

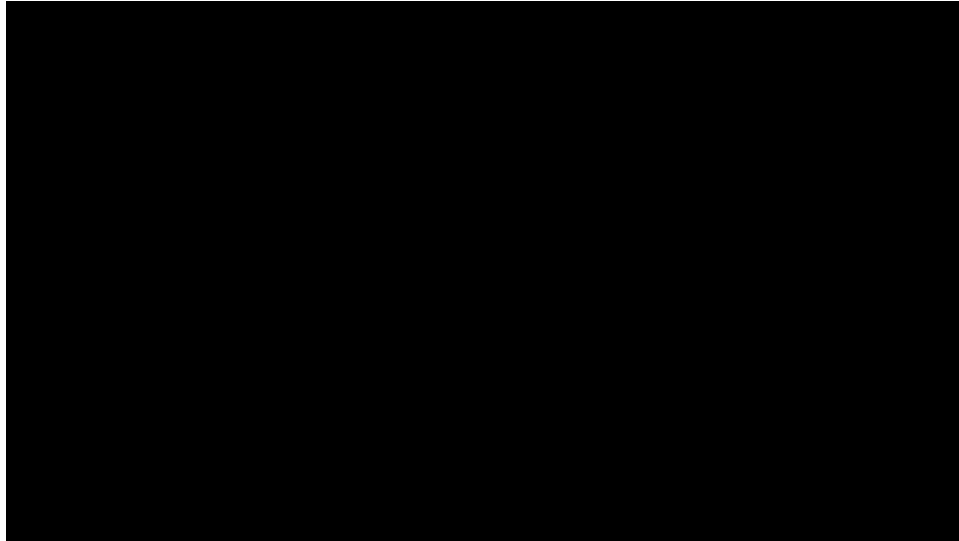


**Year-end summary of MassDOT Bicycle
and Pedestrian projects/activities**

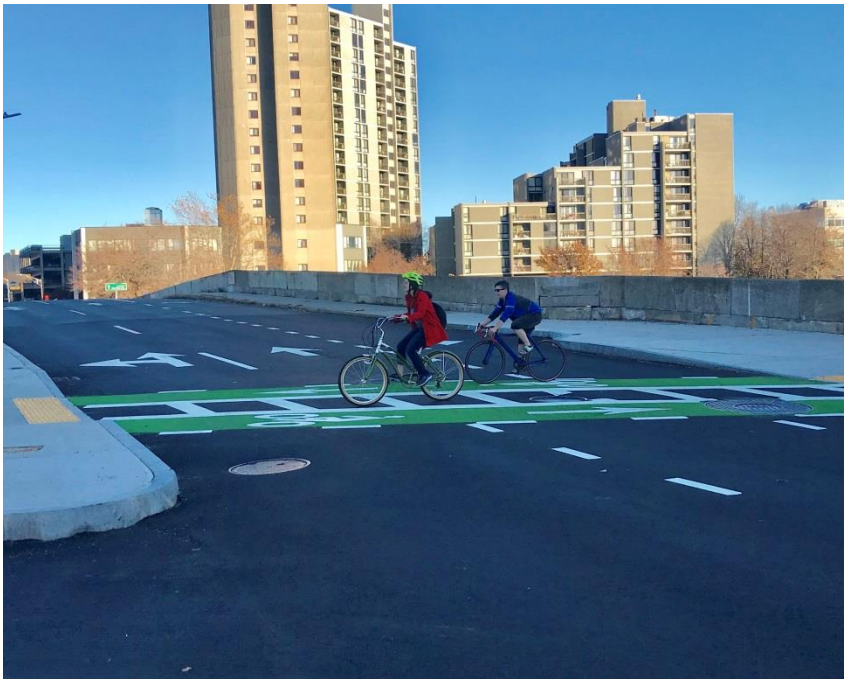
Prepared by Pete Sutton

December 2017

Dutch Reach



Boston – Improvements on Cambridge Street at Soldiers Field Road



Boston – Improvements on Cambridge Street at Soldiers Field Road



Fall River - Quequechan River Rail Trail



Adams – Ashuwillticook Rail Trail Extension



Boston - Infra Space Project I-93 Underpass, South End



Blackstone/Millville/Uxbridge – Blackstone Valley Greenway



Nantucket Multi Use Path



Haverhill – Bradford Rail Trail Extension



Montague - Greenfield Road Bicycle and Pedestrian Bridge



Other Notable Projects in Construction

Dennis/Yarmouth – Cape Cod Rail Trail Extension



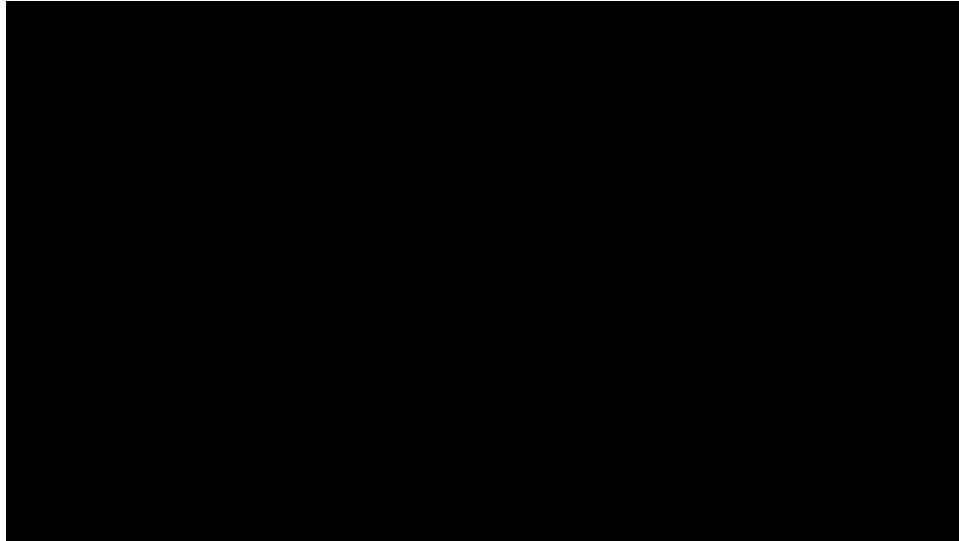
Other Notable Projects in Construction

Boston – Commonwealth Avenue

Bridge Reconstruction



Scan the Street for Wheels and Feet



MassDOT, MassRIDES, MassBike Partner to Continue to Increase Bike Safety

- Nine trainings were held for approximately 265 international students working on Cape Cod this summer
- Program was created after several resorts expressed their concern for the safety of their international workers, many whom rely heavily on their bicycles to get to and from work
- risk of collision is exacerbated for international students who are not always familiar with US rules of the road and cycling customs



2017 Annual Moving Together Conference

- Boston Park Plaza Hotel SOLD OUT with over 800 attendees
