



JUNO BEACH RENOURISHMENT PROJECT INFORMATION SHEET

<p>What were the details & design of the 2000/2001 nourishment?</p>	<p>DETAILS: In October 2000, the County received permits to begin the Juno Beach nourishment project. The initial nourishment was constructed between November 2000 and March 2001.</p> <p>DESIGN: <u>Project Limits:</u> DEP monument R-26 (south of the Jupiter Reef Club) to R-38 (Juno Ocean Club) <u>Project Length:</u> 2.4 miles <u>Average Historic Erosion Rate:</u> -7.4 cubic yards/lineal foot/year <u>Fill Volume:</u> 1.0 M cubic yards <u>Berm Elevation:</u> 9 feet NGVD <u>Dry Beach Width:</u> At construction: 281 feet/ At equilibrium: 177 feet <u>Nourishment Interval:</u> 5 years at 70-80% of initial volume <u>New Beach Created:</u> 52 Acres <u>New Dune Created:</u> 30 feet wide; 8 acres total <u>New Vegetation Planted:</u> 280,000 sea oats and other dune plants 30 shade trees</p>
<p>What is the purpose of the renourishment?</p>	<p>Since the completion of the first nourishment in 2001, Juno Beach has been affected by several major hurricane and storm events. These storms have helped contribute to the continued erosion along the Juno Beach shoreline. In addition, nourished beaches generally have a life of five to ten years before requiring renourishment. Presently, Juno Beach is six years post-construction. Maintaining a stabilized shoreline along Juno Beach is not only important because of the proximity of A1A, a hurricane evacuation route, but also for its habitat and recreational value.</p>
<p>When will the renourishment be completed?</p>	<p>At this time, the County is anticipating that the renourishment will occur during the fall of 2008. Applied Technology Management (ATM), an engineering consultant hired by the County, is currently working on the project design, delineation of the borrow area and acquisition of the necessary permits from the State and Army Corps of Engineers to complete the project.</p>
<p>What are the benefits of the renourishment?</p>	<p>A healthy beach supports a healthy dune which provides habitat for a variety of plants and animals. In addition, Palm Beach County residents and visitors who use the Juno Beach area will continue to enjoy a stable beach and expect increased protection against coastal storms and erosion.</p>

If you have any additional questions about the Juno Beach Renourishment Project, please call the Palm Beach County Department of Environmental Resources Management at (561) 233-2430.

