

SANITARY,  
STORM AND  
WATER UTILITIES



We understand the best laid development plans for any successful community rest on the plans and implementation for infrastructure. KZF has decades of working experience on projects responsible for the betterment of the environment and communities using them.

Services

- Water main design
- Storm sewer design
- Sanitary sewer design
- Grading and drainage
- Detention and retention
- Stormwater management
- Utility relocation
- Utility coordination
- Site development plans



Elsinore Water Main

## **Bergen/Belfast Owensville Water Main Design**

*Client: Clermont County Water Resources*

KZF provided civil engineering services for the \$2.15M extension of 21,300 LF of 16" DIP water main along Bergen/Belfast-Owensville Roads, including one concrete encased creek crossing and one "jack-n-bore" creek crossing.

## **HAM 22/3 Parts 1, 2, 3, & 4, Montgomery Rd Water Main Relocation**

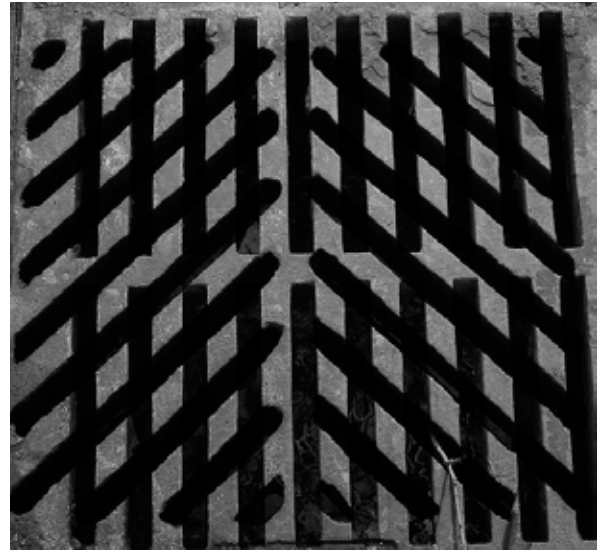
*Client: Greater Cincinnati Water Works*

KZF provided civil engineering services for water main adjustments and relocations, including design of 8,730 LF of new concrete 42" water main in conjunction with the HAM 22/3 widening project. Additional parts were added amounting to 17,200 LF of new 8", 12", 16", 24", 30", and 42" water main.

## **Stonelick-Williams Corner Transmission Water Main Extension**

*Client: Clermont County Water Resources*

KZF provided engineering services to design 24,300 LF of 24" ductal iron water main including seven concrete encased creek crossings along Stonelick-Williams Corner Road between US50 and SR132.



*Our Transportation & Municipal Group provides expertise in designing water mains and sanitary sewer systems.*

### **Henry L. Fedders, Jr., PE**

#### **Director, Transportation & Municipal Group**

Hank Fedders is responsible for all aspects of the group's operations, including project management, project engineering and marketing. He has over 43 years of experience in project types such as highway design, site grading, site feasibility studies, drainage design, utility engineering, master planning, riverfront improvements, streetscapes and parks, water supply, and sanitary and storm sewer relocations. He has served as the City Engineer Representative to the Cities of Edgewood and Bellevue in Kentucky for the past 22 years.

### **Ryan Fortner, EI**

#### **Civil Designer**

Ryan has been Lead Design Engineer for several City, County and ODOT projects focusing on the design of both new water main and storm sewers and relocation of existing water mains and storm sewers.