

MAPC Project Updates

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February 7, 2019

REGIONAL TRAIL PLANNING

LandLine Regional Greenway Vision

- 1500 mile network of greenways and foot trails
- Connecting 72% of the MAPC population within ½ mi
-



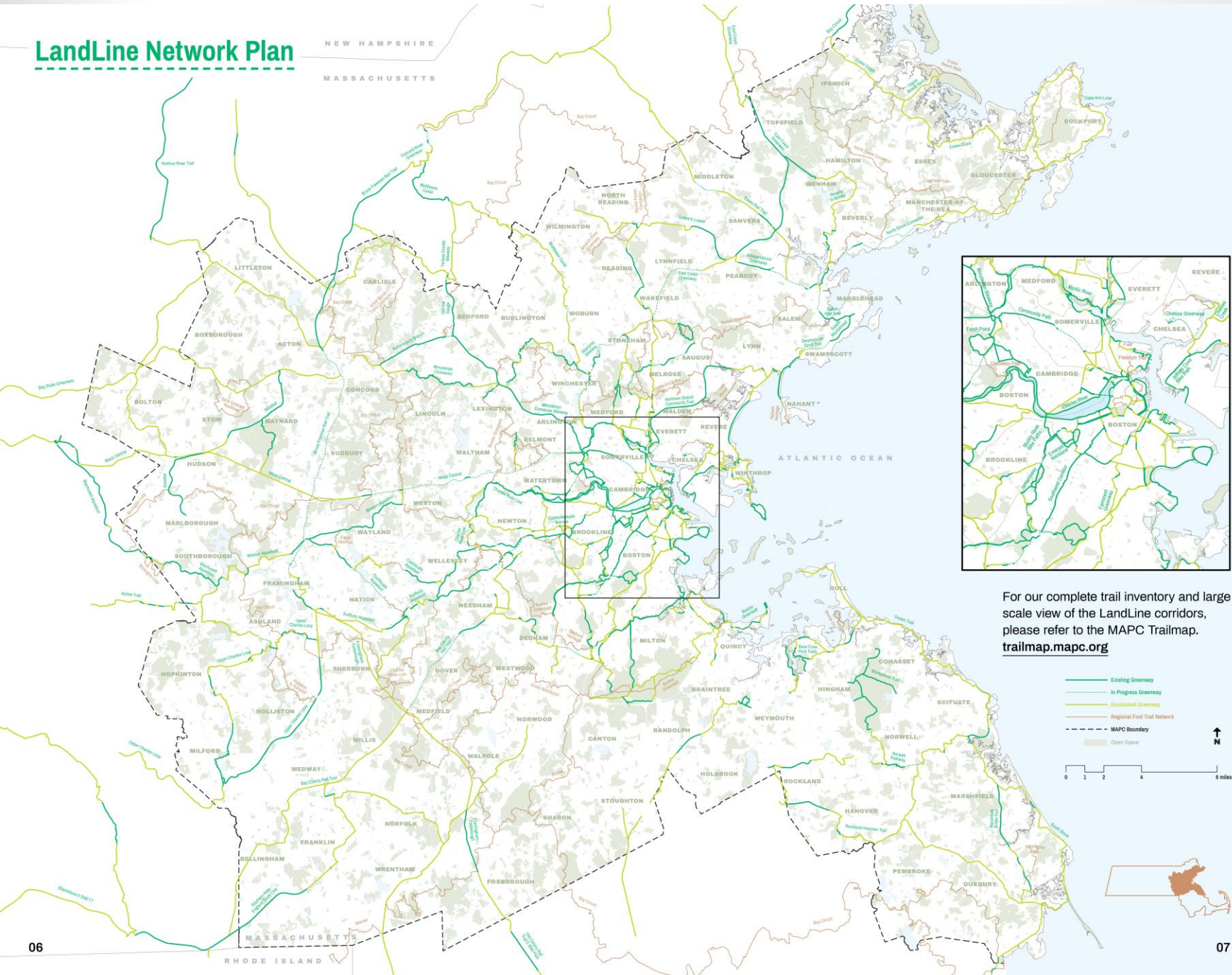
