

# Newburyport Bike Share Pilot Program

Newburyport City Council  
Community Services Committee

September 16, 2024

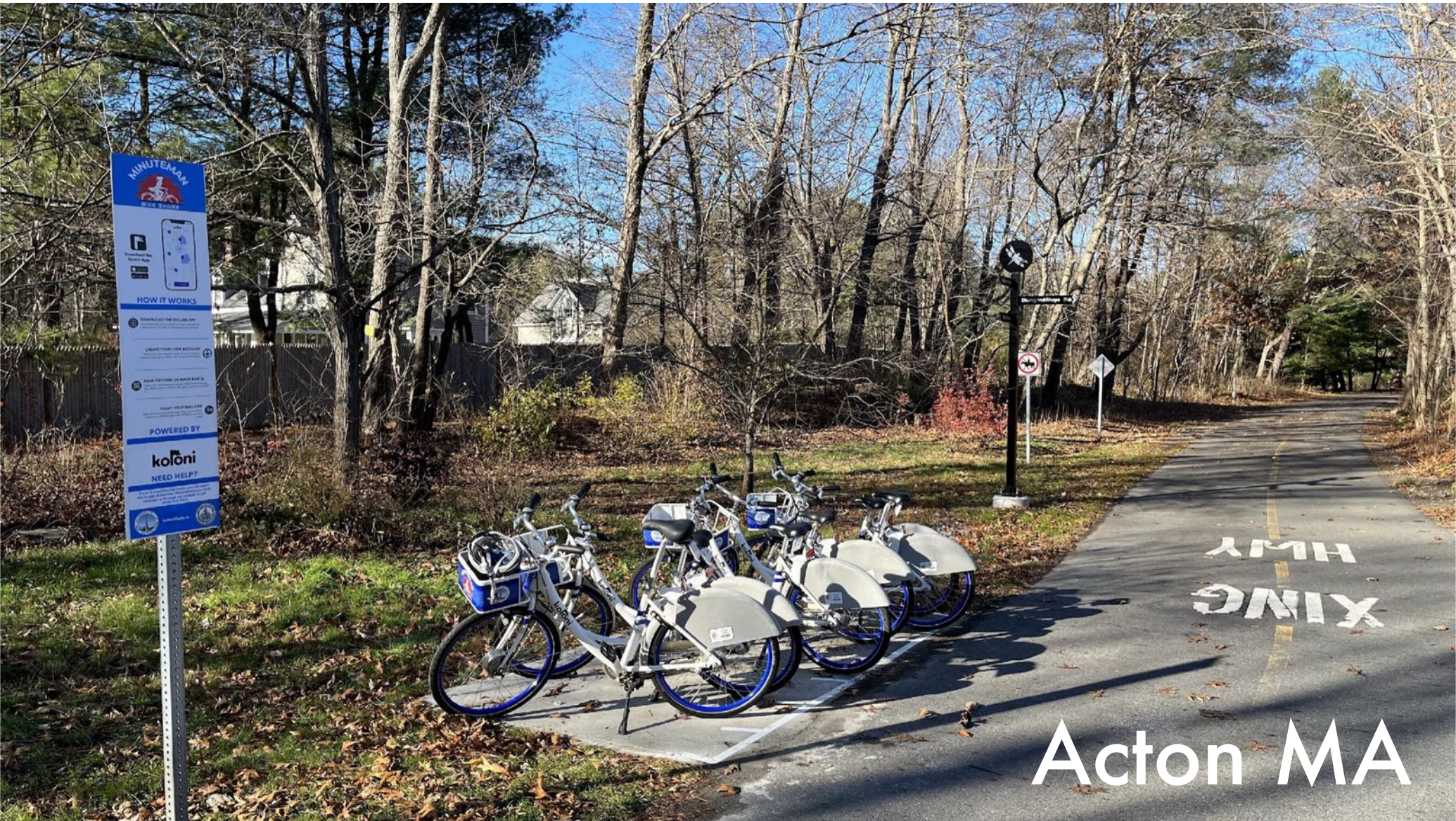


NEWBURYPORT LIVABLE STREETS



# Bike Share Stations in Small Systems





Acton MA





Concord MA





West Springfield MA





Portland ME





Harrisburg PA





Reading PA



## Potential Station Locations

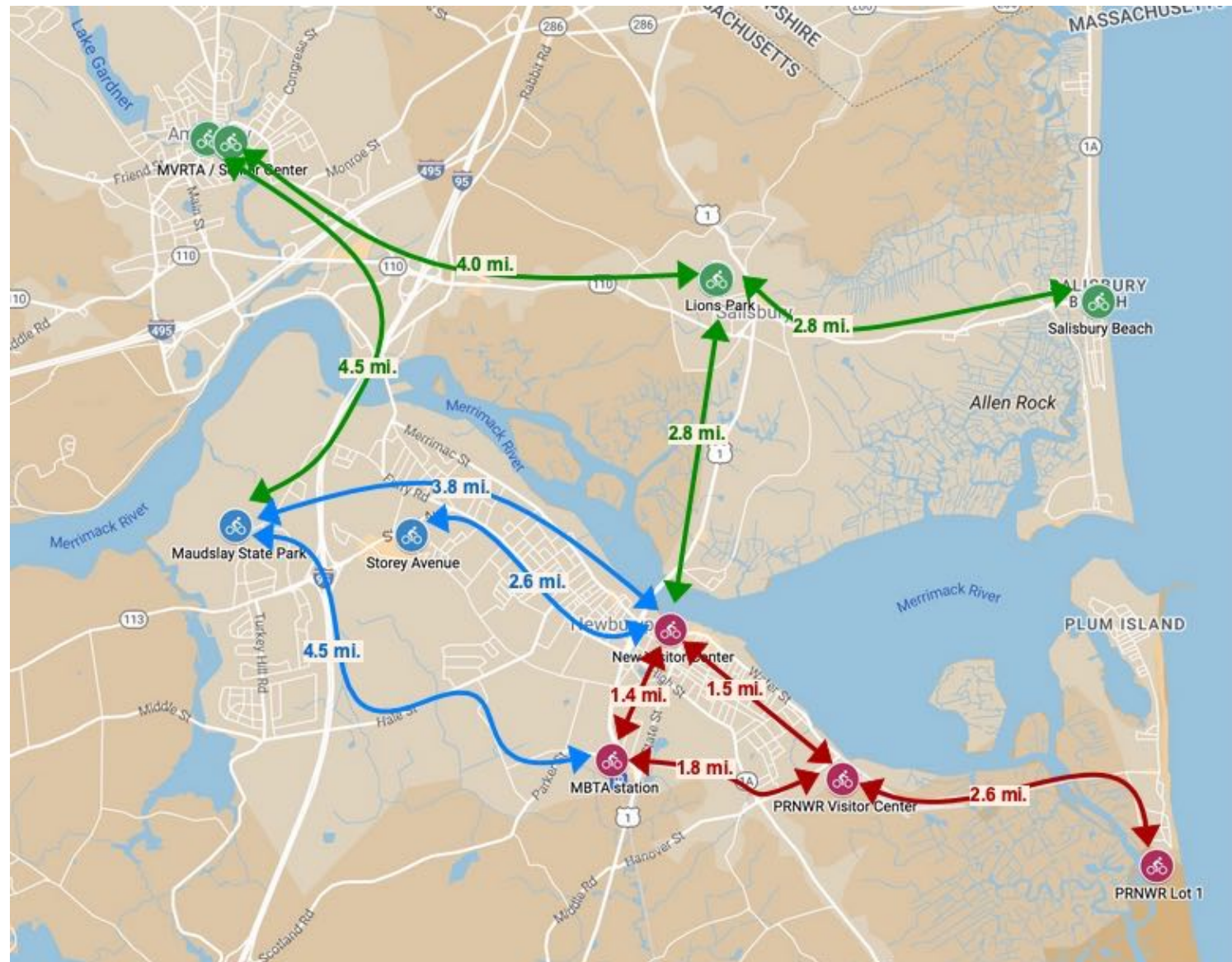


## Initial Scale and Growth

- Start with 30-35 bikes and 5-6 stations in year 1  
Grow to 45-50 bikes and 9-10 stations in years 2 & 3  
Expand to adjacent communities if they choose
- Use the rail trails as the initial spine  
Expand to key destinations in future years
  - Anna Jacques Hospital
  - Parker River National Wildlife Refuge
  - Maudslay State Park



