

Salem Wharf Project
Marine Structures and Dredging - Phase I

City of Salem, MA

January 14, 2013

Project Description

The City of Salem has begun construction of the Salem Wharf Project located at 10 Blaney Street in Salem, MA. The project features a passenger vessel facility designed to support the existing Salem Ferry operation that began in 2006 using a vessel owned by the City of Salem.

The Marine Structures – Phase I Project is the second major construction contract of a multi-phase approach to the construction of this project. Phasing of the project has been required due to limited funding. The first construction contract was for upland site development including seawall construction, site utilities, site grading and parking layout and supports the work to be included in the Marine Structures – Phase I.

In this phase of construction, the first of the two major construction contracts for the marine structures is initiated and will include the following major elements:

- Concrete Pier Abutment along shoreline
- Concrete Seawall – continuation of first contract and completion of seawall work
- Shoreline Revetment - continuation of first contract and completion of revetment work
- Concrete Decked, Steel Pile Supported Pier – (220'x30')
- Wave Fence Construction – Under concrete pier
- Steel Barge and Mooring – For passenger vessel berthing
- Aluminum Gangways and Ramp System – To Barge to provide ADA/MAAB required access
- Dredging – Limited to under pier for construction of wave fence
- Electrical Service Improvements – Includes service from Blaney Street, Main Service Panel
- Water services, storm water drainage and electrical conduits.
- Vessel Pump Out – Located on barge
- Aluminum hand railing around pier perimeter.

The City has also commenced the first phase of dredging. Expected to be completed in February, the project will dredge 25,000 cubic yards to a depth of -16'.