

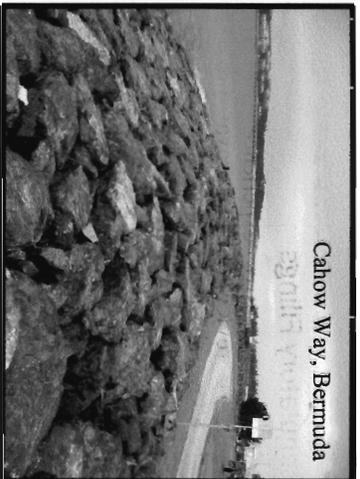
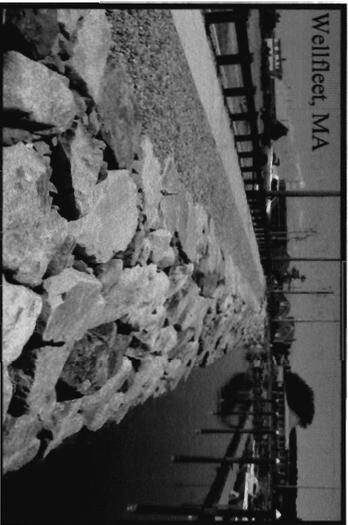
## Do You Need to Stabilize ??

### We can help you with:

- Assessment of Existing Shoreline Conditions
- Evaluation of Increased Levels of Protection
- Development of Stabilization Alternatives

### BCE can provide the services and answers you need because:

- Our firm specializes in waterfront and coastal engineering
- Our previous work inventorying and assessing all MA coastline public owned protective structures as part of the statewide coastal hazard investigation project.
- BCE has over 20 years of experience in shoreline stabilization assessment and design
- Our familiarity with local, state and federal regulatory approval processes



### Project Evaluation

We can assist you by performing an evaluation of your shoreline to identify the major issues.

We may have already performed a preliminary assessment based on our work with MA Coastal Hazard Inventory & Assessment Project.

### MA Dept. of Conservation & Recreation

BCE is on MA DCR's approved list of consultants and therefore is approved for DCR funded projects for shoreline stabilization design services and construction management.

### Determination of Protection Level

We can investigate a range of different storm conditions which allows a comparison of construction costs against level of protection and site impacts. This would include identification and comparison of regulatory hurdles for different options.

### Wave Analysis

BCE can provide a detailed wave analysis for the different storm conditions utilizing standard accepted methodologies used by the USACE. These wave analysis then allows determination of shoreline stabilization requirements.

### Options Identification

For the regulatory process, an alternative analysis and assessment will be required. This would typically include soft and hard solutions as well as various combinations of these methods. This may include seawalls, reverments and beach renourishment.

Most projects would include combinations to achieve the most cost effective solution. BCE can provide a realistic review of the shoreline stabilization options to provide the best alternative in terms of cost and regulatory impacts.

### Regulatory Filings

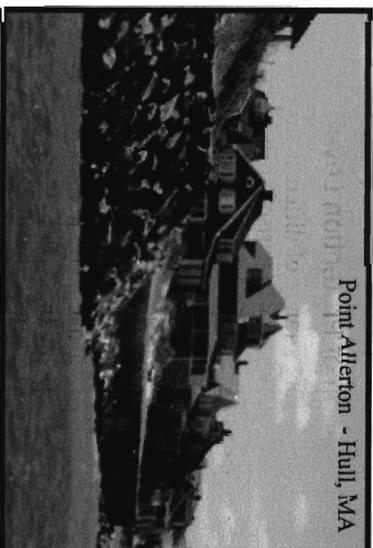
BCE has extensive experience with the regulatory review and approval process. This allows for preparation of applications that are complete which anticipate regulatory reviewers needs and allow for efficient processing of regulatory applications.

### Funding Alternatives

BCE can assist communities in identifying funding sources for publically sponsored projects.

### Contractor Selection

We can assist in the identification of potential contractors and the bidding and selection of a shoreline stabilization contractor. Services include providing technical support and contract administration during the shoreline rehabilitation as may be desired or required by regulatory requirements for the project.