January 2024

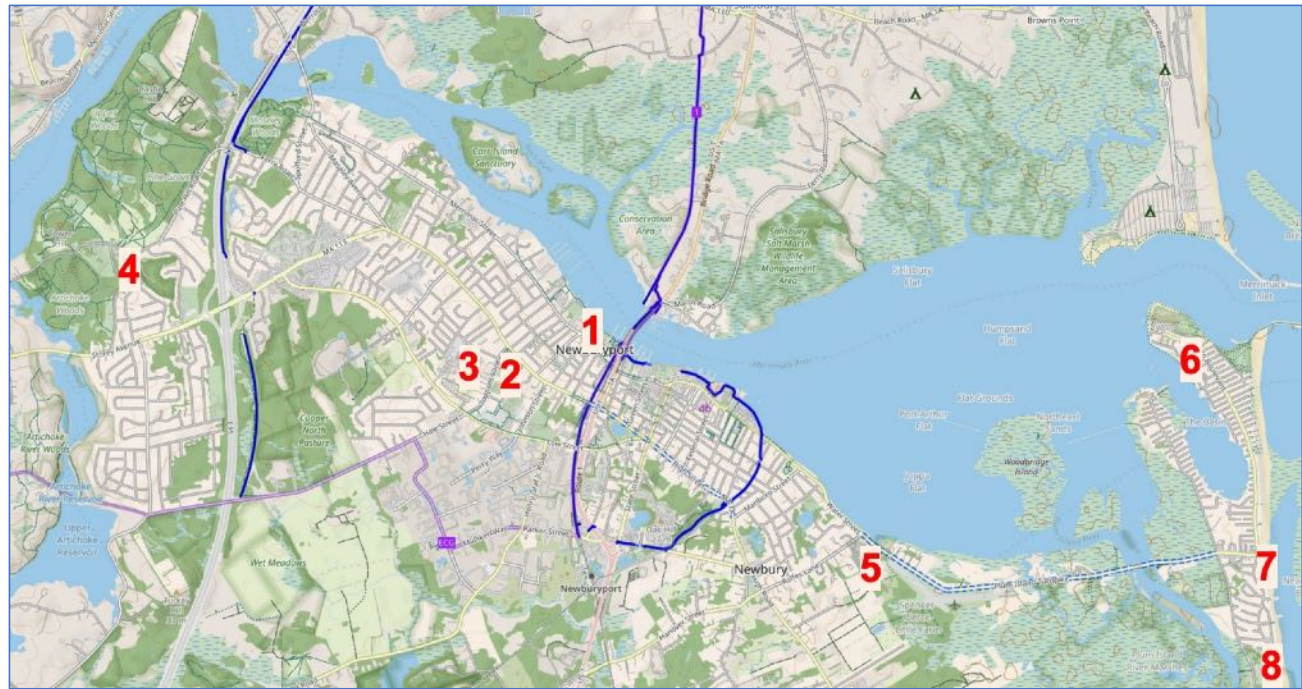




## Bike Share Survey – February 2024

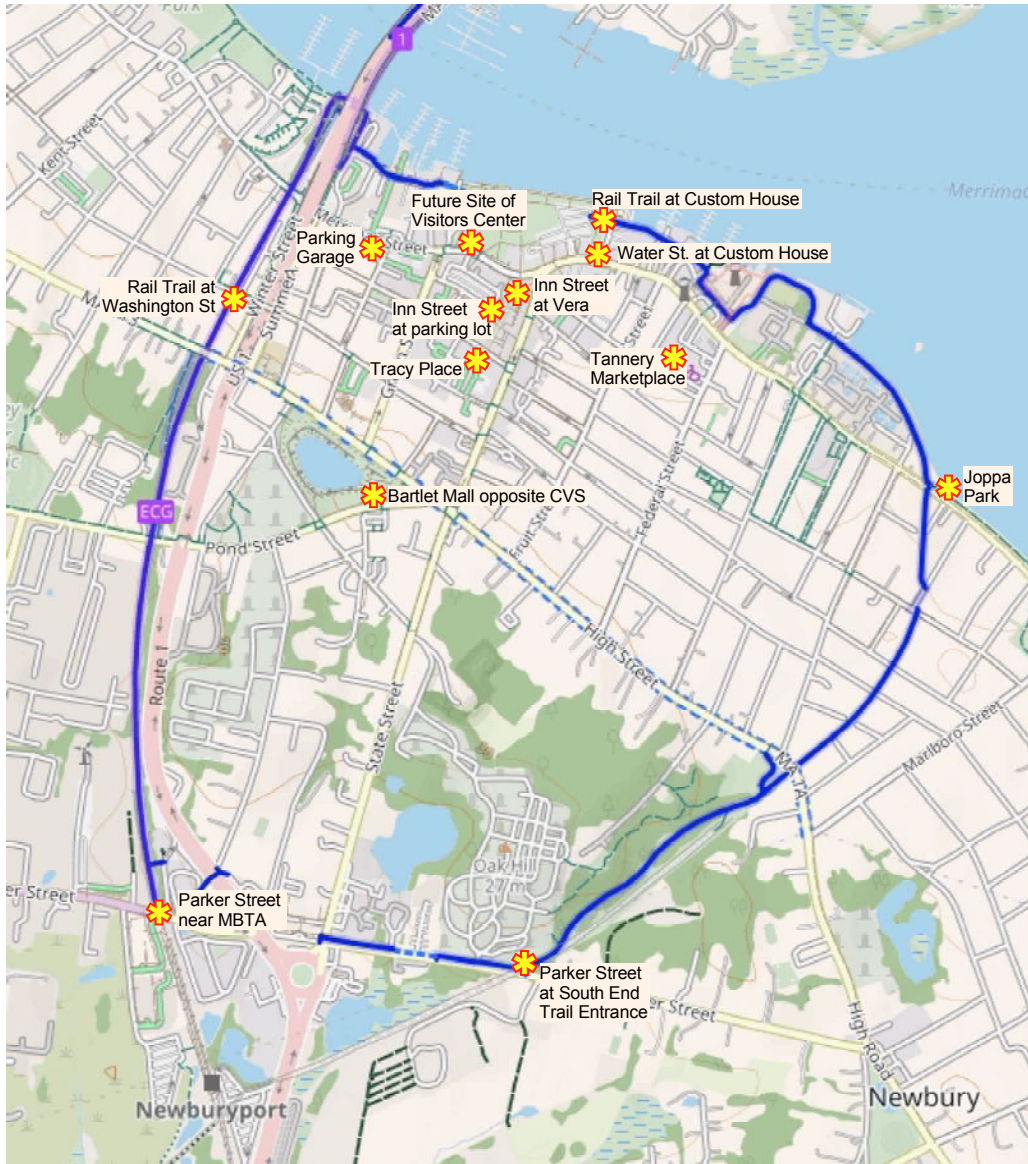


On Rail Trail



