

# Maritime

Construction and Engineering, LLC

## Recently Completed Projects



**Owner:** State of Maine

**Project:** Casco Bay Timber Pier Rehabilitation

**Cost:** \$1,068,000

**Description:** Expansion and Rehabilitation of 3 timber ferry docking piers, including installation of temporary berthing systems and replacement and upgrade of fendering systems.

**Status:** Complete May 2013.

**Points of Contact:** Ed Karpinski. Inspector/Resident Engineer (207) 504-1916  
Aurele Gorneau, Project Manager (207) 624-3553

# Maritime

Construction and Engineering, LLC



**Owner:** Town of York, ME

**Project:** Rehabilitation of Town Dock #1

**Cost:** \$585,380

**Description:** Demolition and replacement of a 5000 sqft timber commercial pier. Project included demolition/disposal of the existing pier, construction of a new concrete abutment, driving 87 new timber bearing piles to capacity, timber framing/decking, new steel handrails, new electrical service and fixtures, installation of both greenheart and composite fender piles. In addition, we installed all new float guide piles and rehabilitated the existing gangways.

**Status:** Complete July 2011.

**Points of Contact:** David Webber, York Harbor Board (207) 451-8081  
Craig Sams, PE, Childs Engineering (508) 359-8945



# Maritime

Construction and Engineering, LLC



**Owner:** Town of Ogunquit

**Project:** Replacement of Floating Docks

**Cost:** \$99,395

**Description:** Installation of 10 new 8'x24' floating docks with associated piling work and replacement of a 3'x17' gangway.

**Status :** Complete October 2014.

**Points of Contact:** Fred Mayo, Ogunquit Harbormaster (207) 646-5139

# Maritime

Construction and Engineering, LLC



**Owner:** Town of Falmouth

**Project:** Riverpoint Bridge Replacement

**Cost:** \$425,000

**Description:** Design-Build project to replace a 110' span bridge over the Pan Am rail line. We replaced a 4 span timber structure with a new 110' steel truss vehicle bridge. Project included pile driving, new concrete abutments and new retaining walls/landscaping.

**Status :**Complete November 2014.

**Points of Contact:** Nathan Poore, Falmouth Town Manager (207) 699-5335



# Maritime

Construction and Engineering, LLC



**Owner:** Museums of Old York

**Project:** Hancock Wharf Rehabilitation

**Cost:** \$202,000

**Description:** Rehabilitation of a historic waterfront facility, funded in part from the Maine Working Waterfront Access Pilot Program. Project included construction of a new 1150 sqft timber pier to accommodate truck loading, reconstruction of 70 LF of timber crib style retaining wall with precast concrete deadmen, reconstruction of 150 LF of rip rap revetments, construction and installation of new floating docks and guide piles, raising and regarding of the 5000 sqft parking area.

**Status:** Complete December 2010.

**Points of Contact:** Scott Stevens, Exec. Director, Museums of Old York (207) 363-4974  
Ken Wood, PE, Attar Engineering (207) 439-6023

# Maritime

Construction and Engineering, LLC



**Owner:** Town of York

**Project:** Birch Hill Bridge Replacement

**Cost:** \$75,187 (Labor and Equipment only)

**Description:** We replaced a concrete box culvert with the nation's first highway bridge made entirely of recycled plastic. We drove bearing piles to 50 ton capacity, constructed bridge abutments and wingwalls and fabricated and set the thermoplastic bridge beams. All materials were furnished by the Town of York.

**Status:** Complete November 2011

**Points of Contact:** Dean Lessard, York Public Works Director (207) 363-1010



# Maritime

Construction and Engineering, LLC



**Owner:** City of Portsmouth, NH

**Project:** Ceres Street Seawall Repairs

**Cost:** \$98,995

**Description:** Repair/reinforcement of failing granite quaywall. Project included installation of helical anchor tiebacks and a concrete grade beam behind the wall connecting to timber wales and steel H pile soldier piles.

**Status:** Complete April 2010

**Points of Contact:** David DeFosses, Portsmouth Public Works, (603) 427-1530  
Duncan Mellor, PE, Waterfront Engineers (603) 435-3520

# Maritime

Construction and Engineering, LLC



**Owner:** Maine DOT

**Project:** Bridge Scour Countermeasures

**Cost:** \$112,449

**Description:** Completed installation of concrete cable Mats in both Rumford, ME and Rangeley, ME. Projects included cofferdam installation, temporary stream bypass, excavation of existing streambed and installation of new concrete cable mat system, restoration of streambed.

