

Benson Park Shoreline Stabilization Case Study



The Midwest's Most Trusted Site Solutions Provider

Project: Omaha Benson Park Lake

Location: 72nd & Military Ave.

Omaha, Nebraska

Application/Solution: Shoreline stabilization

Market Sector: Municipal

Salesperson: Brian Williams

Owner: City of Omaha Parks & Rec

Designer: John Williams

Contractor: Omaha Parks & Rec

Installed: September 2014

case study



case study

Challenge

The major challenge was to provide park users with shoreline access, protect the shoreline against erosive wave action and geese activity, permitting maintenance right up to the water's edge all while allowing vegetative growth. Riprap, permanent turf reinforcement mats (TRM's) and Flexamat were looked at as options.



1 Sycamore tree erosion.

Solutions

The City of Omaha Parks & Recreation department has a very limited budget for maintenance work and wanted something permanent to protect this small lake's south eastern shoreline and a product that they could install themselves. Rip rap could have been used but is not park-user friendly. TRM's are permanent but would not be able to handle foot traffic. Flexamat with an excelsior backing met all the criteria and comes in rolls allowing for efficient installation.



2 Shoreline before installation.

Results

All of the challenges have been met. With the onsite assistance of ASP Enterprise's Omaha team the 12 rolls of 8' x 41' Flexamat were delivered and installed in less than 2 days. There will be an on-going dispute between the maintenance people that want maintainable vegetation right up to the water's edge and those that believe an un-vegetated delineation along the lake's edge looks the best. Asked what he thought, John Williams said "The post installation appearance is very clean looking, much better than rip-rap. I plan to use it more and can hopefully introduce it on some of our golf course ponds."



3 Setting full rolls.



Products

Manufacturers included in solutions and product:

Product:
Flexamat

Manufacturer:
Motz Enterprises



4 Rolling out mats.



5 First day installation results.



6 Bald Cypress Trees protected.



7 Sycamore tree protected.

Company Information

ASP Enterprises, Inc. and Quick Supply Co. For more than three decades, A.S.P. Enterprises and Quick Supply Co. has served the erosion control industry with integrity and expertise. We provide engineers and landscape contractors the exceptional value for their money and have grown to become the Midwest's full-line distributor of erosion-control, geosynthetics, storm water management products, wall block, landscape pavers, and drainage products.

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