- Keynote Speakers:
MassDOT Secretary
Stephanie Pollack and
Mayor of Salem
Kimberley Driscoll
- Official Launch of
Statewide Pedestrian Plan
Municipal Resource Guide



Complete Streets Program Grants

- Now in its second full year with two separate rounds of awards
- 33 participating municipalities distributing \$12.2M
- helping improve over 200 intersections and crosswalks and adding 16 miles of new or reconstructed sidewalks and trails



Baystate Bike Week

- Took place May 13th- 21st with thousands of MA residents participating
- over 100 bike-friendly events to encourage new riders and raise awareness about the many benefits of bicycle transportation
- Statewide Bicycle Plan Public Outreach official launch at Connecticut River Roll + Stroll



Massachusetts Pedestrian Transportation Plan

- Undergoing final internal review for February 2018 release
- Focus on both improving MassDOT's pedestrian infrastructure and provide direction and guidance to municipalities on best practice in planning and maintaining pedestrian networks
- MRG released in September to positive reviews



massDOT
Massachusetts Department of Transportation

**MUNICIPAL
RESOURCE
GUIDE
FOR WALKABILITY**
SEPTEMBER 2017



Massachusetts Bicycle Transportation Plan

- Extensive outreach was conducted over the course of the year both on-line and in person
- Statewide wiki map generated over 3,000 comments while an on-line survey drew over 1,500 responses towards improving cycling
- Developing three gap analyses – physical, modal and temporal