ENTIRE MAPC REGION

913 MILES TOTAL



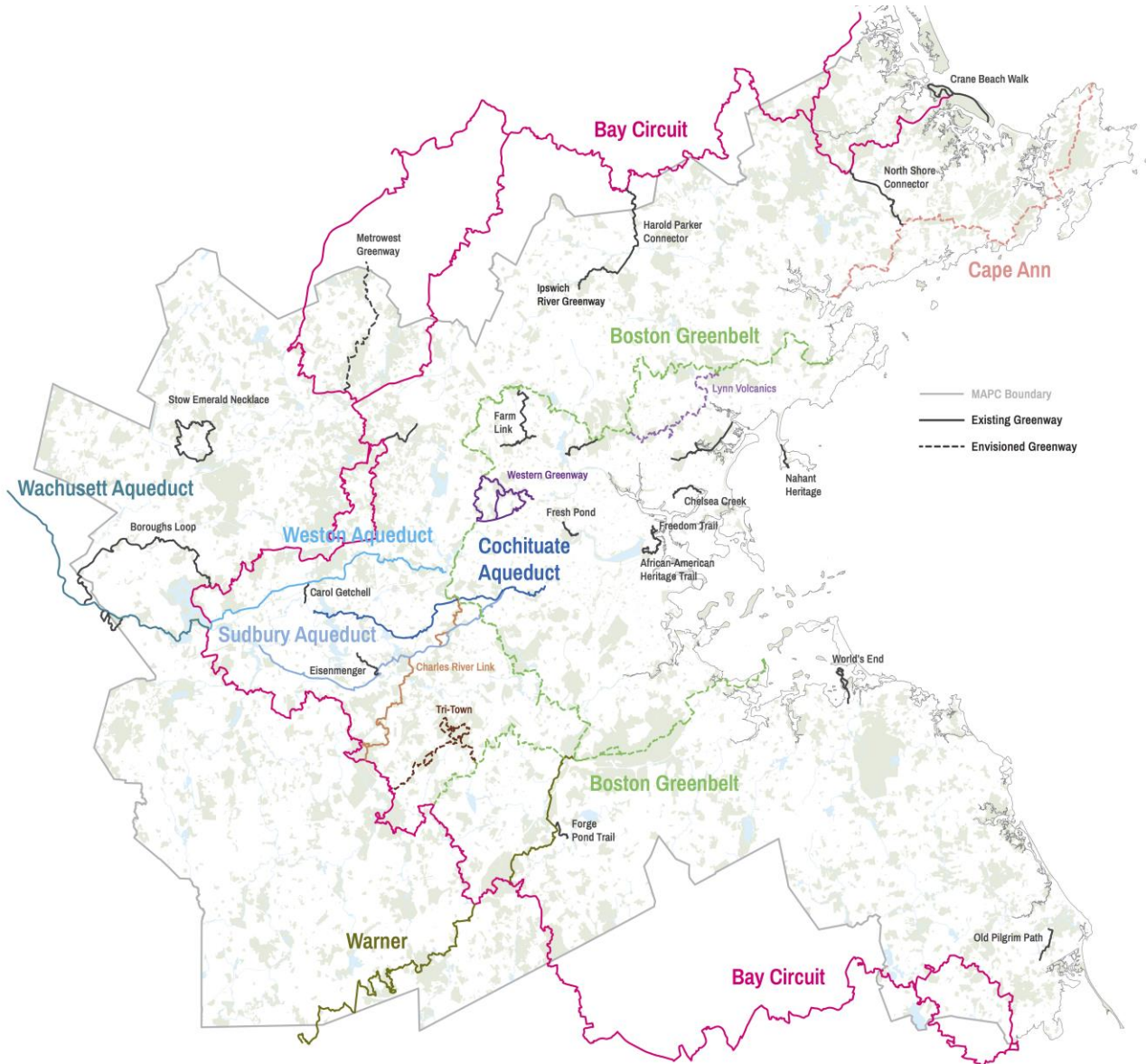
■ EXISTING
■ IN CONSTRUCTION
■ PROPOSED

LandLine Network Plan



For our complete trail inventory and large scale view of the LandLine corridors, please refer to the MAPC Trailmap. trailmap.mapc.org

