

Contract No. 2 – Hinkston Creek Trunk Sewer

project description | sanitary sewer

location

Mt. Sterling, Kentucky

client

Mt. Sterling Water and Sewer System

completion date

2003



Preparation of construction documents, bidding and construction services for the installation of approximately 19,100 linear feet of 10" through 42" gravity sanitary sewers, 590 linear feet of 42" through 54" bore and jack encasement pipe, stream bank restoration, and related work to eliminate an existing wastewater treatment plant and a pump station, and redirect flow to a new wastewater treatment plant (Contract No. 1). This project was funded by KIA funds.

project components

- Field surveys of the project corridor, combined with photogrammetric mapping.
- A preliminary design report to evaluate different alternatives, including pipe materials. A-2000 Corrugated PVC gravity sewers were selected due to depths up to 20 feet and local soil conditions.
- Sanitary sewer computations to size gravity sewers including future population and land development projections.
- Preparation of plan and profile sheets for gravity sewers.
- Designs of connections to sewers upstream of the gravity trunk sewer and the largest pump station in the system to be taken out of service.
- Boring and jacking of the sewer pipe under state highways and Interstate 64.
- Provisions for future sewer connections to the new trunk sewer.
- Easement descriptions and assistance to MSWSS's attorney in acquiring easements.
- Coordination with MSWSS, the Division of Water, and the Kentucky Department of Highways for reviews, permits, and approvals.
- Preparation of bid documents and cost estimates.
- Bidding services.
- Contract Administration and Resident Representation during construction.