**Status:** Complete September 2013

**Points of Contact:** Gene Webb, MDOT (207) 577-8353



# Maritime

Construction and Engineering, LLC



**Owner:** Maine DOT

**Project:** Mallison Falls Road Railroad Bridge Rehabilitation

**Cost:** \$335,495

**Description:** Replacement of an existing steel superstructure bridge with concrete abutments. Existing bridge and abutments were removed in their entirety. New abutments formed, poured and new bridge superstructure fabricated and installed. Project also included geofabric reinforced rail bed.

**Status:** Complete December 2013

**Points of Contact:** Charlie Guy , MDOT (207) 557-9078

# Maritime

Construction and Engineering, LLC



**Owner:** City of Portland, ME

**Project:** Maine State Pier Timber Pier and Float Rehabilitation

**Cost:** \$342,975

**Description:** Structural rehabilitation of a section of the Maine State Pier. Project included jacking/shoring a metal frame building while structural repairs were made to the timber pier below, installation of 80' long timber pilings to brace the floating dock system, structural repairs to the floating dock and gangway system, and installation of a new wave screen.

**Status:** Complete December 2011.

**Points of Contact:** Bob Leeman, City of Portland (207) 233-0350  
Wayne Duffet, TEC Associates (207) 767-6068



# Maritime

Construction and Engineering, LLC



**Owner:** Town of Seabrook, NH

**Project:** Cains Pond Restoration, Phase 2

**Cost:** \$271,000

**Description:** Dredging, dewatering and disposal of approximately 7500 CY of accumulated sediment from Cains Pond. Project also included construction of a granite retaining wall, custom galvanized steel handrails and a small parking area.

**Status:** Dredging completed May 2010, Additional site work completed August 2010.

**Points of Contact:** Sue Foote, Seabrook Conservation Commission. (603) 474-3152  
Duncan Mellor, PE, Waterfront Engineers (603) 435-3520

# Maritime

Construction and Engineering, LLC



**Owner:** Pier II LLC

**Project:** Pile Driving/Foundation

**Cost:** \$482,285

**Description:** Constructed 7000 SF foundation for condominium building including 55 steel H piles, plastic/concrete jackets, precast concrete pile caps and grade beams (including all closure pours), and precast deck slabs. Project also included construction of a 4500 SF timber wharf including 77 greenheart bearing and batter piles and all associated framing as well as installation of guide piling/dolphins for floating docks.