Off Rail Trail

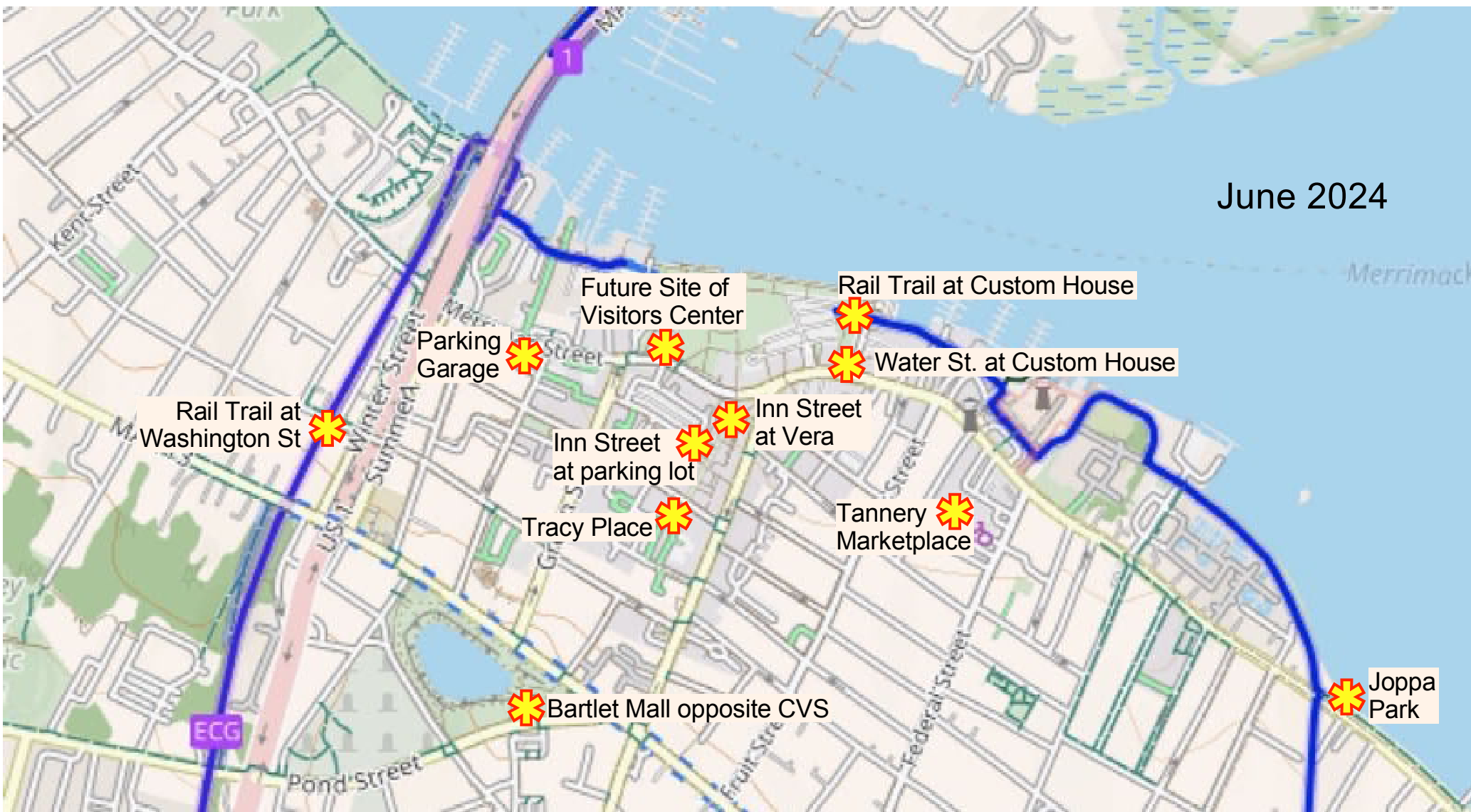




June 2024

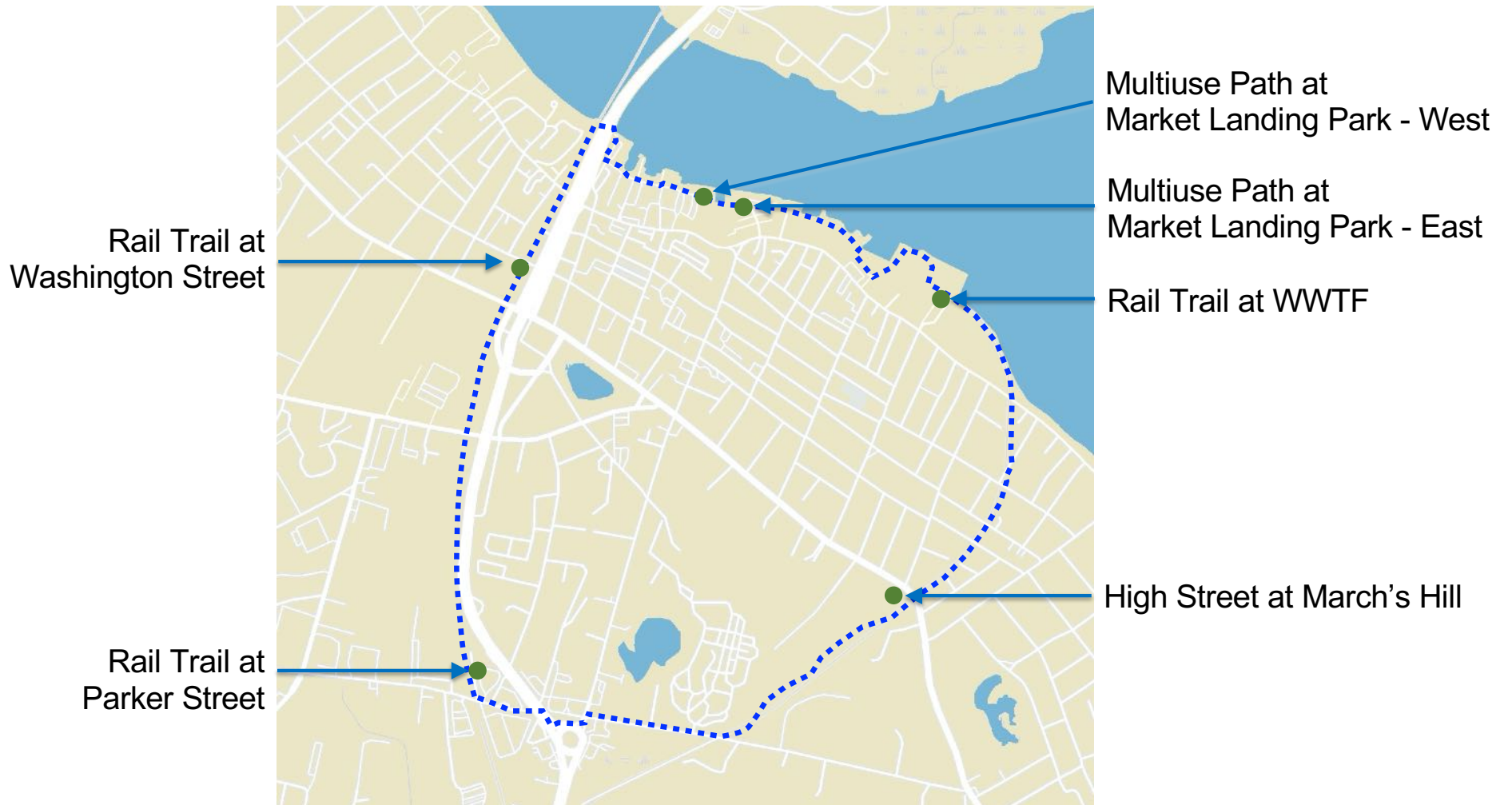


June 2024





## Proposed Stations – Phase 1



## Impact on Multiuse Trails

- Existing Saturday bike volumes (September 2023 estimate)
  - CCRT near High Street bridge: 400 bikes
  - CCRT near Osprey sculpture: 320 bikes
- Estimated daily bike share rides
  - 2025: 16
  - 2026: 36
  - 2027: 48
- Maximum impact on trails: +5% in 2025, rising to +15% in 2027



