

# PROJECT PROFILE

## NAHANT BEACH RESERVATION REHABILITATION

### PROJECT BACKGROUND

It was determined that the Nahant Causeway was in need of renovation and improvement to improve traffic flow, protect the residential community from nor'easter storms while maintaining the quality of local beaches.

### STRATEGIES/CHALLENGES

Total reconstruction of the revetment and sea wall were done. It was determined that the precast concrete sea wall needed protection from weathering and graffiti. A test program was developed to determine which product would provide the sought after protections. Several coatings were competing for this work and after testing by graffiti tagging it was determined that Vexcon's PowerCoat Anti-Graffiti coating was the most successful in preventing tagging and providing long-term protection from sea water and salt spray.

### RESULTS/SOLUTION

Two coats of PowerCoat Anti-Graffiti WB were sprayed on all exposed surfaces of the sea wall. PowerCoat Anti-Graffiti WB is a breathable coating that is non-sacrificial allowing the tagging to be power washed off without deteriorating the long-term protection performance of the coating while protecting the steel reinforced precast concrete wall from sea water and salt spray. Three years later, the wall looks like new.

**Project Type:**

Renovation of and improvement of Reservation Highway and Sea Wall

**Location:**

Nahant, Massachusetts

**Owner:**

Massachusetts Department of Conservation and Recreation

**General Contractor:**

Pihl, Inc.

**Project Superintendent:**

Dante Roberto

**Total Square Footage:**

Approximately 1.3 miles.

**Project Completion Date:**

Spring 2013

**Product Used:**

PowerCoat Anti-Graffiti WB



### ABOUT VEXCON

Founded in 1974, Vexcon Chemicals core business is the manufacture, distribution and sale of construction chemical products.

Vexcon Chemicals is an industry leader providing innovative product solutions through the development of advanced chemical technologies designed to meet today's construction demands. With our unique capability as a vertically integrated specialty chemical manufacturer we produce as starting materials water and solvent based epoxy, urethane, hydrocarbon, acrylic and silicone products. These technologies allow us to develop cost effective products that are designed to exceed market demands for consist high performing materials. We also have the ability to manufacture customized products developed to meet specific customer demands.

Vexcon produces construction materials designed to build, repair, enhance, protect, and maintain a wide variety of concrete and masonry structures.

Our products span numerous markets and product categories and are commonly used on transportation, commercial, industrial, distribution, institutional and residential projects both nationally and globally.

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