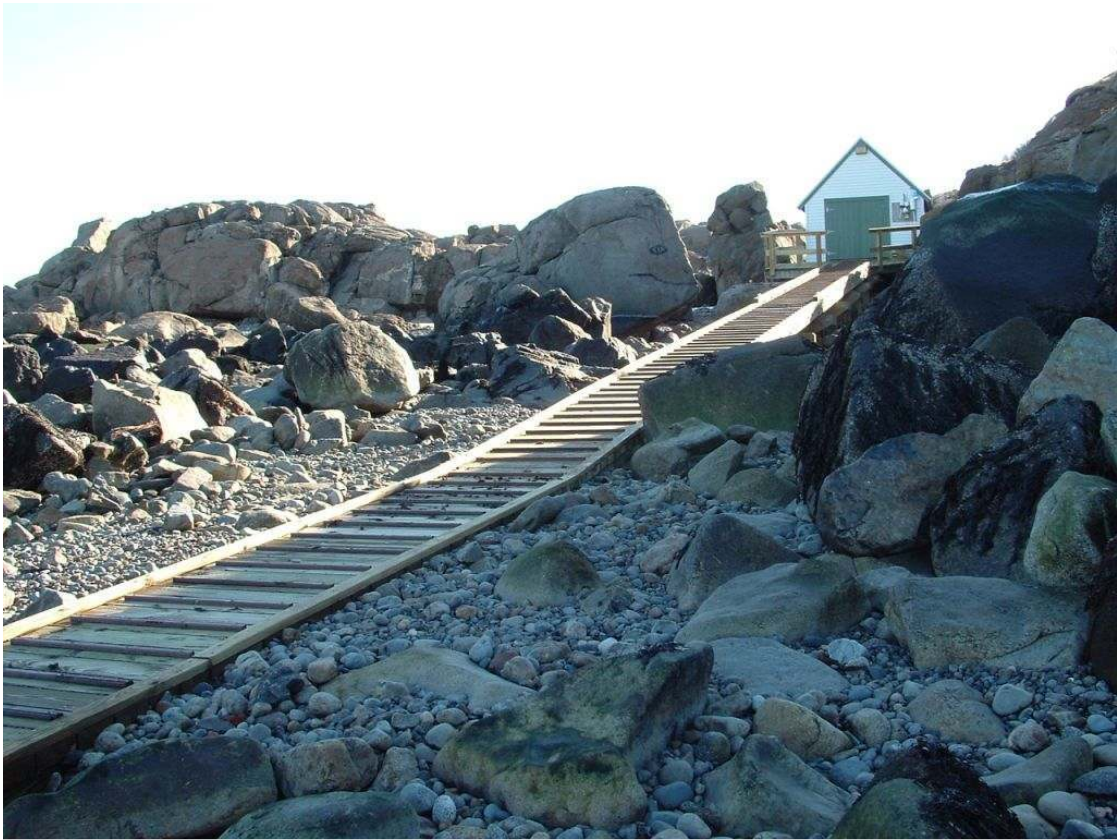
**Status:** Completed June 2010

**Points of Contact:** Mark Stevens, (603) 502-3395



# Maritime

Construction and Engineering, LLC



**Owner:** Town of York

**Project:** Reconstruction of Nubble Lighthouse Boat Ramp

**Cost:** \$108,810

**Description:** Reconstruction of a 140' timber boat ramp at a historic lighthouse. Ramp is founded on 8"x8" posts installed on ledge with timber stringers epoxy anchored to ledge/large boulders. Work was completed during the winter of 2008/2009 and all materials/equipment were transported to the island via boat and barge.

**Status:** Complete February 2009

**Points of Contact:** Duncan Mellor, Engineer (603) 772-3706

Michael Sullivan, Parks and Rec Director (207) 363-1040

# Maritime

Construction and Engineering, LLC



**Owner:** Chick's Marina, Kennebunkport, ME

**Project:** Bulkhead Replacement/Dredging

**Cost:** \$637,468

**Description:** Replacement of approximately 420' of failed timber bulkhead with new "Navy" style vinyl sheetpile bulkhead. Project included demolition of the old bulkhead and excavation and installation of new precast concrete deadmen and helical anchors. In 2009, we completed dredging of approximately 6000 CY of sediment from the marina with disposal at the Army Corps of Engineers Cape Arundel Disposal site.

**Status:** Phase 1 complete December 2005, Phase 2 complete April 2007, Dredging Completed 2009

**Points of Contact:** Eric Katz, (508) 878-7665



# Maritime

Construction and Engineering, LLC



**Owner:** York Harbor Marine Services

**Project:** Pier and Bulkhead Replacement

**Cost:** \$295,100

**Description:** Replacement of a 125' long failed timber bulkhead with a new steel sheet pile bulkhead including new pile supported concrete deadmen. Project also included replacement of a timber pier structure with a new concrete filled steel pipe pile supported pier with precast concrete deck surface.

**Status:** Completed 2007

**Points of Contact:** Duncan Mellor, Engineer (603) 772-3706  
Eric Lusty, Owner (207) 363-3602

# Maritime

Construction and Engineering, LLC



**Owner:** Maine Yacht Center

**Project:** Floating Breakwater Installation/Marina Reconfiguration

**Cost:** \$241,350

**Description:** Maine Yacht Center was severely damaged during a Nor'Easter that occurred in May 2005. Maritime Construction was chosen to install a new concrete floating breakwater system purchased by Maine Yacht Center. This was the first such installation of its kind in the Northeast. Project included installation of approximately 1,000 feet of concrete breakwater, secured by close to a mile and a half of 2" chain and over 200 tons of sinkers. We also installed approximately 50 helical anchors and fabricated custom steel supports to stabilize the existing float system.

**Status:** Complete August 2006

**Points of Contact:** Brian Harris, General Manager, (207) 842-9000



# Maritime

Construction and Engineering, LLC



**Owner:** Saco Island LP.

**Project:** East Island Seawall

**Cost:** \$200,000

**Description:** Maritime Construction was selected in 2007 to complete a \$1.2 million reconstruction of approximately 900 lf of bulkhead for the Saco Island Redevelopment project. Due to financial issues, the owners opted to defer actual bulkhead construction until a later date, but asked us to complete the preliminary site work in 2008. The work included clearing and grubbing along the bulkhead, reconstruction of a section of granite quaywall, and demolition/removal of a 10' x 370' concrete foundation wall

**Status:** Complete March 2008

**Points of Contact:** Curtis Dow, Buck Consulting Group (207) 236-9970

# Maritime

Construction and Engineering, LLC



**Owner:** Town of Kennebunkport, ME

**Project:** Cape Porpoise Pier Replacement

**Cost:** \$163,739

**Description:** Design/Build project for complete demolition and replacement of a 2200 sf commercial pier/restaurant foundation. Pier replacement included structural improvements to a granite quaywall, construction of a concrete abutment/retaining wall, pile driving. Project also included a change order at the request of the town to complete structural/bracing repairs to the adjacent fish pier.