# Vendor Procurement and Contracting

## Turnkey Contract

- Vendor is responsible for:
  - Providing / installing / maintaining bike share stations
  - Providing / owning / maintaining / rebalancing bikes
  - Replacing bikes as needed
  - Providing / maintaining smartphone app for bike rentals  
(with back-end for vendor and City to monitor bikes and rides)
  - Collecting user fees and memberships and remitting to City
  - Seasonal storage of bikes
  - Insurance / liability
- RFP will allow for vendor to be entrepreneurial – securing additional funding to grow the program, subject to City approval



## Vendor Selection and Contracting

Timeline	Action
October 2024	<b>Finance Department</b> issues RFP for bike share services
November 2024	<b>Mayor</b> selects vendor (but does not contract)
December 2024	<b>MassDOT and FHWA</b> approve scope, term and budget
January 2025	<b>MassDOT</b> enters into contract with City to reimburse 80% of capital costs
February 2025	<b>City</b> executes contract with vendor

## Funding and City Council Timeline



# Financial Overview

Updated 8/26/24

year	FY 2025	FY 2026	FY 2027
Bikes in system	33	48	48
# of stations	6	9	9
# of racks/spaces (2/bike)	66	96	96
<b>VARIABLES</b>			
Turnkey cost per bike	\$2,200	\$2,200	\$2,200
User fee per ride (base)	\$2.00	\$2.00	\$2.00
Membership per month	\$25	\$25	\$25
Rides/bike/day	0.5	0.75	1
<b>COSTS</b>			
Launch costs	\$5,000	\$0	\$0
Capital costs	\$58,080	\$84,480	\$84,480
Operating costs	\$14,520	\$21,120	\$21,120
<b>Estimated annual system cost</b>	<b>\$77,600</b>	<b>\$105,600</b>	<b>\$105,600</b>
<b>SOURCES OF FUNDS</b>			
Federal funds	<b>\$46,000</b>	<b>\$67,000</b>	<b>\$67,000</b>
Other grants and sponsorships	\$11,000	\$2,500	\$2,500
User fares	\$5,940	\$12,960	\$17,280
User memberships	\$0	\$750	\$1,125
Previous year's surplus	–	\$0	\$0
Remaining to raise (as of 8/15/24)	\$14,660	\$22,390	\$17,695
<b>Total system funds</b>	<b>\$77,600</b>	<b>\$105,600</b>	<b>\$105,600</b>

## Funding Needs Summary

	FY 2025	FY 2026	FY 2027	3-Year Total
<b>System budget</b>	<b>\$77,600</b>	<b>\$105,600</b>	<b>\$105,600</b>	<b>\$288,800</b>
<b>Federal funds</b>	<b>\$46,000</b>	<b>\$67,000</b>	<b>\$67,000</b>	<b>\$180,000</b>
Grants and sponsorships	\$11,000	\$2,500	\$2,500	\$16,000
User fares and memberships	\$5,940	\$13,710	\$18,405	\$38,055
Remaining amount to raise	\$14,660	\$22,390	\$17,695	\$54,745
<b>Fundraising target</b>	<b>\$25,000</b>	<b>\$25,000</b>	<b>\$25,000</b>	<b>\$75,000</b>



## Grants and City Council Approvals

Target Date	Action
10/15/24	<b>Mayor</b> submits orders to <b>City Council</b> to accept grants & donations: <ul style="list-style-type: none"> <li>• \$ 180,000 FHWA/CMAQ</li> <li>• \$ 5,000 Institution for Savings Charitable Foundation</li> <li>• \$ 10,000 Coastal Trails Coalition</li> <li>• \$ 1,000 Newburyport Livable Streets (NH Charitable Foundation)</li> <li>• Others as received</li> </ul>
10/23/24	<b>MVMPO</b> approves TIP amendment, programming Federal grant to Newburyport bike share pilot
10/28/24	<b>City Council</b> approves orders accepting grants and donations

## Timeline After Vendor Selection

Timeline	Action
January-February	<b>City</b> executes contract with bike share vendor
February-March	<b>City</b> issues RFP for concrete contractor
March-April	<b>Concrete contractor</b> pours pads <b>Bike share vendor</b> sets up bike share stations and prepares app
April-May	<b>System startup</b>