

# Lake County Fairgrounds

Grayslake, IL



## Client

Lake County Fair Association

## Scope of Services

Site Investigation

Land Planning

Entitlement Assistance

Preliminary and Final  
Engineering

Surveying

Base Flood Elevation Study

Landscape Design

Stormwater Management Design

Water Distribution Design

Sanitary Sewer Collection  
Design

Roadway Improvements

Construction Staking

NPDES Monitoring

Lake County DECI Services

Permitting Assistance

Agency Coordination

## Project Duration

2007-Present



Renderings Provided by Daniel Robison Architects

The new location for the Lake County Fairgrounds was recently developed on 156 acres of land at the intersection of Midlothian and Peterson Roads in Grayslake, Illinois. Services provided for this project include site grading, stormwater management, water distribution and sanitary sewer collection design, roadway improvements, landscape design, construction staking, surveying, NPDES Monitoring, Lake County DECI services, and permitting through multiple local and State agencies.

The site plan incorporates 16 buildings, 2 arenas, vendor parking, over 3,000 parking spaces for fair patrons, and 16 full-service RV parking stalls. This created unique design challenges for the underground utility layout as well as stormwater management. Additionally, offsite roadway coordination with Lake County Division of Transportation was required for the extension of Midlothian Road. Manhard Consulting delivered efficient engineering solutions in all aspects of the development of Lake County Fairgrounds.

In conjunction with the stormwater management facilities, the site plan includes over 65 acre-ft of detention and compensatory storage. Integrating this storage volume into the site plan provides both the runoff attenuation and filtration required, while also maintaining the existing site runoff. Coordination and approval of this design was required through the Village of Grayslake and The Lake County Stormwater Management Commission.

Throughout construction Manhard Consulting continues to provide excellent service by performing construction staking and layout, NPDES Monitoring, and Lake County DECI Observations.



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