

Indian River Marina

Delaware Department of Natural Resources and Environmental Control (DNREC) Delaware Seashore State Park, Delaware

Services Rendered

- Existing Conditions Analysis
- Development of Design Alternatives
- Environmental Investigations
- Economic Feasibility Analysis
- Upland Master Planning
- Shoreline Stabilization Alternatives Evaluation
- Bulkhead and Boat Ramp Design
- Financing Redevelopment through NPO
- Final Design (CDs and DDs)
- Construction Contract Administration

Project Summary

The State of Delaware Department of Natural Resources and Environmental Control (DNREC) selected ATM to provide professional engineering, contract and construction phase services for the complete reconstruction of an existing 306 slip public marina facility (Delaware Seashore State Park). The redevelopment project was designed to correct the severe infrastructure deterioration at the facility.

ATM services included existing conditions analysis, development and analysis of design alternatives, environmental investigations, economic and feasibility analysis and pro forma development. In 2002, DNREC again turned to ATM to lead a multi-discipline team through project completion. Permitting and design of a 274 wet slip and 174 dry storage marina was completed in the summer of 2003.

In addition to the marina and floating dock design, the effort included an evaluation of different methods for stabilizing the marina basin shoreline, dredging and disposal alternatives, and the design of steel sheet pile bulkheads, travel lift piers, and a heavy-duty concrete slab. Environmentally sound drainage infrastructure was incorporated into the marine services area. Planning/redesign of site access, circulation and parking was also completed.

Phase I construction was finished in the winter of 2003-2004. Phase II construction was completed in 2004-2005. The dry storage building was constructed in the winter of 2005-2006.

