

Coastal Shoreline Stabilization



May 22, 2014

Presentation Prepared by:

Coastal Engineering Company, Inc.

260 Cranberry Highway

Orleans, MA 02653

Phone: 508-255-6511 Fax: 508-255-6700

www.CoastalEngineeringCompany.com

Providing solutions

for the benefit of our clients and community



Coastal Shoreline Stabilization



Shorefront Protection Options

A. Hard Engineered Solutions

- Rock Revetments
- Bulkheads
- Longard tubes
- Rock filled gabions

B. “Soft” Solutions

- Beach nourishment
- Aggressive vegetation
- Timber drift fence
- Fiber rolls

Example of Beach Nourishment Project



C COASTAL
E ENGINEERING
C COMPANY, INC.



Fiber Roll Installation - Bottom Row



Fiber Roll Installation



Fiber Roll Installation - Sand Cover

Wellfleet, MA



Project Profile

Riverview Resort Bulkhead, Yarmouth , MA

During Construction



Providing solutions...

C COASTAL
E ENGINEERING
C COMPANY, INC.

Project Profile

Riverview Resort Bulkhead, Yarmouth , MA

After Construction:



Providing solutions...



Project Profile

Residential Shorefront Protection, Chatham, MA

During Construction



Providing solutions...

C COASTAL
E ENGINEERING
C COMPANY, INC.

Project Profile

Residential Shorefront Protection, Chatham, MA

During Construction



Providing solutions...

C COASTAL
E ENGINEERING
C COMPANY, INC.

Project Profile

Pappas Way Bulkhead Reconstruction, South Boston

Existing Condition



Providing solutions...



Project Profile

Pappas Way Bulkhead Reconstruction, South Boston

Existing Condition



Pappas Way - June 3, 2010

Providing solutions...



Project Profile

Pappas Way Bulkhead Reconstruction, South Boston

Existing Condition



Providing solutions...



Project Profile

Pappas Way Bulkhead Reconstruction, South Boston

Existing Condition



Providing solutions...



Project Profile

Pappas Way Bulkhead Reconstruction, South Boston

Existing Condition



Providing solutions...



Project Profile

Pappas Way Bulkhead Reconstruction, South Boston

During Construction



Providing solutions...



Project Profile

Pappas Way Bulkhead Reconstruction, South Boston

During Construction



Providing solutions...

C COASTAL
E ENGINEERING
C COMPANY, INC.

Project Profile

Residential Shorefront Stabilization, Orleans, MA

During Construction



After Construction



Providing solutions...



Know When to Fold'em



DAVID L. RYAN/GLOBE STAFF

Providing solutions...





Presentation Prepared by:

Coastal Engineering Company, Inc.

260 Cranberry Highway

Orleans, MA 02653

Phone: 508-255-6511 Fax: 508-255-6700

www.CoastalEngineeringCompany.com

Providing solutions

for the benefit of our clients and community

