Water Transportation Study
+ Regional Ferry Update
MBTA 2018 Ferry Update

- All existing service preserved
- Current service is out to bid with flexibility in the new contract for continued modifications

The Study:
- Ideas for service improvements in the future based on ridership model still need to be feasibility tested with MBTA Operations staff, dock owners and many other key stakeholders
Other MBTA/MassDOT Activities/Support in 2018

Blossom St Pier  
(Lynn)

MassDOT + the MBTA continue to support City of Lynn in the procurement of the City’s new ferry (funding is a federal earmark)

Squantum Point  
(Quincy)

City of Quincy’s service included in Winthrop Route. MassDOT + the MBTA will assist in promoting the service as an alternative during the closure of the Wollaston station and the North Quincy TOD Project. Ridership is being monitored.
Other Regional Ferry Service 2018 Update

- **Salem Ferry Terminal**: City of Salem’s seasonal service will begin May 19 connecting to Downtown Boston (Long Wharf) with continued $8 commuter boat pricing.
- **Winthrop/Quincy/Boston Service**: Town of Winthrop’s seasonal service begins **TODAY (April 23)** with stops in Winthrop, Quincy (Squantum Point), Seaport (Fan Pier), and Downtown Boston (New England Aquarium).
- **North Station/Seaport Service**: MCCA is soliciting proposals (due May 9) for its ferry service between North Station (Lovejoy Wharf) and Seaport (Fan Pier). Service is anticipated to begin in September.
Two Water Transportation Studies

Comprehensive Boston Harbor Water Transportation Study and Business Plans

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

An RFI and RFP to procure a ferry service operator for the islands in 2019 and beyond.
Comprehensive Boston Harbor Water Transportation Study and Business Plans

Up to three financially sustainable services that could be launched in one to five years

Launched in response to the desires and efforts of municipalities and other stakeholders for new ferry service

Does not assume that new service will be operated the MBTA or MassDOT
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
Water Transportation Study Process in 2017

- Existing Conditions Report
- National Best Practices Report
- 30 site profiles
- 12 sites selected for modeling
- 3 water transportation stakeholder workshops
- 150 participants at day-long open house
**Water Transportation Study Process in 2018**

<table>
<thead>
<tr>
<th>Sites</th>
<th>Routes</th>
<th>Model</th>
<th>Financial Model + Business Plans</th>
<th>Public Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>12</td>
<td>2</td>
<td>congestion mitigation and reduced emissions</td>
<td>for up to 3 new routes based on these findings</td>
<td>to release study and business plans</td>
</tr>
</tbody>
</table>

- **12 sites** with models for estimated ridership demand
- **2 routes** with detailed market and feasibility analysis
- + estimates of ridership, time savings, operating costs, deficits/subsidies, seasonality
- **3,689 responses** to the stated preference survey
Current Study Focus + Deliverables

- Ridership modeling

- Dock condition analysis and long term investment strategy for system development and required actions for early implementation

- Route configurations and continued ridership modeling

- Early business planning efforts including long term viability and cost of concept vessels, and stakeholder identification
Inner Harbor Sites Studied for “Circulator”

Ridership analysis and dock conditions focused on the selection of four sites for the Inner Harbor circulator:

- Navy Yard Pier 4 (Charlestown)
- Lewis Mall (East Boston)
- Long Wharf North, South, Central Wharf
- Fan Pier / ICA (Seaport)
- Lovejoy Wharf (North Station)
- Rowes Wharf (Downtown)
- Logan Airport Ferry Terminal (East Boston)
- World Trade Center East (Seaport)
Southern Sites Studied for New/Expanded Route

Marina Bay / Squantum Point (Quincy)

Service to Downtown Boston with emphasis on peak commuter service

Fallon Pier at Columbia Point (Dorchester)

Incorporate into Quincy service off peak
Primarily serving UMass students and JFK Library visitors
Dock Condition Analysis

Ideal Dock Condition Criteria

• ADA compliant access
• Shelter + ticketing areas
• Bow-loading fenders
• Custom site requirement and considerations with operations considerations

Premium Transit Components

• ITS systems
• Terminal identity and signage
• Safety equipment package
• Bike storage
• Conditions surveys and additional custom site elements
Next Steps and Timing

Spring 2018
- **Presentation** to Water Transportation Advisory Council
- **Municipal meetings** focused on key stakeholder identification vetting, early partnership development

Summer 2018
- **Business Plans** for Inner Harbor Circulator and Quincy Route with estimated ridership and operating costs, route and schedule configurations, vessel recommendations,
- **Municipal Reports** on dock conditions and ridership potential
- **Comprehensive Reports** on existing conditions and national best practices
Background and Appendix
### Inner Harbor Dock Condition Analysis

<table>
<thead>
<tr>
<th>Dock Site</th>
<th>Ownership</th>
<th>Est. cost for ideal dock</th>
<th>Est. add’l cost for premium dock</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lewis Mall (East Boston)</td>
<td>Massport, City of Boston</td>
<td>$3,250,000</td>
<td>+ $180,000</td>
</tr>
<tr>
<td>Navy Yard/Pier 4 (Charlestown)</td>
<td>City of Boston</td>
<td>$670,000</td>
<td>+ $490,000</td>
</tr>
<tr>
<td>Long Wharf North + South</td>
<td>MBTA, City of Boston</td>
<td>$490,000</td>
<td>+ $260,000</td>
</tr>
<tr>
<td>Fan Pier / ICA (Seaport)</td>
<td>Fan Pier (private)</td>
<td>$110,000</td>
<td>+ $170,000</td>
</tr>
</tbody>
</table>
# Other Inner Harbor Dock Condition Analysis

