

Newburyport Bike Share Pilot Program

Newburyport City Council
Public Works & Safety Committee

November 18, 2024



Comparable Bike Share Systems



Acton MA

Comparable Bike Share Systems



Concord MA

Comparable Bike Share Systems



Harrisburg PA

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

Initial Scale and Growth

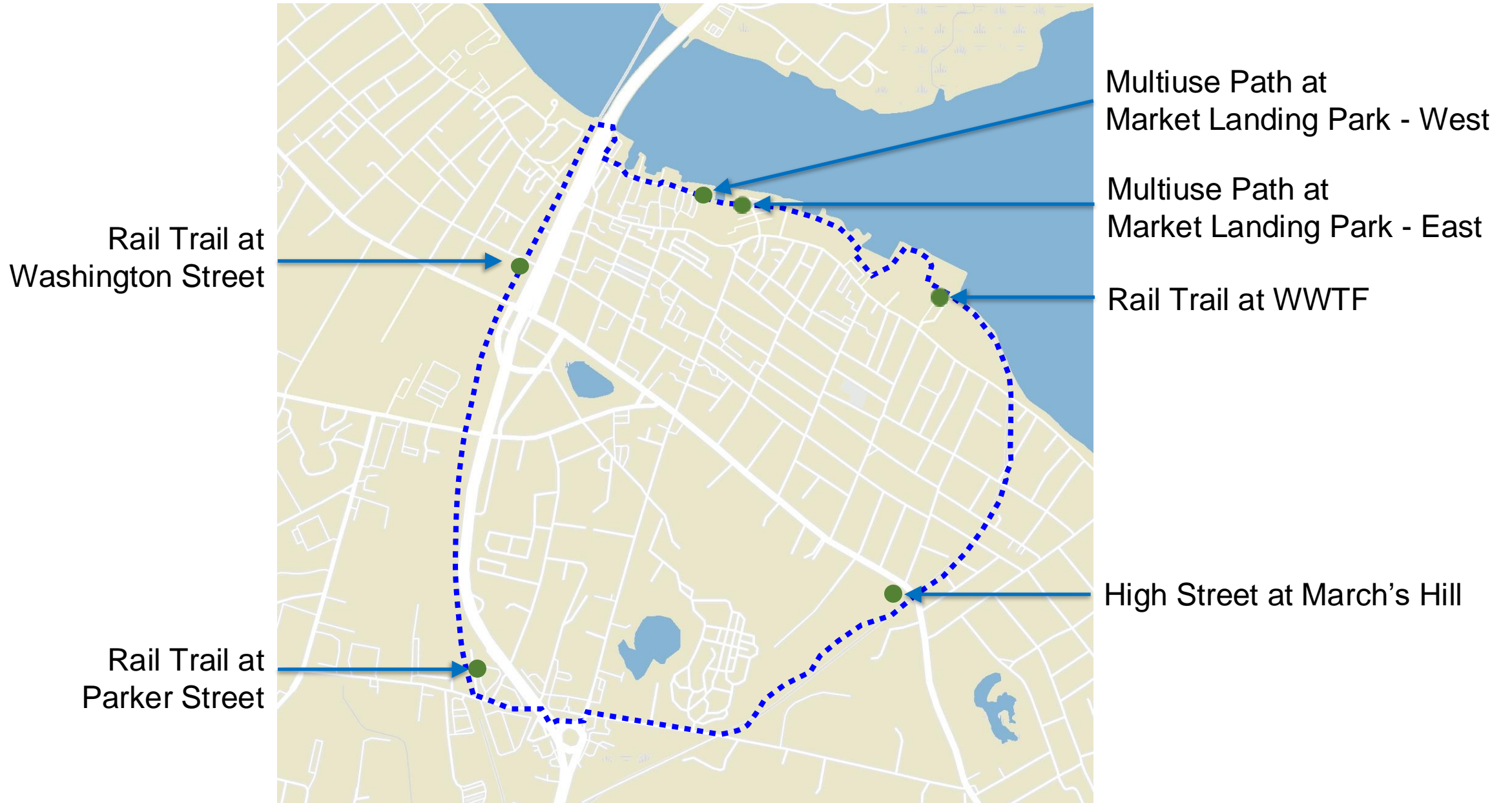
2025 – Start with 5-6 stations and 30-35 bikes

- Use the Clipper City Rail Trail as the initial spine

2026 – Grow to 9-10 stations and 45-50 bikes

- Expand to key destinations, such as –
 - Parker River National Wildlife Refuge
 - Maudslay State Park
 - Anna Jaques Hospital

Proposed Stations – 2025



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

Financial Overview

year	FY 2025	FY 2026	FY 2027	3-Year Total
Bikes in system	33	48	48	
# of stations	6	9	9	
VARIABLES				
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	
COSTS				
Site preparation	\$15,000	\$0	\$0	\$15,000
Capital costs	\$58,080	\$84,480	\$84,480	\$227,040
Operating costs	\$14,520	\$21,120	\$21,120	\$56,760
Estimated annual system cost	\$87,600	\$105,600	\$105,600	\$298,800
SOURCES OF FUNDS				
Federal funds	\$46,000	\$67,000	\$67,000	\$180,000
Other grants and sponsorships	\$13,500	\$2,500	\$2,500	\$18,500
User fares	\$5,940	\$12,960	\$17,280	\$36,180
User memberships	\$0	\$750	\$1,125	\$1,875
Remaining to raise (as of 11/18/24)	\$22,160	\$22,390	\$17,695	\$62,245
Total system funds	\$87,600	\$105,600	\$105,600	\$298,800

Timeline for Vendor Selection and MassDOT Approval

Timeline	Action
November 2024	DPS issues RFP for bike share services
12/4/2024	MVMPO approves TIP amendment, programming Federal grant to Newburyport bike share pilot
January 2025	Mayor selects vendor (but does not contract)
February 2025	MassDOT approves scope, term and budget, and enters into contract with City to reimburse 80% of capital costs

Timeline for Grant Approval and Vendor Contract

Timeline	Action
February 2025	Mayor submits orders to City Council to accept grants & donations: \$ 180,000 FHWA/CMAQ \$ 10,000 Coastal Trails Coalition \$ 5,000 Institution for Savings Charitable Foundation \$ 2,500 Mary Alice Arakelian Foundation \$ 1,000 Newburyport Livable Streets (NH Charitable Foundation) Others as received
March 2025	City Council approves orders accepting grants and donations
March 2025	Mayor executes contract with vendor

Timeline From Vendor Contract to System Launch

Timeline	Action
March 2025	Mayor executes contract with bike share vendor
March-April 2025	Concrete contractor pours pads
March-April 2025	Bike share vendor sets up bike share stations and prepares website, app, etc.
April-May 2025	System startup