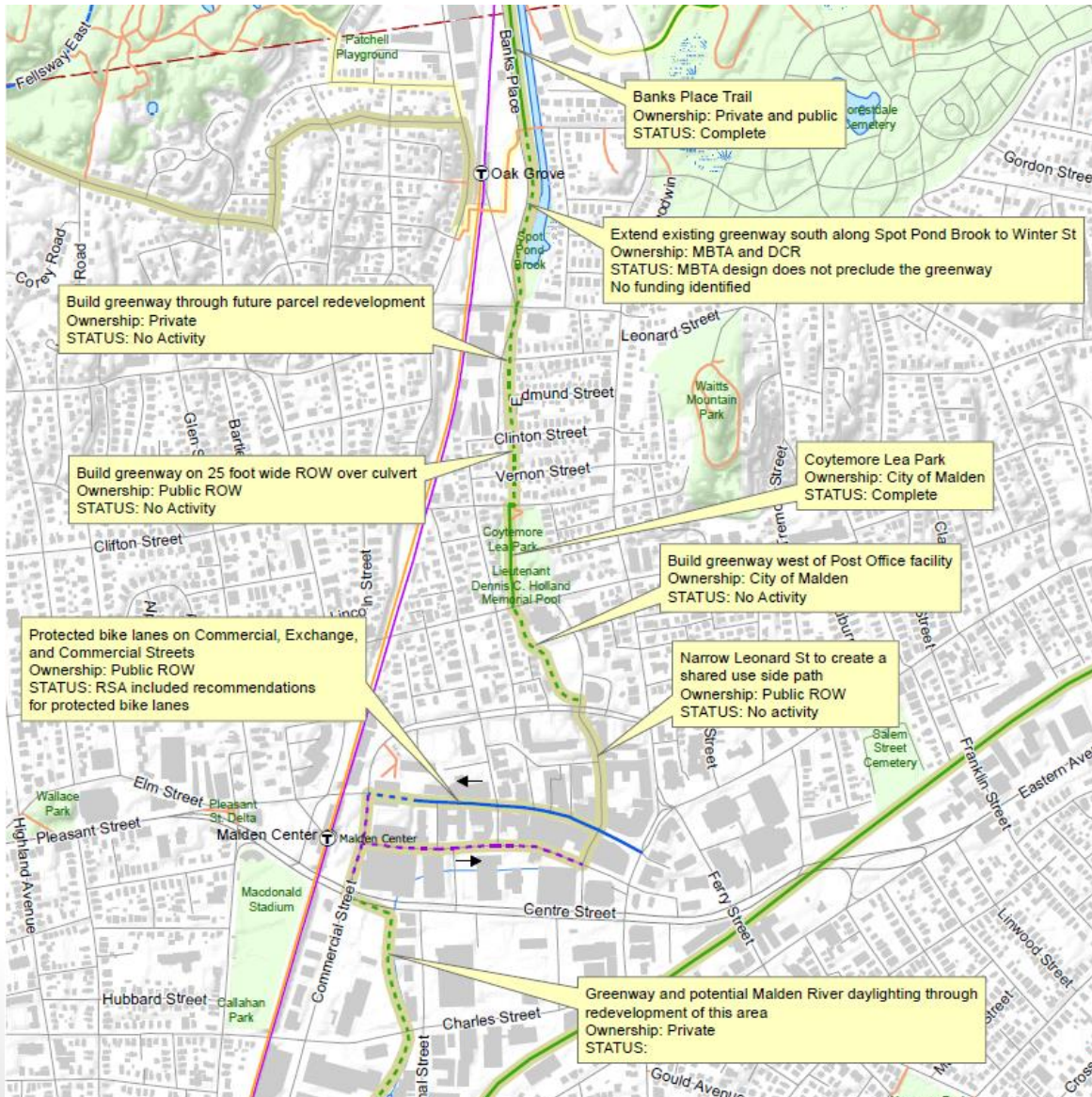
Foot Trail Vision



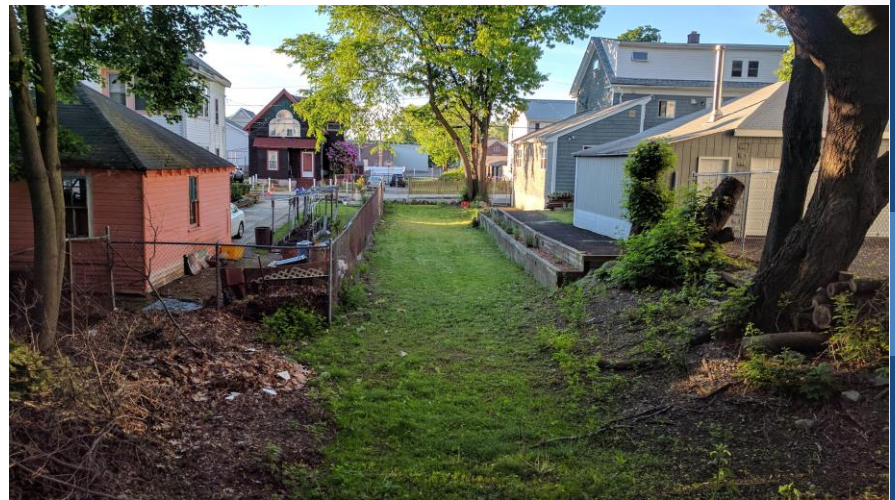
Spot Pond Brook Greenway

- Greenway concept that extends north from the Malden river through downtown Malden to Oak Grove and into Melrose
- Follows the alignment of the buried Spot Pond Brook
- 2 completed segments
- 8 TBD
- 1 segment under discussion with the MBTA at Oak Grove

