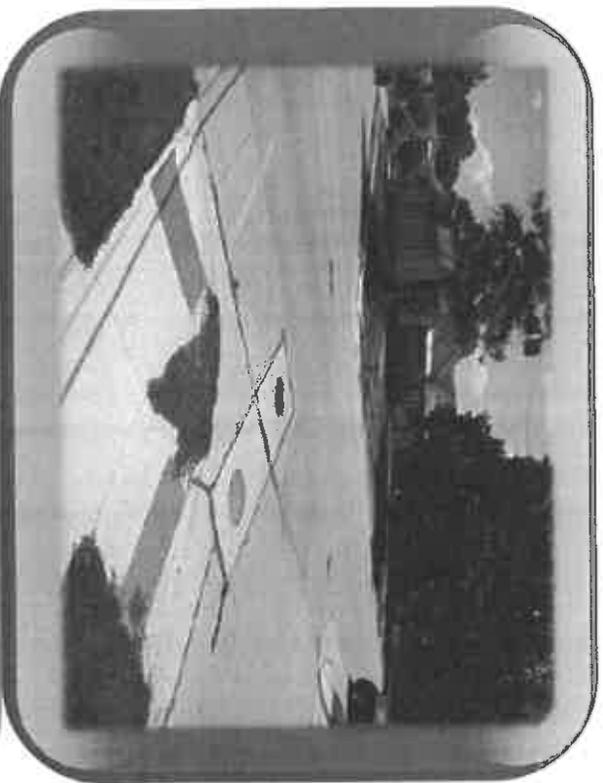
Sanitary Sewer Rehabilitation



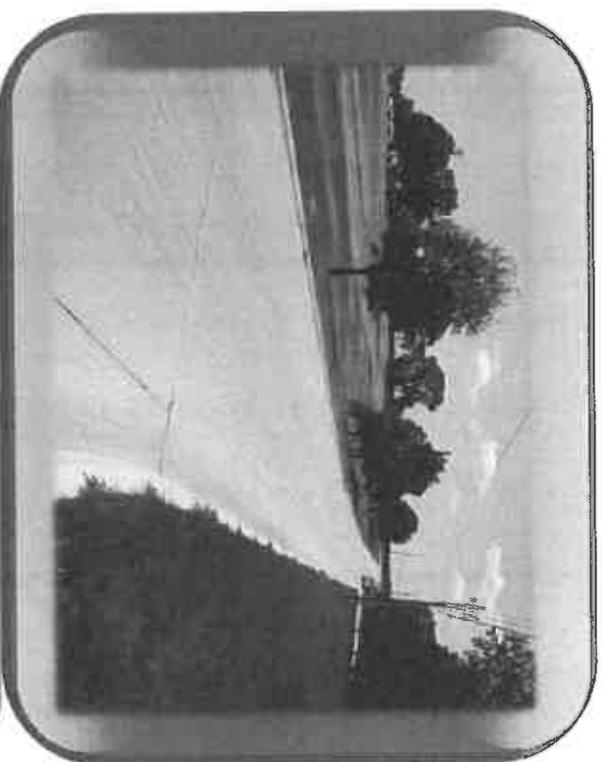
Projects

Veenstra & Kimm, Inc.

Washington, Iowa

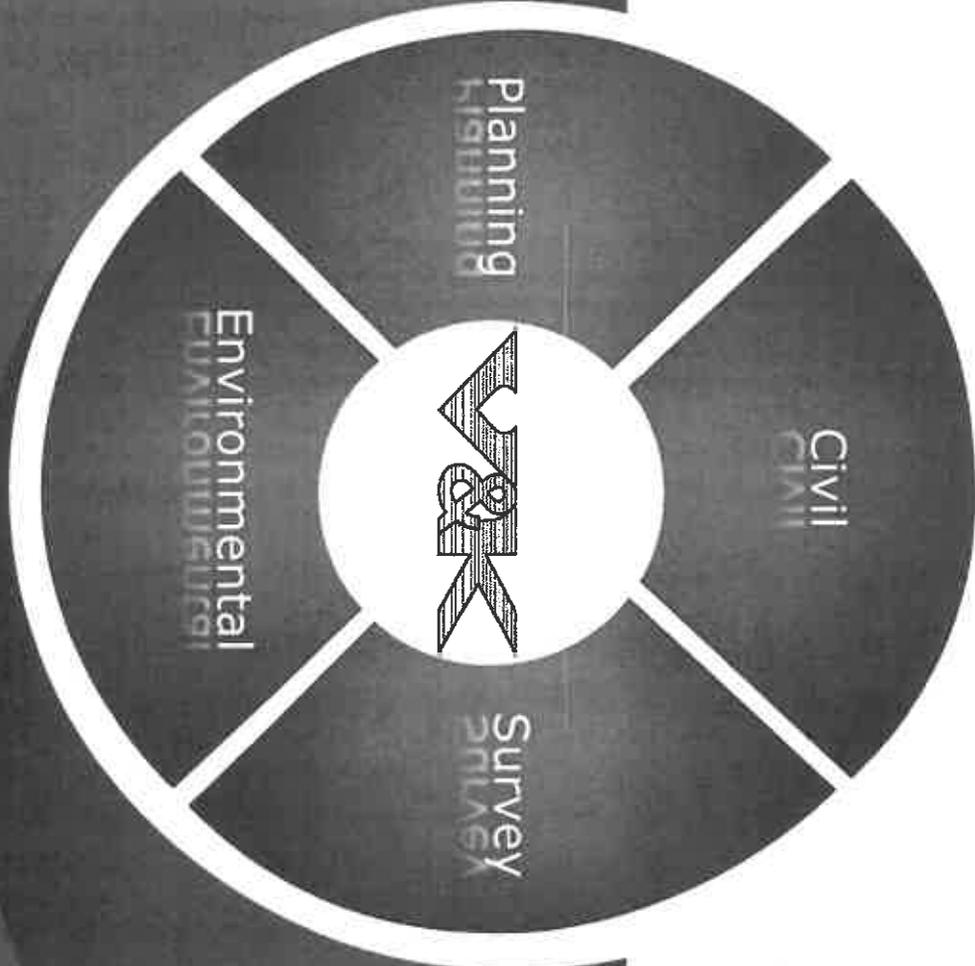


Iowa Avenue Curb Ramps



W. Tyler Street Reconstruction





Thank You !

Veenstra & Kimm, Inc.