Dedicated Funding for Bicycle and Pedestrian Projects

- Official announcement in June for additional funding commitments to further develop the Cape Cod Rail Trail (CCRT) and increase the budget of the Recreational Trails Program (RTP) by 60%, from \$1.1 million to \$1.8 million
- MassDOT's 5-year Capital Investment Plan (CIP) sets aside \$60 million (\$15 million annually beginning in FY18) for projects that will address missing links in both pedestrian and bicycle networks after completion of the statewide pedestrian and bicycle plans

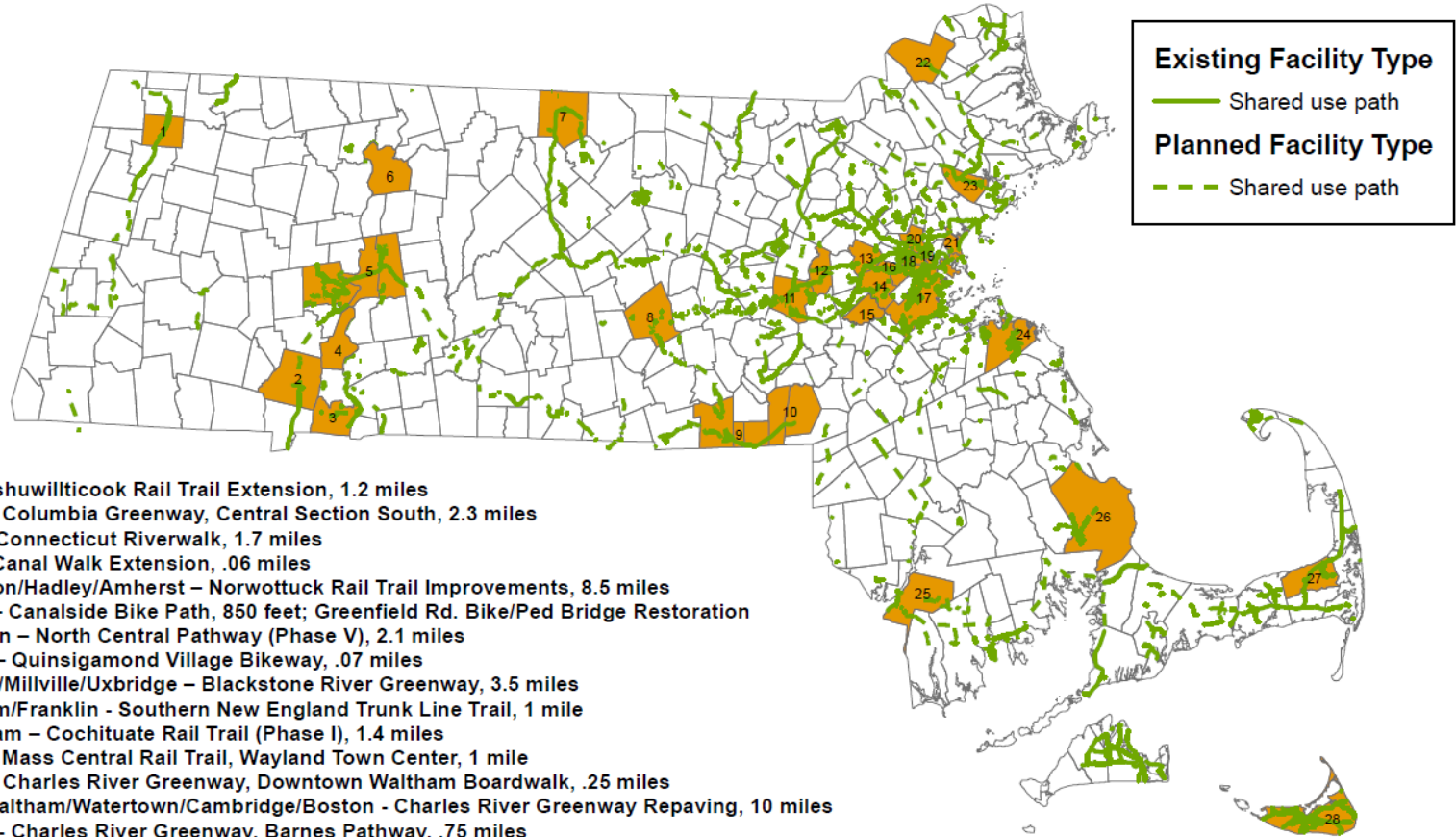


Establishment of Inter-agency Trails Team

- Overseen by Baker-Polito administration, under the leadership of Secretary Beaton and Secretary Pollack
- Comprised of high level staff from EEA, DCR and MassDOT to identify priorities and efficiency reforms in the creation and maintenance of the Massachusetts trails network
- Actively working towards streamline trail project approvals, leverage private sector funding, improve public safety, and become better partners to our cities and towns.

