



**Project:** Downs Memorial Park Fishing Pier

**Client:** Anne Arundel County Department of Public Works, Annapolis, MD

**Location:** Pasadena, MD

**Engineer/Architect:** Andrews, Miller & Associates, Cambridge, MD

**PROJECT SCOPE**

This pier was built for Anne Arundel County as a key feature of the park and was an immediate hit with the kids. This 337' x 14' ADA accessible timber fishing pier with a 12' x 40' "T" head now stands as an example of the power of persistence as local fishermen fought long and hard to make this project more than a dream. It wasn't until Anne Arundel County Department of Public Works and Dissen & Juhn took the reins did the dream turn into a reality. The project featured a nice mix of heavy duty structural design and detail work including timber benches, fishing stations and stainless steel railings.

With miles-long fetches to the north and southeast, the pier was designed to withstand large, wind-driven waves and loads imposed by drifting ice.

**FEATURES**

- Heavy duty construction with timber batter piles and cross bracing
- 14" dia. Class A timber piles – 35' and 40' long
- 12"x12" pile caps
- 4"x14" stringers
- 3"x8" decking
- Timber curb
- Stainless steel cable railing
- Timber cap board top railing with fishing rod holders and retrieval openings for ease in landing a fish
- Timber benches and bait stations
- Handicap accessible walkway



**CHALLENGES**

The pier was constructed using a barge-mounted crane during the winter months to minimize disruption to on-going park activities. As such, working on the open Bay during the winter, in heavy seas driven by cold north winds, was at times problematic, especially during the pile driving phase of the project when the piles had to be driven with precision. Some days it was just too rough to go out. On other days, winter low tides meant insufficient water depth to progress the work efficiently. Despite these challenges, the pier was completed on time for the spring fishing season.