Spot Pond Brook Greenway

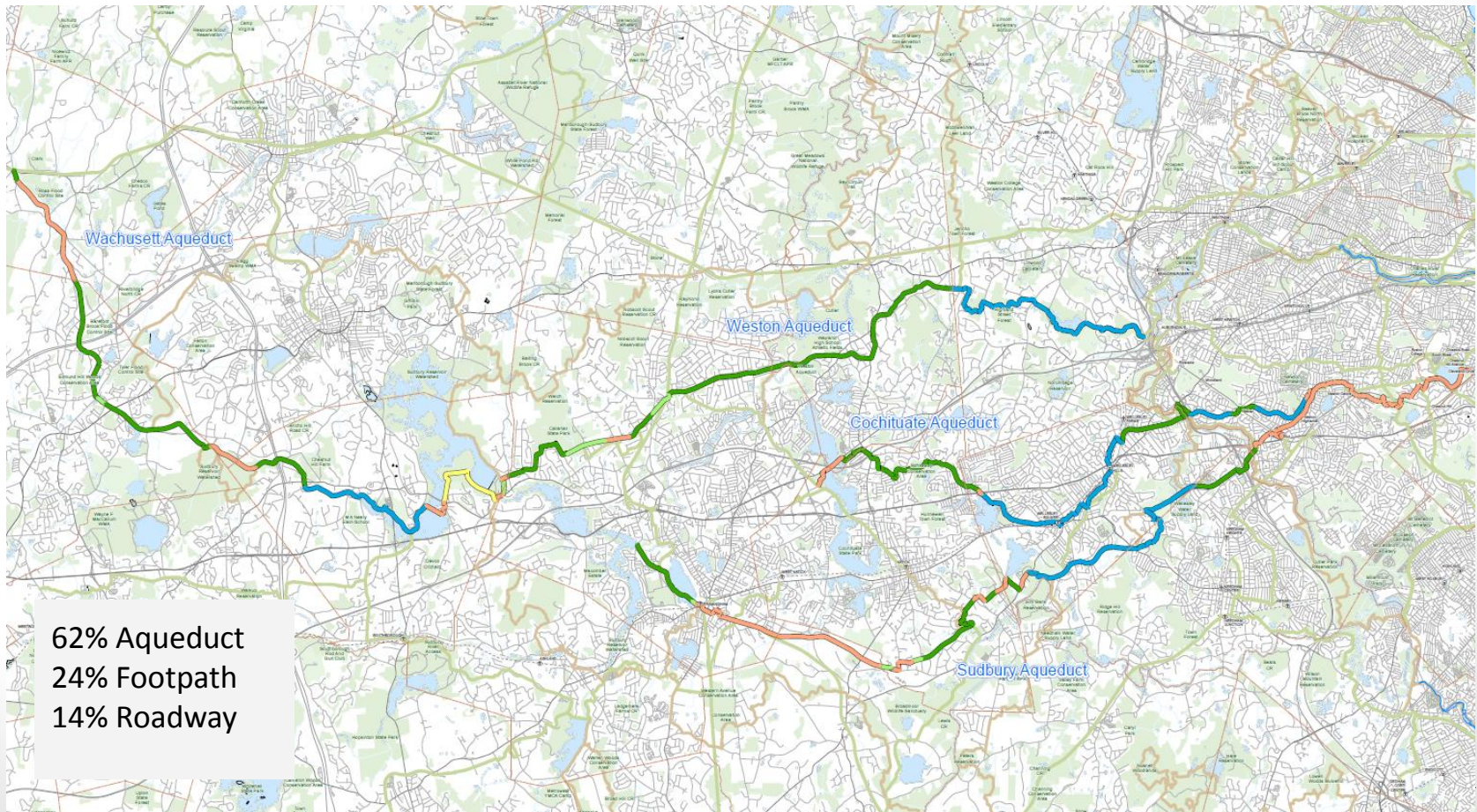


Spot Pond Brook Greenway



Aqueduct Trails

- 68 Mile network of 4 aqueducts
- Partnership with the MWRA and 12 municipalities