**Status:** Complete 2004

**Points of Contact:** Owens McCullough, Sebago Technics, Inc. (207) 856-0277  
Nathan Poore, Town of Kennebunkport (207) 967-4243



# Maritime

Construction and Engineering, LLC



**Owner:** Bayley's Lobster Pound, Scarborough, ME

**Project:** Bulkhead Replacement

**Cost:** \$157,250

**Description:** Replacement of approximately 200' of failed timber bulkhead with new "Navy" style fiberglass sheetpile bulkhead. Project included demolition of the old bulkhead and installation of new helical anchor tiebacks.

**Status:** Complete June 2008.

**Points of Contact:** William Bayley (207) 883-4571

# Maritime

Construction and Engineering, LLC



**Owner:** Little Diamond Island, LLC

**Project:** Pier Reconstruction/Building Raising

**Cost:** \$698,000

**Description:** Complete reconstruction of an approximately 7000 sf pile supported timber pier and replacement of over 40 piling underneath a 30'x70' 2 story building. Building pile replacement required us to raise the entire structure then temporarily relocate it approximately 50' to the side. Once new piles were driven, building was moved back into location over new piles and pile caps.

**Status:** Complete June 2014.

**Points of Contact:** Barney Baker (207) 846-9724



# Maritime

Construction and Engineering, LLC

## Major Equipment



- 30' x 90' x 8' spud barge built in 2006 by Buchanan Marine, New Haven, CT.
- 27 Ton Link Belt LS98 Crawler Crane w/ 90' of boom
- 60 Ton Sumitomo SC550-2 Crawler Crane w/120' of boom
- 45 Ton Link Belt LS108B w/ 90' of Boom
- 400 HP 26' x 12' Pushboat "Meghan Elizabeth"
- 24' x 40' deck barge
- 16' x 40' deck barge.
- (2) 9' x 40' x 5' sectional barges, typically pinned together to form an 18' x 40' barge for moving our excavator.
- H&M H-75 Vibratory pile driver/extractor with pile clamp and sheet pile clamp.
- Delmag D-12 diesel pile hammer.
- Pileco D-6 diesel pile hammer.
- 2000 LB Pileco Drop Hammer
- 1998 Komatsu PC150LC-6 Hydraulic Excavator w/ hydraulic thumb and vibratory plate compactor.
- 2003 Ford F650 Dump Truck.
- 2005 John Deere 35D Hydraulic Excavator with multiple buckets
- 2001 Ingersoll Rand P185 Air Compressor with rock drill/breaker
- (2) Lincoln Ranger 250 Welder/Generator sets with oxy/acetylene and plasma cutting outfits as well as LN25 Wire Feed capabilities.

# Shawn Toohey

---

## EDUCATION

1990 B.S. Civil Engineering, United States Coast Guard Academy

1996 M.S. Civil Engineering, University of Illinois, Champaign-Urbana

## EMPLOYMENT

- 2001-      *Owner/Operator, MaritimeConstruction and Engineering, llc*  
Responsible for all aspects of operation of a small marine contractor. As a hands-on, on-site owner, Mr. Toohey personally supervises and participates in every project that Maritime constructs.
- 2000-2001 *Chief Engineer, Chesterfield Associates, Westhampton Beach, NY*  
Responsible for estimating/managing various construction projects for a large civil/marine contractor with offices in Long Island, NY and Westport, ME. Chesterfield Associates has average annual revenues of approximately \$3 Million.
- 1996-2000 *Project Engineer/Design Team Leader, USCG Civil Engineering Unit, Providence, RI*  
Managed a team of 7 engineers in design and project management for civil and marine construction projects throughout the First Coast Guard District (NJ-Maine) with an average annual project load of approximately \$3 Million. Project management duties included qualifying contractors, reviewing bids, drafting and negotiating change orders.
- 1995-1996 *Graduate School, University of Illinois at Champaign-Urbana*  
Assigned by US Coast Guard to attend graduate school and attain a Master's Degree in Civil Engineering.
- 1992-1995 *Industrial Manager, US Coast Guard Base S. Portland, ME.*  
Managed a workforce of approximately 30 trades workers and supervisors in the maintenance of all Coast Guard facilities, lighthouses and small boats from Portsmouth, NH to Boothbay Harbor, ME.
- 1990-1992 *Assistant Group Engineer, US Coast Guard Group Key West, FL*  
Responsible for all aspects of facilities and waterfront maintenance for a 7 acre Coast Guard facility.