

# Water Transportation Advisory Council

December 21, 2017



# Agenda

- Welcome and introductions
- Update on the Water Transportation Study
- Discussion of Next Steps towards business plans
  - How to use working groups moving forward ?
- Lightening Round updates
  - Members update on Water Transportation happening in their communities
- Adjournment



# 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

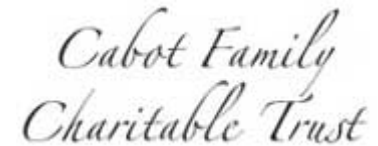


- Strategy and scope for an RFP to procure a ferry service operator including recommendations for one or two new services



# 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 + pilot limited weekend service to Harbor Islands

**Quincy**  
Marina Bay / Squantum Point

Study potential, regular service + study potential to Harbor Island Gateway site

**Hingham**  
Hingham Coast Guard

Study additional destinations + study potential improvements to better meet service

**East Boston**  
Longwood East Point

Study new destinations + study potential improvements to better meet service

**North Boston**  
North End

Study new destinations + study potential improvements to better meet service

**South Boston**  
South End

Study new destinations + study potential improvements to better meet service

**Lynn**  
Blossom Street Pier

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

**Dorchester**  
Fallon Pier at Columbia Point

Study new service

**Hall**  
Hall's Pointe Pier

Study potential destinations + study potential improvements to better meet service

**East Boston**  
East End

Study new destinations + study potential improvements to better meet service

**Dorchester**  
Dorchester Point

Study new destinations + study potential improvements to better meet service

**Winthrop**  
Winthrop Ferry Dock

Support improvements to existing service

## Sites with No Further Analysis

Medium  
Term  
Potential

Long  
Term  
Potential

Medium  
Term  
Potential

Long  
Term  
Potential

Medium  
Term  
Potential

Long  
Term  
Potential

Medium  
Term  
Potential

Long  
Term  
Potential

Medium  
Term  
Potential

Long  
Term  
Potential

## Water Transportation Study Process

- Existing Conditions
- Water Transportation Workshops
- Stated Preference Survey
- National Best Practices
- Site Profiles
- Open House
- Sites Analyzed for New Routes
- Routes Selected
- Business Plans

# 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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## ***Next Steps towards business plans***

- Brief Ridership Modeling Update
- How to use working groups moving forward
- Lightning Round updates
  - Members update on Water Transportation happening in their communities
- Adjournment

# ***Lightening Round updates***

- Water Transportation happening in your communities

Thank You

# Appendix