<table>
<thead>
<tr>
<th>Dock Site</th>
<th>Ownership</th>
<th>Est. cost for ideal dock</th>
<th>Est. add’l cost for premium dock</th>
</tr>
</thead>
<tbody>
<tr>
<td>Logan Airport Ferry Terminal</td>
<td>Massport</td>
<td>----</td>
<td>+ $130,000</td>
</tr>
<tr>
<td>Lovejoy Wharf (North Station) *</td>
<td>Lovejoy Wharf (private)</td>
<td>$2,360,000 *</td>
<td>+ $130,000</td>
</tr>
<tr>
<td>Rowes Wharf (Downtown)</td>
<td>Rowes Wharf (private)</td>
<td>$6,340,000</td>
<td>+ $190,000</td>
</tr>
<tr>
<td>World Trade Center East (Seaport)</td>
<td>Massport</td>
<td>$6,320,000</td>
<td>+ $130,000</td>
</tr>
</tbody>
</table>

* A new dock will be constructed in Spring/Summer 2018
## Southern Dock Condition Analysis

<table>
<thead>
<tr>
<th>Dock Site</th>
<th>Ownership</th>
<th>Est. cost for ideal dock</th>
<th>Est. add’l cost for premium dock</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fallon Pier at Columbia Point</td>
<td>JFK Library</td>
<td>$4,920,000</td>
<td>+ $140,000</td>
</tr>
<tr>
<td>Point (Dorchester)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Marina Bay/Squantum Point (Quincy)</td>
<td>DCR</td>
<td>$4,710,000</td>
<td>+ $730,000</td>
</tr>
<tr>
<td>Hewitt’s Cove (Hingham)</td>
<td>DCR</td>
<td>$2,740,000</td>
<td>+ $150,000</td>
</tr>
<tr>
<td>Pemberton Point (Hull)</td>
<td>Town of Hull, MBTA</td>
<td>$240,000</td>
<td>+ $130,000</td>
</tr>
</tbody>
</table>
## Winthrop Seaport Boston Quincy Ferry Spring 2018 Schedule

### April 23rd through June 17th

#### Weekday Departure Schedule (commuter times in red)

<table>
<thead>
<tr>
<th>Time</th>
<th>Winthrop</th>
<th>Quincy</th>
<th>Aquarium/Financial District</th>
<th>Quincy</th>
<th>Winthrop</th>
<th>Seaport</th>
<th>Aquarium/Financial District</th>
</tr>
</thead>
<tbody>
<tr>
<td>6:00 AM</td>
<td>6:30 AM</td>
<td>6:30 AM</td>
<td>6:55 AM</td>
<td>7:30 AM</td>
<td>7:55 AM</td>
<td>8:20 AM</td>
<td>8:35 AM</td>
</tr>
<tr>
<td>10:00 AM</td>
<td>10:20 AM</td>
<td>10:35 AM</td>
<td>10:50 AM</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>3:00 PM</td>
<td>3:20 PM</td>
<td>3:30 PM</td>
<td>3:55 PM</td>
<td>4:20 PM</td>
<td>4:35 PM</td>
<td>Quincy</td>
<td>5:00 PM</td>
</tr>
<tr>
<td>5:25 PM</td>
<td></td>
<td>5:55 PM</td>
<td>Winthrop 6:20 PM</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>THURSDAY/FRIDAY ONLY</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Quincy 9:00 PM</td>
<td></td>
<td>9:25 PM</td>
<td>9:35 PM</td>
<td>Winthrop 10:00 PM</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Winthrop 7:30 PM</td>
<td>Seaport 7:50 PM</td>
<td>Aquarium/Financial District 8:05 PM</td>
<td>Winthrop 8:35 PM</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

#### Sat/Fri Afternoon Charters Available

- 12:00 PM to 1:00 PM: $200
- 1:00 PM to 2:00 PM: $200

#### Saturday/Sunday Departure Schedule

<table>
<thead>
<tr>
<th>Time</th>
<th>Winthrop</th>
<th>Seaport</th>
<th>Aquarium/Financial District</th>
<th>Quincy</th>
<th>Seaport</th>
<th>Aquarium/Financial District</th>
<th>Winthrop</th>
</tr>
</thead>
<tbody>
<tr>
<td>9:00 AM</td>
<td>9:50 AM</td>
<td>10:05 AM</td>
<td>10:50 AM</td>
<td></td>
<td></td>
<td></td>
<td>11:00 AM</td>
</tr>
<tr>
<td>12:20 PM</td>
<td></td>
<td>12:35 PM</td>
<td>Seaport Arrival Only</td>
<td></td>
<td></td>
<td></td>
<td>12:00 PM</td>
</tr>
<tr>
<td>5:05 PM</td>
<td></td>
<td>5:20 PM</td>
<td>Winthrop 6:00 PM</td>
<td></td>
<td></td>
<td></td>
<td>6:00 PM</td>
</tr>
<tr>
<td>7:50 PM</td>
<td></td>
<td>8:05 PM</td>
<td>Quincy 8:35 PM</td>
<td></td>
<td></td>
<td></td>
<td>9:45 PM</td>
</tr>
</tbody>
</table>

---

**Quincy/Winthrop Spring Schedule**
Thank You

abrown@bostonharbornow.org

nathan.peyton@dot.state.ma.us