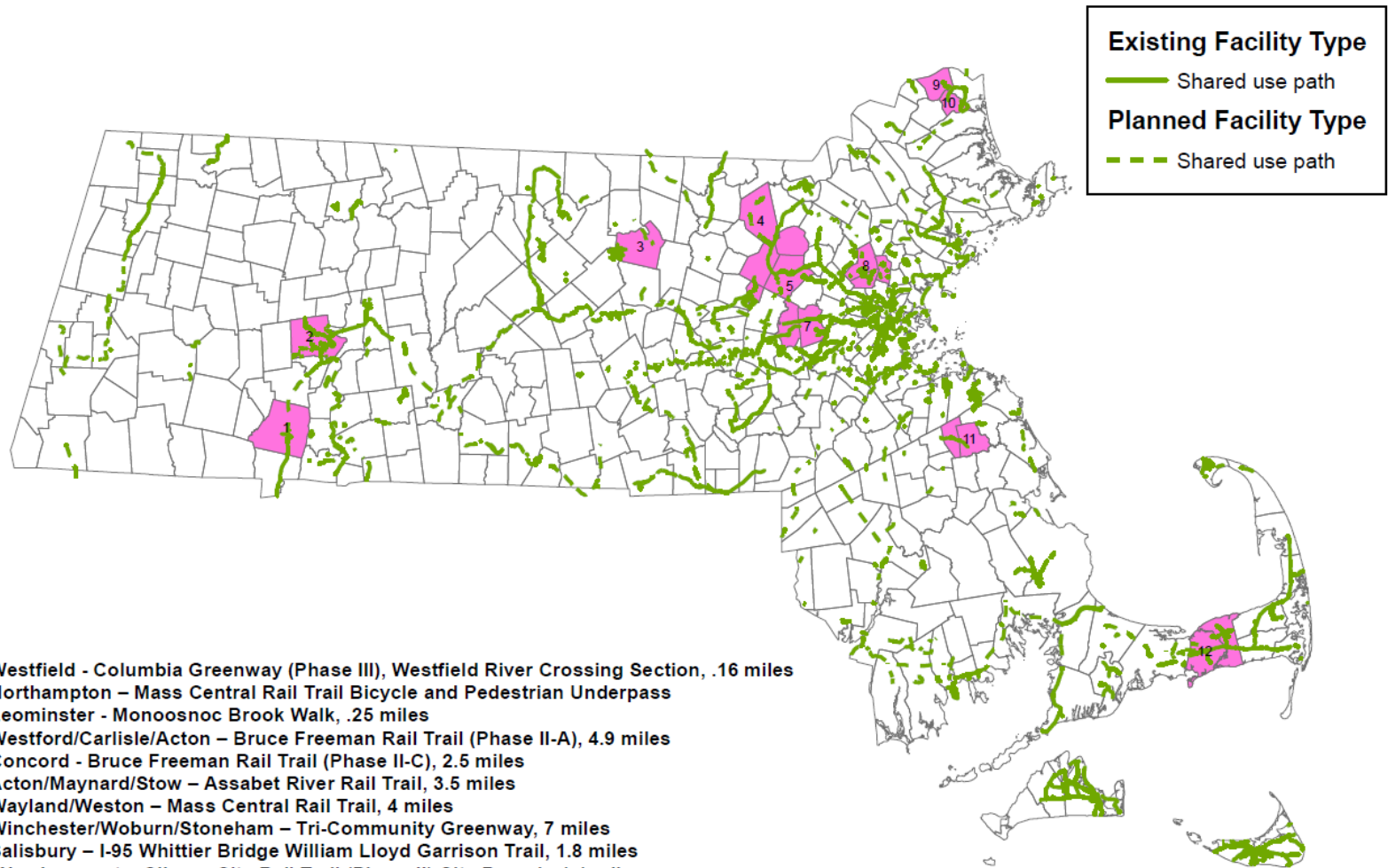


Investments since start of the 2015 Administration



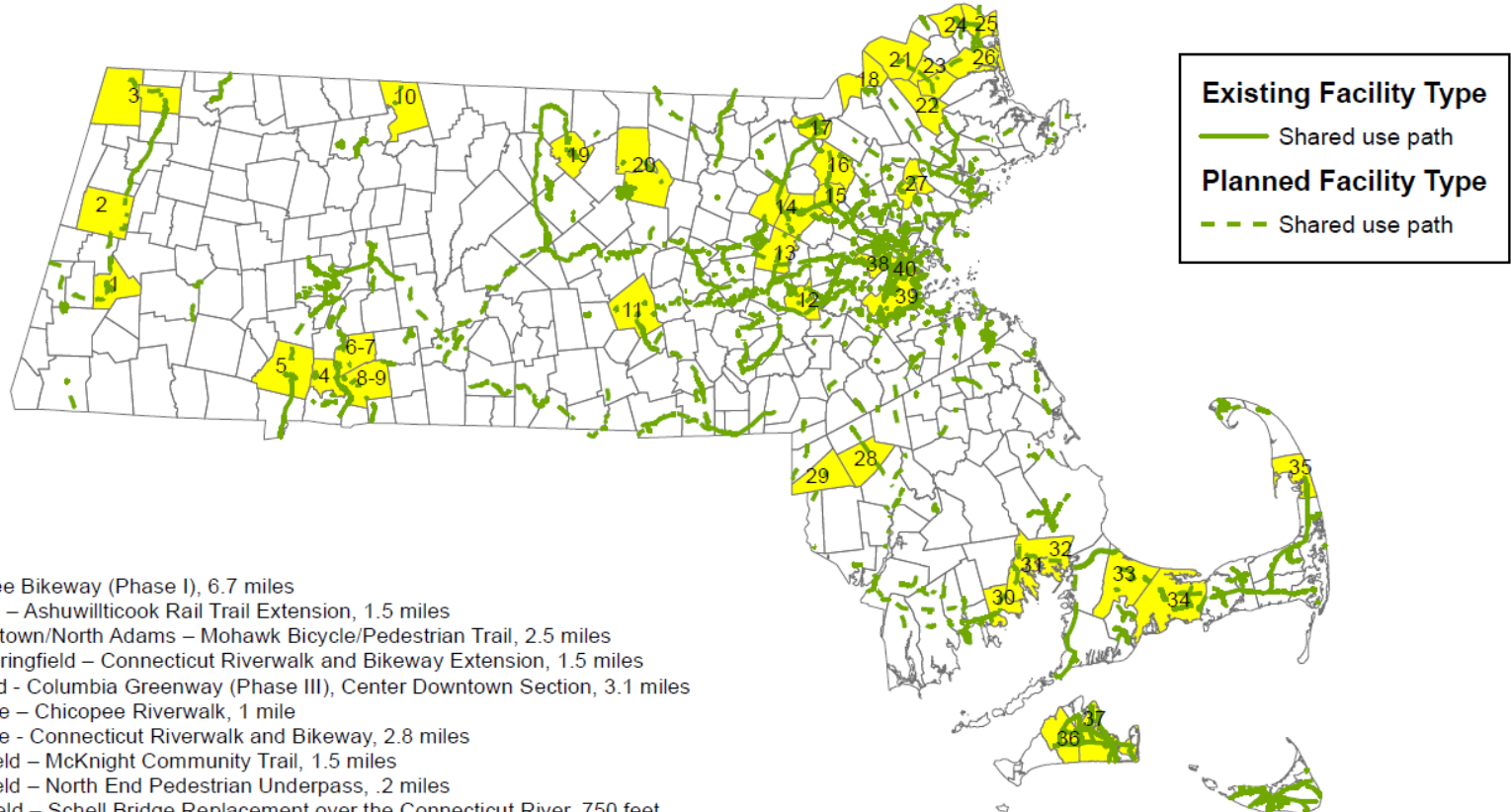
1. Adams – Ashuwillticook Rail Trail Extension, 1.2 miles
2. Westfield – Columbia Greenway, Central Section South, 2.3 miles
3. Agawam – Connecticut Riverwalk, 1.7 miles
4. Holyoke – Canal Walk Extension, .06 miles
5. Northampton/Hadley/Amherst – Norwottuck Rail Trail Improvements, 8.5 miles
6. Montague – Canalside Bike Path, 850 feet; Greenfield Rd. Bike/Ped Bridge Restoration
7. Winchendon – North Central Pathway (Phase V), 2.1 miles
8. Worcester – Quinsigamond Village Bikeway, .07 miles
9. Blackstone/Millville/Uxbridge – Blackstone River Greenway, 3.5 miles
10. Bellingham/Franklin - Southern New England Trunk Line Trail, 1 mile
11. Framingham – Cochituate Rail Trail (Phase I), 1.4 miles
12. Wayland - Mass Central Rail Trail, Wayland Town Center, 1 mile
13. Waltham - Charles River Greenway, Downtown Waltham Boardwalk, .25 miles
14. Newton/Waltham/Watertown/Cambridge/Boston - Charles River Greenway Repaving, 10 miles
