Staying above High Water: Helping Prepare Maine’s Coastal Communities for Coastal Flooding and Sea Level Rise

Adaptation Options - Consultant Roundtable

Cheryl W. Coviello, P.E.

28 November 2017
Collins Engineers – Who We Are

• Established in 1979 in Chicago
• Multi-disciplinary civil and structural engineering services
• 24 offices nationwide; 220+ employees

• ENR Top 500 Design Firm
• Responsive service including 24-hour emergency response
• Privately held company that emphasizes full client support through high quality project work
Collins Engineers – Waterfront Services

- Port Facilities
- Private Marine Terminals
- Water Transportation Facilities
- Public, Private & Residential Water Access and Shore Protection
- U.S. Coast Guard and Navy
- State DOTs
- Municipalities
- Private Property Owners
- Residential Property Owners
Collins Engineers – Maine Based Project Clients

- City of Portland
- Chebeague Island
- Lincolnville
- Maine Port Authority
- Maine Turnpike Authority
- Private residential and commercial
- U.S. Navy – Cutler
- U.S. Navy – Portsmouth Naval Shipyard, Kittery
Collins Engineers – Typical Waterfront Services

• Existing Facilities
  Inspection
  Condition Assessment
  Planning and Design of Repairs, Improvements, Modifications
  Permitting and Construction Support

• New Facilities
  Harbor Planning Grant Support
  Site Investigations Final Design
  Conceptual Design Permitting and Construction Support
Collins Engineers – Typical Waterfront Services

• Sea Level Rise Adaptation
  Assess Existing Infrastructure
  Evaluate Structural Capacity to Accommodate SLR Adaptation
  Develop Upgrades and Modifications
  Identify Issues and Challenges
  Develop Prioritized Plan
  Provide Cost Estimates
Cheryl W. Coviello, P.E.
Collins Engineers, Inc.
Portsmouth, NH
ccoviello@collins engr.com
(603) 272-6159