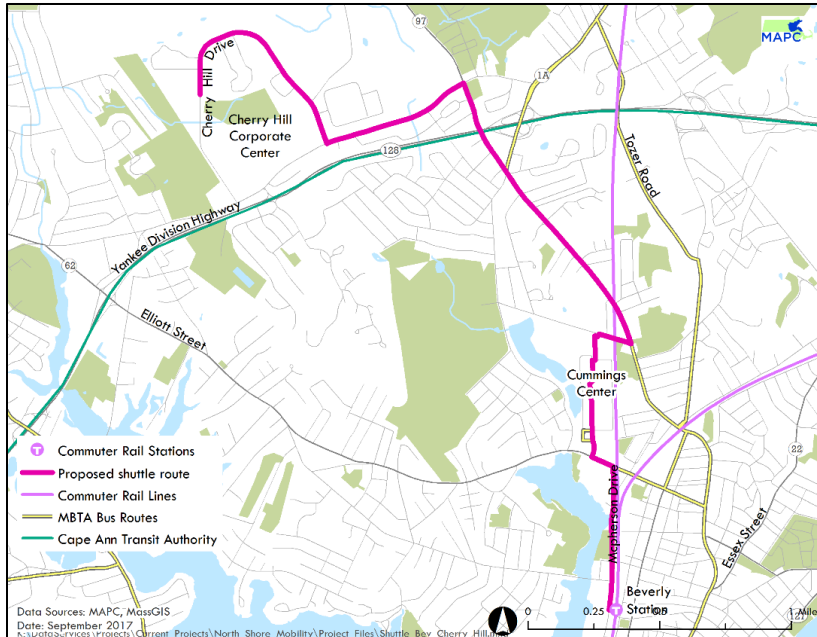
Aqueduct Trails



SUBURBAN MOBILITY



North Shore Shuttle Pilot














- E and R grant awarded in 2018 to MAPC
- MAPC/ N Shore TMA Memorandum of Agreement
- Outreach to and agreements with businesses
- Procurement of shuttle operator
- One year pilot

Transit Coverage MAGIC Subregion

Weekday 8AM Coverage

Legend

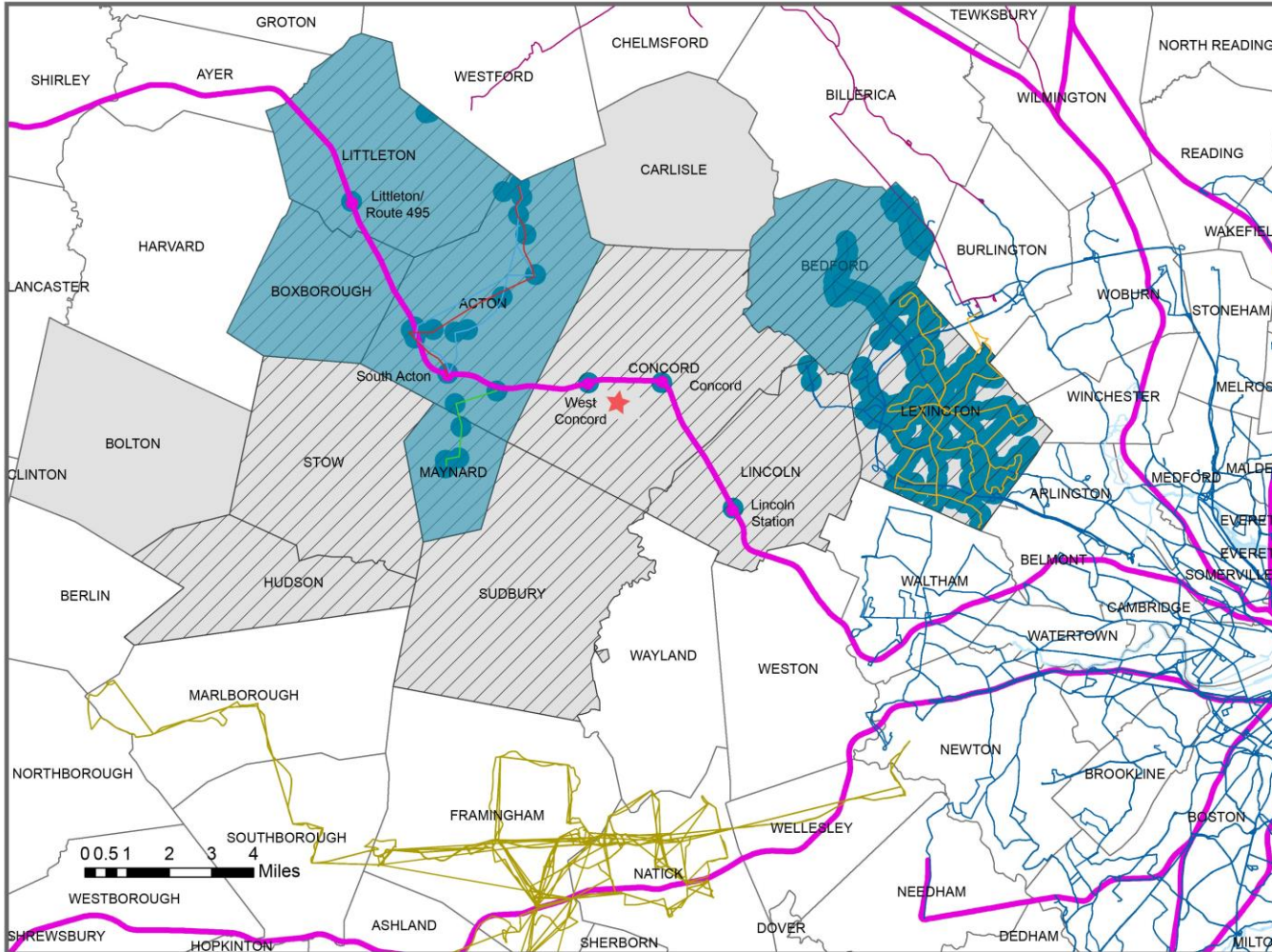
-  Emerson Hospital
-  Dial-A-Ride Service
-  Age Restricted, Dial-A-Ride Service
-  Fixed Route Transit
-  Lexpress Bus Routes
-  MetroWest RTA Routes
-  MBTA Bus Routes
-  MBTA Commuter Rail
-  MAGIC Towns
-  MA Towns
-  Ocean