15. Needham - Charles River Greenway, Barnes Pathway, .75 miles
16. Watertown - Charles River Greenway, Braille Trail, 1 mile
17. Boston – Fenway Path, .5 miles; East Boston Greenway, .25 miles; Neponset River Greenway, 1.5 miles
18. Cambridge/Watertown - Greenough Blvd Restoration and New Pathway, 1.5 miles
19. Somerville - Community Path Extension, 1 mile; Wellington Bridge Pedestrian Underpass & Trail, .25 miles
20. Medford - Mystic River Reservation - Auburn Street to Winthrop Street, .5 miles; Clippership Drive Park (includes Peace Garden), .03 miles
21. Revere - Northern Strand Community Trail, 1 mile
22. Haverhill - Riverwalk (Bradford Section), .75 miles
23. Peabody - South Peabody Trail Network, 1.1 miles
24. Hingham/Cohasset - Whitney Spur Rail Trail connection, 1 mile; Wompatuck State Park Repaving, 2 miles
25. Fall River - Quequechan Trail, Phase 2, 1.4 miles
26. Plymouth – Myles Standish State Forest Bike Path Repairs and Repaving
27. Brewster – Nickerson State Park Repaving
28. Nantucket – Multi Use Path from Washington St. to Orange St, 1 mile

