

OVERVIEW: Oak Meadows Golf Course Streambank Restoration

In 1986, the Forest Preserve District of DuPage County acquired historic Oak Meadows golf course. By the Mid-1990's erosion and flooding problems on the major stream running through Oak Meadows, Salt Creek, spurred the District to look for solutions.

In 2000 Christopher B. Burke Engineering, Ltd. looked into the use of A-Jacks concrete armor units for toe stabilization and soil bioengineering above the A-Jacks. The District desired a vegetative look with minimal maintenance and construction damage to the course itself. Quite possibly the most difficult problem when selecting an effective erosion control solution for a golf course is how to fix the affected area without further damage to the existing course. Another major concern was inhibiting the flow of the floodwaters that frequently raged through the course. **A-Jacks proved to be a solution to all of these problems.** Agencies involved in this project included the DuPage County Department of Environmental Concerns, Division of Stormwater Management, U.S. Army Corps of Engineers and the Illinois Department of Natural Resources.

Construction on Oak Meadows began in earnest in early October of 2002. Over 6600 linear feet of streambank was largely stabilized with A-Jacks and soil bioengineering by December of 2002. In the spring of 2003 the area was hit with major flooding. Once the floodwaters subsided, vegetation followed a few months later.



PRODUCT: A-JACKS 24"
Concrete Armor Units

AMOUNT: 26,000 Units

DATE: Fall 2002

OWNER: DuPage County Forest Preserve
Attn. Larry Gary, Director of Golf

ENGINEER: Christopher B. Burke Eng., Ltd.
Rosemont, IL
Attn. Mike Stirk, Jason Souden,
Mike Kerr

CONTRACTOR: Landscape Resources, Inc.
Montgomery, IL
Attn: Brian Baumgartner

SUBMITTED BY: Doug Buch

DATE: December 2003