The information depicted on this map is for planning purposes only. It is not adequate for legal boundary definition, regulatory interpretation, or parcel-level analyses.

Produced by:
Metropolitan Area Planning Council
60 Temple Place, Boston, MA 02111
(617) 933-0700

Data Sources: MAPC, MassGIS, MassDOT












February 2019



Transit Coverage MAGIC Subregion

Weekday 7PM Coverage

Legend

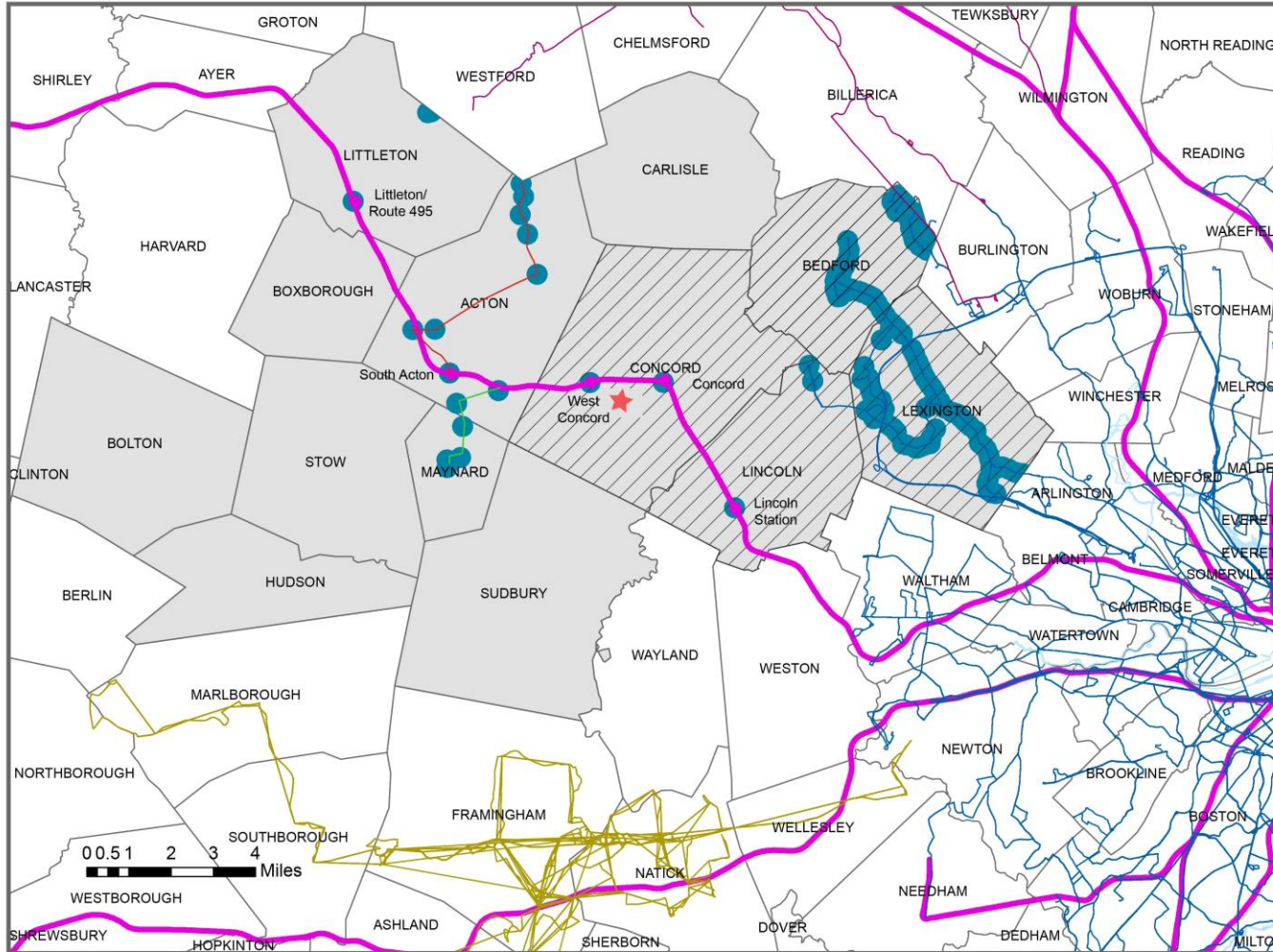
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Possible Solutions