Trail Projects Under Construction in 2017



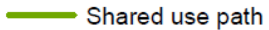
1. Westfield - Columbia Greenway (Phase III), Westfield River Crossing Section, .16 miles
2. Northampton – Mass Central Rail Trail Bicycle and Pedestrian Underpass
3. Leominster - Monoosnoc Brook Walk, .25 miles
4. Westford/Carlisle/Acton – Bruce Freeman Rail Trail (Phase II-A), 4.9 miles
5. Concord - Bruce Freeman Rail Trail (Phase II-C), 2.5 miles
6. Acton/Maynard/Stow – Assabet River Rail Trail, 3.5 miles
7. Wayland/Weston – Mass Central Rail Trail, 4 miles
8. Winchester/Woburn/Stoneham – Tri-Community Greenway, 7 miles
9. Salisbury – I-95 Whittier Bridge William Lloyd Garrison Trail, 1.8 miles
10. Newburyport – Clipper City Rail Trail (Phase II) City Branch, 1.1 miles
11. Rockland/Hanover - Hanover Branch Rail Trail, 2 miles
12. Yarmouth/Dennis – Cape Cod Rail Trail Extension, 3.7 miles

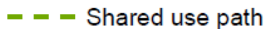
Trail Projects Funded in 2018-2022 Capital Investment Plan

