

Grand Glaize Maintenance Facility Complex

Metropolitan St. Louis Sewer District

Location

St. Louis County, Missouri

Construction Completion

2003

Construction Cost

\$5 million

Area

350,000 square feet

DMA Services Provided

Architecture
Structural Engineering
Civil Engineering
Surveying Services



This project was a multi-building maintenance and repair complex, divided into a series of buildings housing various functions. Additionally, the facility was networked into MSD's, WAN security, and communication system. The facilities include:

- Construction Office Building: Design work included the design and development of a 14,000 square-foot office building to house offices for supervisors, foremen, managers, conference rooms, shower/locker rooms, restrooms, general office areas, maintenance storage and control.
- Storage Building # 1: Design and development of a 900 square-foot storage building for light duty maintenance and propane/small engine repair shop.
- Storage Building # 2: Design and development of a 4,000 square-foot drive through storage barn. Barn included fueling station, vehicular and forklift accessibility. Adjacent to the barn was a yard storage area, gravel and sand storage, and employee parking.
- Maintenance Shop: Design and development of a 15,000 square-foot maintenance shop. The building includes three superintendent offices, 4,000 square-foot maintenance shop with an overhead bridge crane, and a complete storage mezzanine. Additionally, 3,000 square-feet was allocated to the maintenance shop parts storage. The facility also has accommodations for toilet/shower areas in men and women's locker rooms, conference/lunchroom, library area and a data processing area.

DMA provided full service for this project from site surveying development, to Architectural and Structural design.