### Bourne Consulting Engineering

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## Our Mission

Bourne Consulting Engineering is a professional engineering consulting firm specializing in waterfront and coastal protection projects. Our primary mission as a firm is to:

- Listen to and understand our clients goals and objectives
- Assist our clients with the definition of their waterfront-oriented needs
- Develop solutions that are economically and environmentally achievable
- Match the client's needs in terms of function,

## Our Services

In addition to seawall engineering, **BCE's** focus is on the waterfront with our in-house engineering services including:

- Assessment of Shoreline Stabilization Structures
- Determination of Protection Needs and Impacts
- Identification of Regulatory Approval Requirements and Submission Requirements and Obtainment of Approvals
- Development of Construction Documents for Implementation of Improvements
- Assisting in the Identification of Funding Sources from State and Federal Programs



## Specializing in Waterfront Structures & Coastal Protection

## Delivering Practical Solutions To Coastal Challenges

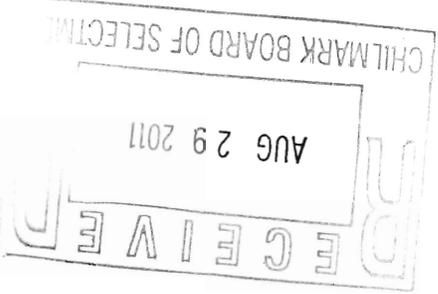


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**Association of Town Finance Committees  
Annual Meeting, October 15, 2011  
Tri County Regional Vocational Technical High School, Franklin**

**Agenda**

**8:15-9:00 a.m.**

**Registration, Breakfast, Networking**

*School Foyer, Cafeteria*

**9:00-9:15 a.m.**

**President's Welcome, Kim Roy, Halifax Capital Planning Committee  
Business Meeting**

*Auditorium*

**9:15-10:15 a.m.**

**Opening Session**

*Auditorium*

TBA

**10:15-10:30 a.m.**

**Break**

**10:30-noon**

**Concurrent Workshops**

**1. New to the Finance Committee: Budgeting 101**

*Library*

This session will provide a good foundation for understanding the basics of municipal finance and budgeting. It will include a review of the timetable of the annual budget, developing a capital improvement plan, an overview of the tax recapitulation process and managing long-term debt.

**Hans Larsen**, Wellesley Executive Director and former advisory committee member  
A Finance Director, TBA

**Moderator: Mary McBride**, Billerica Finance Committee Vice Chair and ATFC Director

**2. Collective Bargaining Basics**

*Auditorium*

This session will give finance committee members an overview of this complicated process, touching on all of the basics including: laws and regulations, bargaining in good faith, and arbitration v. litigation.

**Kate Fitzpatrick**, Town Manager, Needham

**Kevin Feeley**, Attorney, Feeley & Brown

**Moderator: Ira Miller**, Sharon Finance Committee Chair and ATFC Director

**3. Your Town's Credit and Bond Rating** *Foyer*

This workshop is designed to be a primer on municipal capital planning and debt management for finance committees. It will touch upon debt management policies; setting appropriate levels of annual debt and cash capital spending; debt issuances and how they are structured; credit ratings and what ratings agencies look for when evaluating municipalities; and debt-related questions finance committees should be asking their municipal finance officials.

**Cinder McNerney**, Managing Director, First Southwest Company and ATFC Past President

**Sandy Pooler**, Finance Director, Amherst

**Moderator: Richard Creem**, Needham Finance Committee and ATFC Director

**New this  
year!**

Noon  
Luncheon

Cafeteria

12:30 – 1:15

**Speaker: Governor Michael Dukakis**

1:30-3:00 p.m.

**Concurrent Workshops**

**1. Capital Budgeting**

*Library*

Developing and implementing a successful capital plan is on every finance committee's wish list. Foskett will review his work on Arlington's plan over the last 20 years, explaining how to get started and how to keep on track. Blake will highlight how DLS can assist communities in the process. This session is a must for anyone who wants to begin or further this kind of strategic planning in their town.

**Charlie Foskett**, Arlington Capital Committee Chair and ATFC Past President

**Zack Blake**, Project Manager, Technical Services Department, Division of Local Services

**Moderator: Bruce Button**, Concord Finance Committee and ATFC Director

**2. Roles in Town Hall: Who Does What?**

*Foyer*

Assessor, treasurer/collector, accountant, finance director, town administrator, board of selectmen, and you: what are the responsibilities of each? This session will give a general overview of the role of each and how finance committee members interact with each. This session is ideal for newer members.

Speakers TBA

**Moderator: Joanne Marden**, Andover Finance Committee Chair and ATFC Vice President

**3. Monitoring the Budget**

*Auditorium*

This session will discuss the tools members can use to track revenues, expenses, and grants throughout the budget year to monitor for problems and assist committees in making educated decisions about the use of reserve fund transfers and special town meeting recommendations as well as gathering information on how the town's finances are functioning in preparation for the next budget cycle.

**Marilyn Mathieu**, Finance Director, Bellingham

A school business manager, TBA

**Moderator: Jennifer Gonzalez**, Holbrook Finance Committee and ATFC Vice President

**New this  
year!**