Ride Hail Partnerships

- Taxis, Uber, Lyft
- Low capital
- Successful best practices in MA
(MAPC Ride-Hail Partnerships Forum, Sept. 2018)
- Concerns:
 - Data sharing
 - Driver recruitment
 - Equity
 - Few shared rides

Microtransit

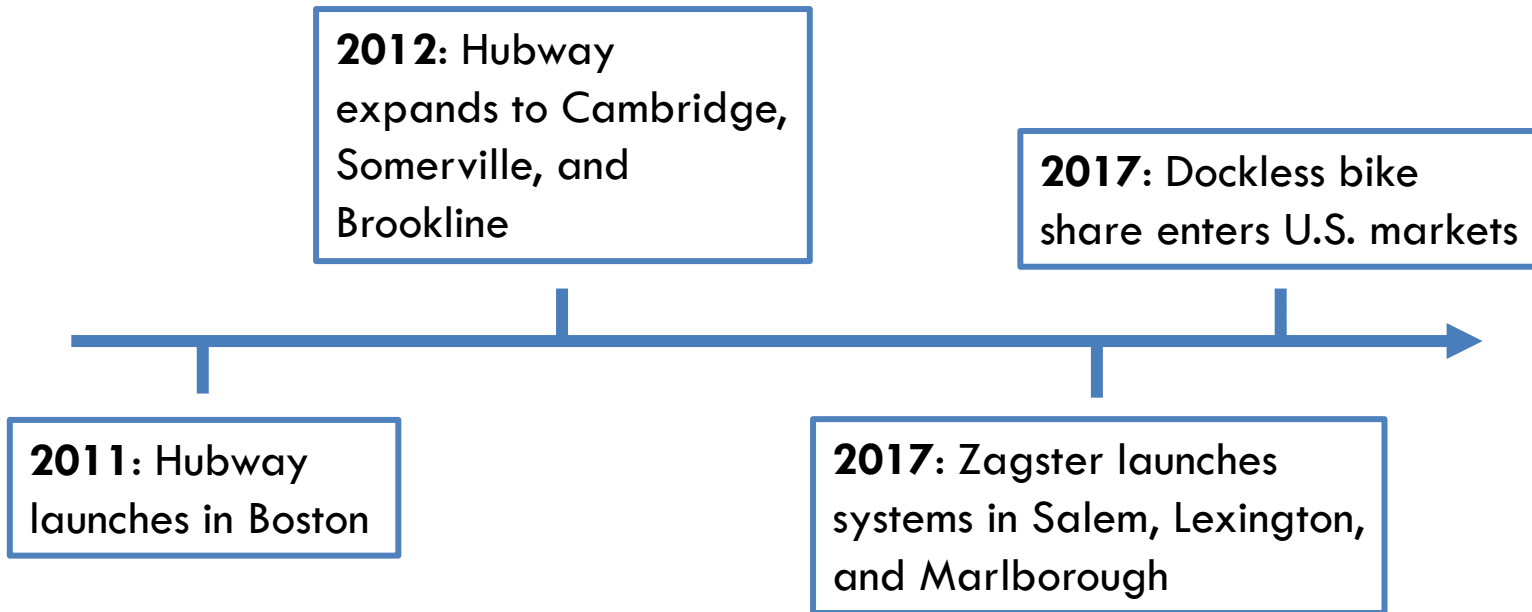
- On-demand, dynamic public transit via advanced software
- Successful best practices in US
- Fully accessible, equitable transit option
- Shared rides priority
- Public model, public data
- MAPC RFI on Microtransit
(Jan/Feb 2019)
- Concerns:
 - New business model
 - Fewer rural best practices
 - Usually small geography
 - Additional operating costs

“Mobility as a Service”

- Public transit and ride-hail options on a single app, single point of payment

SHARED MICRO-MOBILITY

History of Bike Share in Metro Boston



MAPC's Role

- With initial support from the Boston MPO, MAPC has long played a role coordinating the Hubway system
- Heard significant interest in dockless bike share from inner suburban communities
- Wanted to ensure a coordinated regional effort



