

WATERSHED PARK – IL STATE FAIRGROUNDS SPRINGFIELD, ILLINOIS



CHALLENGE

The Illinois Department of Agriculture required a “hands on” teaching tool for the public to understand the elements of a watershed. A fast-track design and construction period was required.

HLR worked along side a graphic designer in the presentation and design to provide a life-size teaching tool of the watershed in a park like setting. All civil and structural engineering design and detailing was completed in a timely fashion to coincide with the National Rodeo Finals being held at the Illinois State Fairgrounds.

RESULTS

The project was completed on time and ready for the public in July 2001. The facility is utilized to educate the public through direct contact and via school field trips.

SOLUTION

HLR served as the civil/structural engineering firm designing all aspects and intricacies of the park.

This project included a working meandering stream, a pump house, several timber shelters, timber bridges, modular masonry retaining walls, meandering sidewalks, a tiered amphitheatre and signage kiosks.

HLR also contributed to the project by providing, on a pro-bono basis, periodic on-site observations to consult with the Illinois Department of Agriculture’s on-site field observer to answer related questions and address construction issues.

Project highlights:

- Fast-Track Design
- Meandering Stream
- Timber Retaining Walls
- Amphitheatre
- Shelters
- Bridges
- Modular Masonry Retaining Walls



CONSTRUCTION BUDGET \$580,000

WATERSHED PARK – SPRINGFIELD, IL