



See, Create, Solve

Alabama DOT Testing

In November of 2011, the Alabama Department of Transportation proposed a test of Storm Greeter in the bay at Perdido Pass, in Orange Beach, AL. A fourteen foot, 2.5 inch square sign post was coated inside and out with Storm Greeter and placed on a pier at the Marine Police Station. The post, along with a galvanized post, was bolted to a marine-grade wooden piling.

The test ran for 13 months. At the 6 month point of the test, the posts were removed and six-inch sections were cut from the bottoms of each. This left a bare, galvanized edge on the Storm Greeter post. Over the next 7 months, the coating at the bottom edge did not delaminate.



From the marine life in the photo on the left, it is easy to tell how the two posts were positioned in the seawater. Note the rust on the galvanized post, created in the splash zone, and the pristine condition of Storm Greeter in the same area.



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After 13 months in the bay, there was an abundance of marine life inside and out. The clear section on the Storm Greeter post is where the marine life was scraped away with the edge of a knife blade to expose the intact coating underneath.



This cross-section shows the accumulation of marine life inside the post. The coating was not penetrated or damaged by the barnacles and other crustaceans.



AL-DOT is in the process of scheduling a demonstration of the infrared curing instrument developed by Ovante. It is believed that a successful demonstration of the curing process – the ability to coat traffic structures *in situ* - is the final hurdle to AL-DOT's approval of Storm Greeter.