



KS Engineers, P.C.
Engineers . Surveyors
Construction Managers

New Jersey
New York
Pennsylvania

**CORPORATE
HEADQUARTERS:**

**24 Commerce Street
Newark, NJ 07102
P: (973) 623-2999
F: (973) 242-2955**

**info@kseng.com
www.kseng.com**

Avon-by-the-Sea Boardwalk Reconstruction

Avon, New Jersey

PROJECT NAME

Avon-by-the-Sea Boardwalk Reconstruction

PROJECT OWNER

Avon-by-the-Sea Borough

SERVICES PROVIDED

- Project Manager and Landscape Architect
- Conducted public meetings
- Designed and supervised all construction documents
- Researched all wood and material options
- Coordinated marine engineer consultant work and specifications for the pilings
- Coordinated architect consultant work for the pavilions
- Designed lighting fixtures
- Wrote specifications including sections for wood, railing, site furnishings, and lighting

PROJECT DESCRIPTION

Carroll Gordon was the Project Manager and Landscape Architect responsible for the \$2.1 million reconstruction of the entire historic boardwalk after a hurricane demolished most of the old boardwalk.

It is a wooden reconstruction of a non-commercial, Borough-owned boardwalk, with new castings of historic but energy efficient Victorian Lights; replicated benches and railings, and new pavilions for sitting and viewing the ocean.

Ms. Gordon conducted public meetings and coordinated the work of the architect designing the pavilions and the marine engineers designing the pilings.

She designed the boardwalk with hidden hooks to be able to have certain sections of the decking removed by crane in the spring so that equipment can access the area between the boardwalk and the bulkhead to retrieve the sand. The sand can then be redistributed to the beach area in time for the summer season.

The boardwalk now has hurricane straps and is made of various hardwoods, which were certified by the Rainforest Alliance as sustainably harvested. Because of the high oil content of the IPE decking, grooves were added to prevent slipping in wet weather. Since the reconstruction took place in 1995, the boardwalk has weathered many storms and still looks very good. It has become the centerpiece of this lovely Victorian beach town.

