

Shaping the Horizon

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New Look, Same Commitment to "Shaping the Horizon"

The word "shape" can be used as either a noun or a verb. And whether we are planning, designing or helping construct a project, our vision, "To help our clients shape their horizons", keeps us focused on understanding and meeting our clients' needs and expectations.

The WHKS Board of Directors participated in a series of Strategic Planning work sessions to identify and establish the firm's vision, core values, and goals. One of the first Strategic Plan initiatives completed by WHKS was the development of a new corporate identity.

The most visible component of the corporate identity process is the new logo, which is uniquely tailored to reflect the history and mission of WHKS. The new logo continues the tradition of using the initials of the firm's founders and incorporates the shape of an arc to symbolize the horizon.

"The look may be new, but WHKS remains committed to the vision, values, and purpose that have maintained and grown our company since 1948," said Fouad Daoud, WHKS President and CEO.

The new logo has been fully implemented companywide and has been applied to the firm's standard documents, signage, and the website.

WHKS VISION

To help our clients shape their horizons.

OUR VALUES

- Listen
- Be of Service
- Be Practical
- Innovate
- Communicate

OUR PURPOSE

To provide consulting services that benefit our clients, sustain the environment, and create value.

City of Mason City, Iowa Completes Sanitary Sewer Project



Infiltration leaks into a trunk line sanitary sewer pipe in imminent risk of collapse near Cheslea Creek, Mason City, Iowa. This pipe and other similar pipes were repaired during the project.

The City of Mason City recently completed a major City-wide investment in its infrastructure by completing over \$4.5 million dollars of repairs to the sanitary sewer system to reduce Infiltration and Inflow (I/I). WHKS assisted the City with applying for and obtaining a Community Development Disaster Recovery Block Grant. This grant was based on the work completed in the City's 5-year program to identify, quantify, and reduce I/I into the sanitary sewer collection system, a program for which the WHKS Team provided field investigations and design services.

The project removed the highest-risk defects that had been identified during the I/I Investigation, focusing on critical pipes near rivers, major roads, trunklines, and pipes in imminent risk of failure. The project will have alleviated a number of root intrusion and maintenance issues that had been caused by pipe defects and will have a noticeable impact on removing I/I from the system.

The sanitary sewer improvement project repaired or replaced nearly a mile of pipe and rehabilitated another seven miles of pipe by cured-in-place lining. Trenchless rehabilitation techniques were successfully used to complete a majority of the rehabilitation work, which reduced interruptions to citizens and allowed more repairs to be completed within the budget. Additionally, the project replaced 22 and rehabilitated 118 manholes.

New Pedestrian Bridge Replacement in Wanamingo, Minnesota

Severe flooding in October 2010 in Wanamingo, Minnesota destroyed a 30-year old pedestrian bridge over the Zumbro River. The bridge connected a walking trail to the City's 40-acre Nature Park. WHKS, working on behalf of the City, coordinated with the Federal Emergency Management Agency (FEMA) regarding funding options for repairing or replacing the structure.



WHKS coordinated with FEMA regarding funding options for the Wanamingo Pedestrian Bridge Replacement.

When it was determined that the structure could not be repaired, WHKS prepared construction plans and specifications for the replacement of a 90-foot single span, 5-foot wide, prefabricated steel truss bridge with a timber boardwalk approach.

In addition to communicating with FEMA, WHKS coordinated with the US Army Corps of Engineers, the Minnesota Department of Natural Resources, and the local Soil and Water Conservation District during all phases of the project.

The project was financed with FEMA funding. Construction began in Fall 2011 and was completed in Spring 2012.

Representative Projects Currently Underway

Wastewater Pretreatment Improvements
City of Hayfield, Minnesota

**Construction Services for US 51/161
Entrance Road Improvements at
Dubuque Regional Airport**
Crawford, Murphy & Tilly, Inc.

Safe Routes to School Project
City of Eyota, Minnesota

**I-29 Southbound Lane Bridges over
Mosquito Creek, Pottawattamie County, Iowa**
Iowa Department of Transportation

**Construction Engineering Services for the
Reconstruction of TR 216 in Stonington, Illinois**
Christian County, Illinois

**Site/Civil Services for Hempstead High School
Improvements, Dubuque, Iowa**
FEH Associates

Sanitary Sewer Lift Station
City of Waverly, Iowa

Sheet Pile Abutment Study for Local Bridge Unit
Illinois Department of Transportation Bureau of
Bridges and Structures

2013 Bridge Projects
Greene County, Iowa

*For additional information on any WHKS
projects, please contact our offices.*