

Forest Park Master Plan Implementation

City of St. Louis Parks & Recreation

Location

St. Louis, Missouri

Completion

2004

Construction Cost

\$86 million

Area

1,300 acres

DMA Services Provided

Architecture

Civil Engineering

Structural Engineering

Surveying Services



David Mason & Associates was the prime design consultant for the City of St. Louis' Implementation of the Forest Park Master Plan. Forest Park is one of St. Louis' most unique and treasured resources. This 1,300-acre park lies within easy access of most of the region's citizens and has neighborhood, citywide, and regional significance. Approximately ten million people use the park each year to visit the region's major cultural institutions, participate in recreational pursuits, attend special events or enjoy a respite from urban life. The Forest Park Master Plan included the design and construction of \$86 million of public improvements to rehabilitate the Park's infrastructure in order to provide enhancements to the park's natural and built systems.

One of the most significant projects included the design and construction of a Linear Connected Water System. The Linear Connected Water System forms a central spine in Forest Park, which is crossed at numerous locations by pedestrian and vehicular bridges. As a result, DMA has designed numerous bridge types including cast-in-place concrete, pre-stressed/pre-cast concrete bridges, and natural stone bridges. All bridge designs included architectural, structural and hydraulic analysis.

Other projects in the Master Plan included landscaping and reforestation, active recreation fields and facilities, grading and drainage, and utility improvements. David Mason & Associates provided civil, structural, architectural, landscape architecture, and land surveying services on these projects, as well as coordinating and supervising the design of numerous subconsultants.