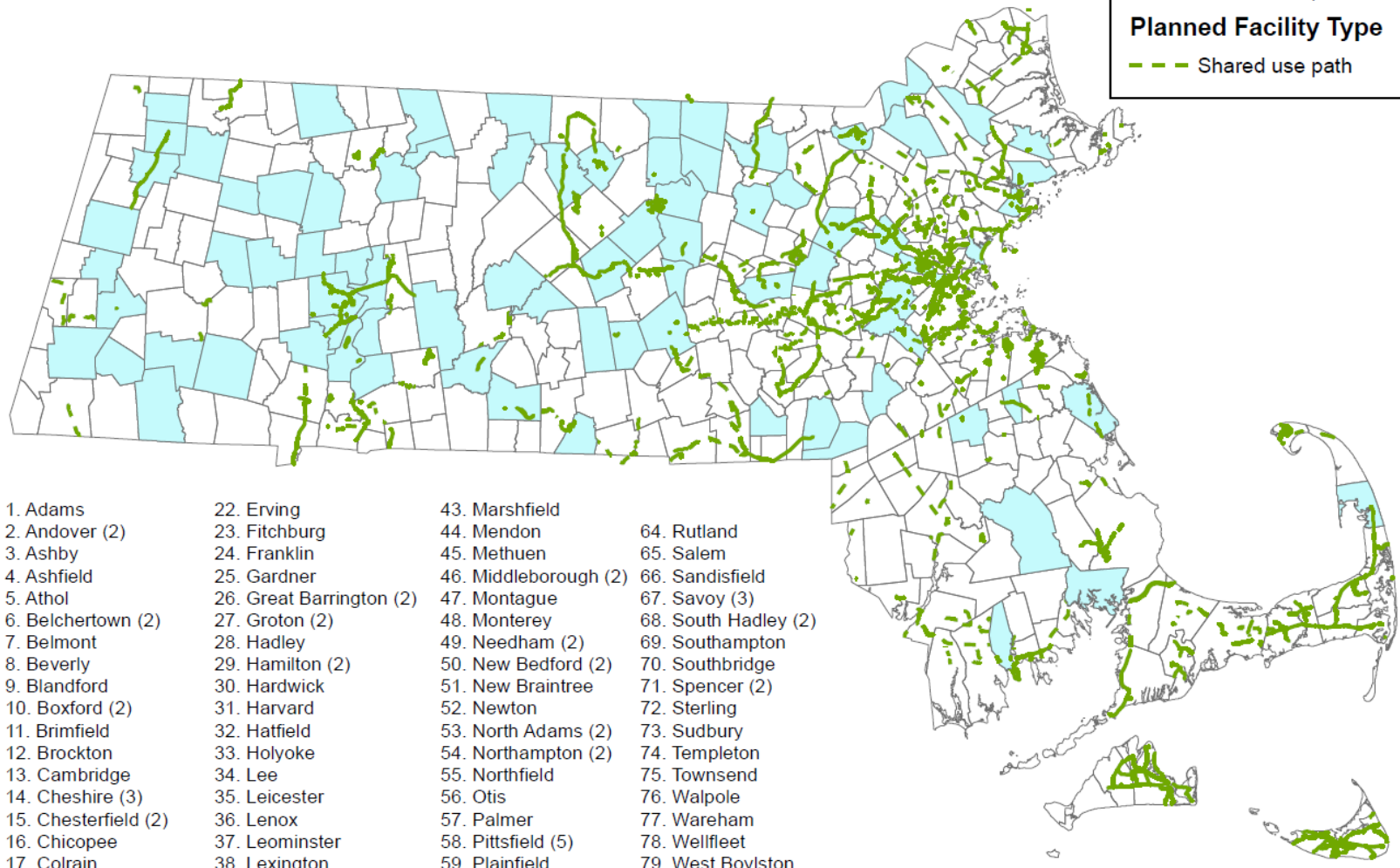


1. Lee – Lee Bikeway (Phase I), 6.7 miles
2. Pittsfield – Ashuwillticook Rail Trail Extension, 1.5 miles
3. Williamstown/North Adams – Mohawk Bicycle/Pedestrian Trail, 2.5 miles
4. West Springfield – Connecticut Riverwalk and Bikeway Extension, 1.5 miles
5. Westfield - Columbia Greenway (Phase III), Center Downtown Section, 3.1 miles
6. Chicopee – Chicopee Riverwalk, 1 mile
7. Chicopee - Connecticut Riverwalk and Bikeway, 2.8 miles
8. Springfield – McKnight Community Trail, 1.5 miles
9. Springfield – North End Pedestrian Underpass, .2 miles
10. Northfield – Schell Bridge Replacement over the Connecticut River, 750 feet
11. Worcester – Blackstone River Bikeway (Segment 7), .82 miles
12. Natick – Cochituate Rail Trail, 2.4 miles
13. Sudbury – Bruce Freeman Rail Trail, 4.6 miles
14. Acton/Concord - Bruce Freeman Rail Trail over Route 2, 1.4 miles
15. Bedford – Minuteman Bikeway Extension, 2 miles
16. Billerica – Yankee Doodle Bike Path (Phase I), 3.9 miles
17. Lowell – Pedestrian Walkway at Pawtucket Falls Overlook, .6 miles
18. Methuen – Methuen Rail Trail, 2 miles
19. Gardner – North Central Pathway (Phase VI), .5 miles
20. Leominster/Fitchburg – Twin Cities Rail Trail, 4.7 miles
