

**Ogles Creek / Richmond Drive Drainage, Sewer, and Roadway Improvements  
Fairview Heights, Illinois**

*Prime Civil Engineering and Surveying Firm*

Project services included performing analyses, design, and preparing improvement plans and permits for the construction of the Ogles Creek / Richmond Drive Erosion and Sewer Mitigation.

The creek is immediately downstream from a large commercial district and shopping mall. Deterioration of the creek had occurred over time resulting in frequent flooding, erosion of the channel, and exposed sanitary sewers.

The resultant design was a new trapezoidal creek channelization combined with roadway and utility improvements to Richmond Drive, including a new bridge over Ogles Creek and sanitary sewer relocation.

**Client:**

City of Fairview Heights  
10025 Bunkum Road  
Fairview Heights, IL 62208  
Phone: 618.489.2020

**Engineering Services Provided:**

- Hydrologic and hydraulic analyses of the watershed and Ogles Creek
- Sanitary and Storm Sewer Modeling
- Improvement plans and specifications preparation
- Value Engineering and Bidding Documents
- Municipal permitting
- Illinois Environmental Protection Agency grading, sewer, and water permitting
- IDNR-OWR Floodway permitting
- U.S. Army Corps of Engineers 404 permitting
- Construction observation and staking

**Coordinated with Multi-Phase Project:**

- Richmond Drive Sewer Mitigation
- Richmond Drive Roadway
- Richmond Drive Culvert / Bridge
- Hampton Avenue Culvert / Bridge
- Mt. Vernon Drive Culvert / Bridge
- Ogles Creek Channel Erosion
- Orlando Regional Detention Basin

