



**US Army Corps
of Engineers**

Rosewood Beach, Highland Park, IL

Great Lakes Fishery & Ecosystem Restoration

Nearshore Health & Nonpoint Source Focus Area

Project Location: The Rosewood Beach restoration area is located in northeast Illinois in Lake County. This restoration site is located on the shore of Lake Michigan, approximately 25 miles north of Chicago in the town of Highland Park, Ill.

Project Description: The restoration design would consist of a series of naturalistic offshore protection/habitat islands and peninsulas forming a series of beach cells. Key features: unique naturalistic wave breaks to protect the shoreline from incoming waves, allow for natural shoreline sediment transport, and incorporate areas for emergent native plantings and coastal marshes on their shore-facing sides; ravine restoration to reduce sediment loading to Lake Michigan and to provide unique habitat; day-light ravine mouth with naturally vegetated riffles and pools to filter and aerate storm water; barrier removal to improve fish access to the tributary stream.

Nonfederal Partner: Park District of Highland Park

Project Benefits: This five-acre restoration project will provide a unique shoreline structure that will protect shore and bluff to provide stability for ecosystem restoration and coastal habitat. The result would be a healthier, more diverse and productive coastal zone that would provide environmental, economic and societal benefits to the Great Lakes Region. It is anticipated that the construction of the bioengineered breakwaters will provide significant littoral zone habitat for fishes within a 25-mile radius and enhance reproduction of several native fishes including but not limited to: emerald shiner, longnose sucker, shorthead redhorse, silver redhorse, trout-perch, smallmouth bass, rock bass, yellow perch and walleye. Landward wetland and dune habitat restoration would provide habitat for shorebirds and insects.

Project Status: Project is in feasibility phase and with optimal funding can initiate construction in fall 2013.



Existing Shoreline at Rosewood Beach

Estimated Project Costs	
Federal	\$5,105,000
Nonfederal	\$2,695,000
Total	\$7,800,000

Project Milestones	
Approve feasibility study	Nov 2012
Award construction contract	Aug 2013

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