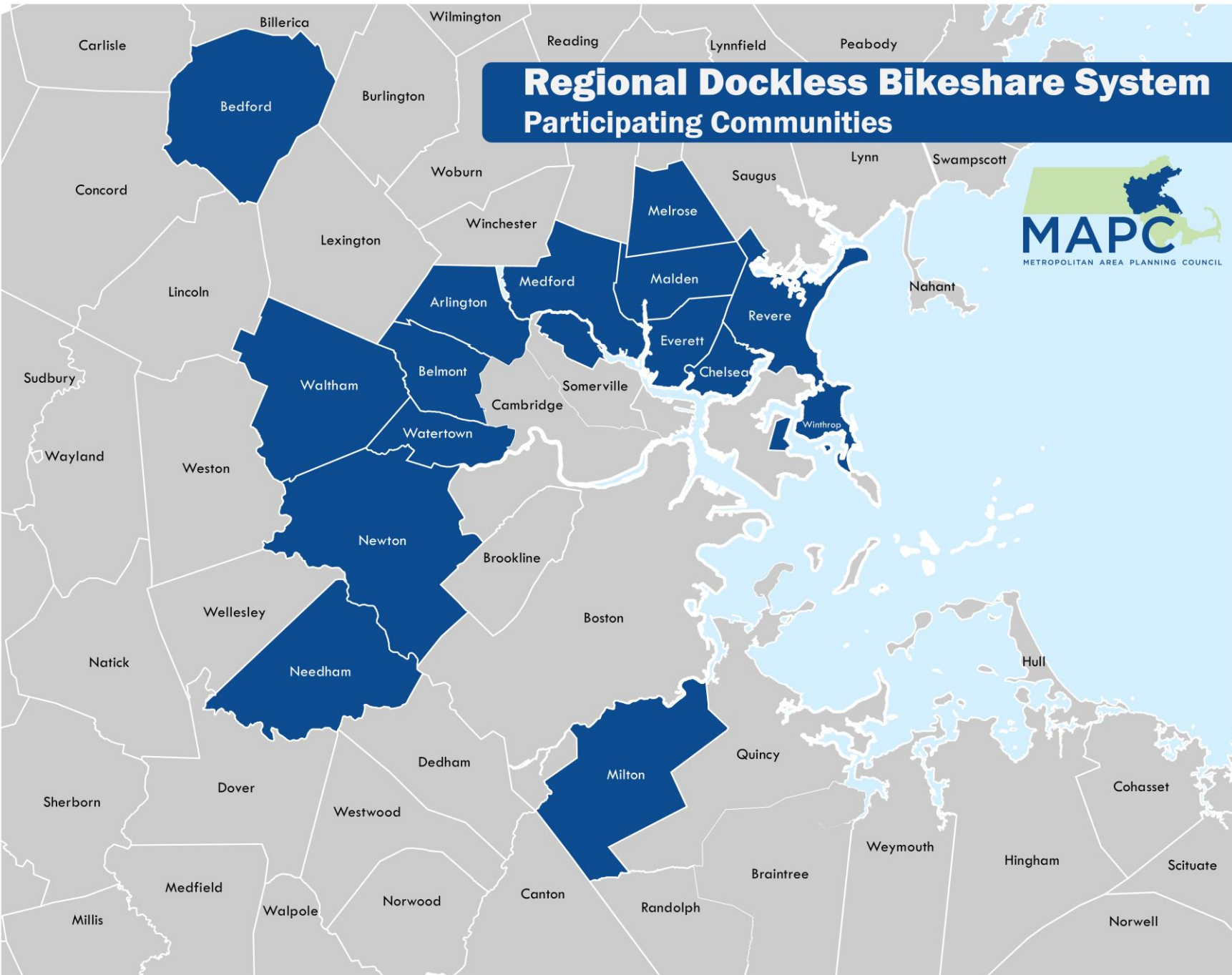
Key Issues



Source: curbed.com

- Parking and rebalancing standards
- Data sharing and security
- Equity
- Coordination with non-participating communities

Regional Dockless Bikeshare System Participating Communities



Preliminary Data



Source: Wicked Local Bedford

- 12 of 15 communities have launched
- Around 1,800 pedal bikes and 200 electric assist bikes on the ground
- In total, nearly 300,000 trips taken
- Over 50,000 riders
- Over 200,000 miles ridden to date

Shared Electric Scooters



Source: Bloomberg

- First shared electric scooter system in U.S. launched in March 2018,
- Bike share companies expanding fleets to include scooters
- Regulatory and operational challenges
- Working with Boston, Cambridge, Brookline, and Somerville to explore regional permitting/licensing options

Shared Mobility Opportunities

- Expand access to cycling and encourage active modes of transportation
- Potential to realize mode shift and strengthen first mile/last mile connections to transit
- Collect data to inform future infrastructure investments and encourage reconsideration of how curb space is allocated
- Promote transportation choice and support urban car-free livability

Thank you!