



Project: Marina Reconstruction
Phase I & II

Client: Bay Bridge Marina
Stevensville, MD

Engineer: Dissen & Juhn Company

HELPING CLIENTS MEET MARKET CHALLENGES

In the highly competitive marina industry, new docks sell slips. To improve their competitiveness and maintain a leadership position in the local marina market, Bay Bridge Marina retained the services of the Dissen & Juhn Company to execute a phased plan to replace their aging, wood-framed floating docks with new, state-of-the-art floating docks. The new dock system features larger slips, and together with upgraded landside amenities, enhances the overall appearance of the marina to suit a more luxury-minded clientele.

PROJECT SCOPE

Through the efforts of the \$12 million renovation and revitalization project Bay Bridge Marina decided to remove and replace the existing 325-slip, 20-year-old floating dock system with a new floating system, featuring full length finger piers and the highest quality Brazilian Ipe wood decking available.

Remarkably both Phases I & II were completed not only in time for the boating season, but for the Bay Bridge Boat Show is the largest spring boat show on the Bay, and for many, kicks off another fun-filled boating season.

During the first phase in the winter of 2009/10, we replaced the fuel dock with new fuel dispensers; pump out, fuel outbuilding and two adjacent docks. Dissen & Juhn was retained to replace several deteriorating floating docks, including the fuel dock. Meeting the tight construction schedule was made more difficult by record snow falls in February and March.

A total of 69 slips were replaced with new, aluminum-framed docks manufactured by Shoremaster, Inc. In total, more than 800 LF of main dock and 3000 LF of fingers were assembled and secured in place with 70, 16" diameter X 50' long steel pipe piles. Utility work consisted of replacing the electric, water, standpipe, and fuel systems. The dock shop was also replaced. Construction management was provided by Applied Technology & Management (ATM), a recognized leader in marina design and development located in Charleston, SC.

Phase II was installed in the winter of 2010/11, not only replacing the existing three docks, but also reconfiguring them to make it easier for boaters to dock by making them longer and wider and adding another dock in parallel with the docks in Phase I.

