



Water Transportation Study Update

Two Water Transportation Studies

Comprehensive Boston Harbor Water Transportation Study and Business Plans

- Baseline site profiles for planning of passenger ferry routes in the harbor



- Comprehensive business plans for up to three financially sustainable services that can be launched in one to five years

Water Transportation Strategy for the Boston Harbor Islands National and State Park

- Baseline site profiles for planning new services at Park Gateway sites

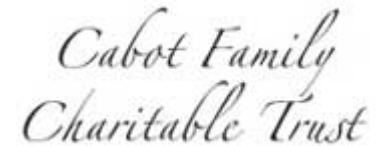


- Strategy and scope for an RFP to procure a ferry service operator including recommendations for one or two new services



Study Sponsors

- MassDOT
- Massport
- National Park Service
- Seaport Economic Council of the Executive Office of Housing and Economic Development
- Massachusetts Convention Center Authority
- The Barr Foundation
- Cabot Family Charitable Trust
- Envoy Hotel
- Clippership Wharf



Consultant Team

- Steer Davies Gleave
- KPFF
- Moffatt and Nichol
- Elliott Bay Design Group
- Progressions
- Norris and Norris



Water Transportation Study Process to Date

Existing
Conditions
Report

National
Best Practices
Report

30
site profiles

12 sites
selected for
modeling

3 water
transportation
stakeholder
workshops

3,689
responses
to the stated
preference survey

150
participants
at day-long open
house



Stakeholder Workshops



3

workshops

Stated Preference Survey

3,689

responses

Open House

150
participants

Sites for Analysis for New, Expanded, and Improved Service

North

South

Inner Harbor

Salem
Salem Ferry Terminal
Support improvements to existing service + plus limited weekend service to Harbor Islands

Quincy
Marina Bay + Squantum Point
Study permanent regular service + study potential to Harbor Island Gateway site

Hingham
Hingham Island Causeway
Study additional destinations + study potential improvements to Harbor Island service

East Boston
Long Island Ferry Service
Study new Harbor Island

North Boston
North Boston
Study new Harbor Island

Support
Support
Study new Harbor Island

Lynn
Blossom Street Pier
Implement business plan, support expanded service + plus limited weekend service to Harbor Islands

Dorchester
Follen Pier + Columbia Point
Study new service

Hall
Fenwick Point
Study additional destinations + study potential improvements to Harbor Island service

East Boston
Lynn Hall
Study new Harbor Island

Dorchester Boston
Dorchester Boston
Study new Harbor Island

Charlestown
New York Harbor
Study new Harbor Island

Dorchester Boston
Dorchester Boston
Study new Harbor Island

Winthrop
Winthrop Ferry Dock
Support improvements to existing

Sites with No Further Analysis

Medium Term Potential

Long Term Potential

East Boston

Dorchester Boston

Support

North Boston

Quincy

Salem

Winthrop

Lynn

Hingham

Hall

Dorchester

Charlestown

Dorchester Boston



Dock Site Profile Data

Geography – landing site, market area, site description, multi-modal access

Demographics/Demand – population, labor force, median income, journey to work

Development – potential for growing demand in the next 1 to 5 years

Site Conditions – existing pier, ramp, and floats + proposed/funded designs



Sites in the Analysis: Improved Service (North)

Salem
Ferry Terminal

support improvements to existing service + pilot limited weekend service to Harbor Islands

Blossom St Pier
(Lynn)

implement business plan, support expanded service + pilot limited weekend service to Harbor Islands

Winthrop
Ferry Dock

support improvements to existing service



Sites in the Analysis: New + Expanded Service (South)

Fallon Pier at
Columbia Point
(Dorchester)

study new service

Marina Bay /
Squantum Point
(Quincy)

study permanent regular service + study potential as
Harbor Island Gateway site

Hewitt's Cove
(Hingham)

Pemberton Point
(Hull)

study additional destinations + study
potential improvements to Harbor
Island service



Sites in the Analysis: New Service (Inner Harbor)

study as part of
potential Inner
Harbor circulator

Logan Airport
Ferry Terminal
(East Boston)

Lewis Mall
(East Boston)

Navy Yard Pier 4
(Charlestown)

Lovejoy Wharf
(North Station)

Long Wharf
North and South
+ Central Wharf

Rowes Wharf
(Downtown)

Fan Pier / ICA
(Seaport)

World Trade
Center East
(Seaport)



Potential for Future Study

Private Ferry Service

- Service to Provincetown from Boston and Plymouth
- Wynn Casino water shuttle (2019)

Medium Term

Sites with existing barrier that may be overcome in 5 years + each site will get a set of suggested next steps

Long Term

Sites where changes to site infrastructure, population density, and vessel speeds may lead to potential demand



Water Transportation Study Process Next Steps

12 sites

with models for estimated ridership demand

3 routes

with detailed market and feasibility analysis

Model congestion mitigation and reduced emissions

Financial Model + Business Plans for up to 3 new routes based on these findings

responses to the stated preference survey

+ estimates of ridership, time savings, operating costs, deficits/ subsidies, seasonality

Public Event to release study and business plans

Thank You
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2017 Construction Mitigation





North Side: MassDOT supported the ferry service connecting Lynn to Boston

Mitigation for Route 1A and Sumner Tunnel construction impact on commuters





North Side: MBTA supported additional capacity for the Salem ferry service connecting to Boston

Mitigation for PTC and drawbridge construction impact on commuters





South Side: MBTA supported ferry service connecting Quincy to Boston

Mitigation for impacts of Red Line closures and parking reductions





South Side: MassDOT supported additional ferry service connecting Hingham to Boston

Mitigation for impacts of lane reductions during Fore River Bridge construction

