



## ***Heavy Lift Catamaran Barges***

**Project:**

USACE Olmsted Dam

**Client:**

Washington Group Alberici JV

**Owner:**

U.S. Army Corps of Engineers

**Scope:** Glostén's work includes design, analysis, plans, specifications, and construction support for a heavy lift catamaran barge to pick, lift, and place dam shell segments.



*Pictured is the 5000-ton catamaran lift barge. Due to bridge clearances, final assembly is done on site. In the background, the casting yard, launch ways, and shore side travelling lift for the shells are being constructed. (Washington Group/Alberici Photo)*

### **Project Description:**

Glostén is supporting efforts to construct a 2,700-foot-long concrete dam across the lower Ohio River to replace two older dams. The barge was designed with a 5000 ton lift capacity, and uses a large number of strand jacks to distribute the loads through a lifting frame to the concrete shells.