

Shaping the Horizon

October 2013

Keeping up with Waverly



16th Street SW and Middle School Intersection



Brookside Park Trail Extension



Water Tower Painting

Waverly is a vibrant and growing community spanning the Cedar River in northeast Iowa. As a consultant to the City, WHKS is providing full service transportation and municipal engineering on various projects, including planning, design, and construction engineering services for street and utility improvements, water and wastewater services, stormwater management, parks and recreation trails, structural and site design. Following are examples of past projects completed for the City of Waverly:

Dry Run Creek Improvements Study

Study of channel improvements with objectives to increase the hydraulic capacity of the channel, maintain the 100-year flood event within the channel banks, reduce flood insurance rates and requirements for the surrounding neighborhood, and identify opportunities for enhancements along the corridor. WHKS services include:

- Conceptual design and report preparation
- Neighborhood and community meetings
- Funding analysis and applications

Bridge Inspections

Biannual Bridge Inspection program that evaluates each City bridge according to Federal guidelines and requirements. WHKS services include:

- Bridge inspection
- Rating and maintenance plans
- Electronic submittal to State of Iowa

6th Ave./Ridgewood Lift Station Improvements

Lift station replacement. This project incorporated pipe bursting force main installation to minimize street disturbance and meet stringent floodplain requirements during construction. WHKS services included:

- Pump and piping design
- Construction administration and observation

2nd Avenue SW Reconstruction

Federally-funded street reconstruction project including water main construction and ADA compliance for pedestrian access. WHKS services included:

- Survey, Design, and Construction Plans
- Coordination with Iowa DOT, public and private utilities, and Canadian Pacific Railroad

Brookside Park Trail Extension to Soccer Fields

A 1-mile trail extension on new alignment from Brookside Park to the Waverly Soccer fields. WHKS services included:

- Survey, Design, and Construction Plans

Water Modeling and Distribution

Development of a GIS-based water distribution model used for a number of purposes, including an evaluation of the existing supply and storage capacity and an evaluation of fire flow availability.

- System analysis and model development
- Multi-zoned network served by multiple wells and elevated storage tanks

To find out how WHKS can assist your community, please contact any of our office locations.