21. Haverhill – Bradford Rail Trail Extension, .2 miles
22. Boxford/Georgetown – Border to Boston Trail, 2.4 miles
23. Groveland – Groveland Community Trail, 2 miles
24. Amesbury – PowWow Riverwalk, .13 miles
25. Salisbury – Border to Boston Trail, 2.4 miles
26. Newbury/Georgetown - Border to Boston Trail, 3.3 miles
27. Wakefield/Lynnfield - Wakefield/Lynnfield Rail Trail, 4.4 miles
28. Norton – World War II Veterans Trail Extension, 6 miles
29. Attleboro – Ten Mile River Walk, .5 miles
30. Mattapoisett - Mattapoisett Rail Trail (Phase 1B), 1.2 miles
31. Marion – Shared Use Path (Phase 1), 3.8 miles
32. Wareham – Minot Avenue Shared Use Path, 1.4 miles
33. Sandwich – Shared Use Path along Route 6 Service Road, 4.9 miles
34. Barnstable – Cape Cod Rail Trail Extension (Phase III), 4.4 miles
35. Wellfleet – Cape Cod Rail Trail Extension, 1 mile
36. West Tisbury/Edgartown – Correllus Path Reconstruction (Phase I), 2.15 miles
37. Oak Bluffs – Beach Road Shared Use Path, .6 miles
38. Watertown/Cambridge – Watertown Greenway (Phase II), 1.3 miles
39. Boston – South Bay Harbor Trail, 2.7 miles
40. Boston – New Fenway Multi Use Path near Yawkey Commuter Rail Station, .3 miles

Recreational Trails Program Grant Awards (2015 - 2017)

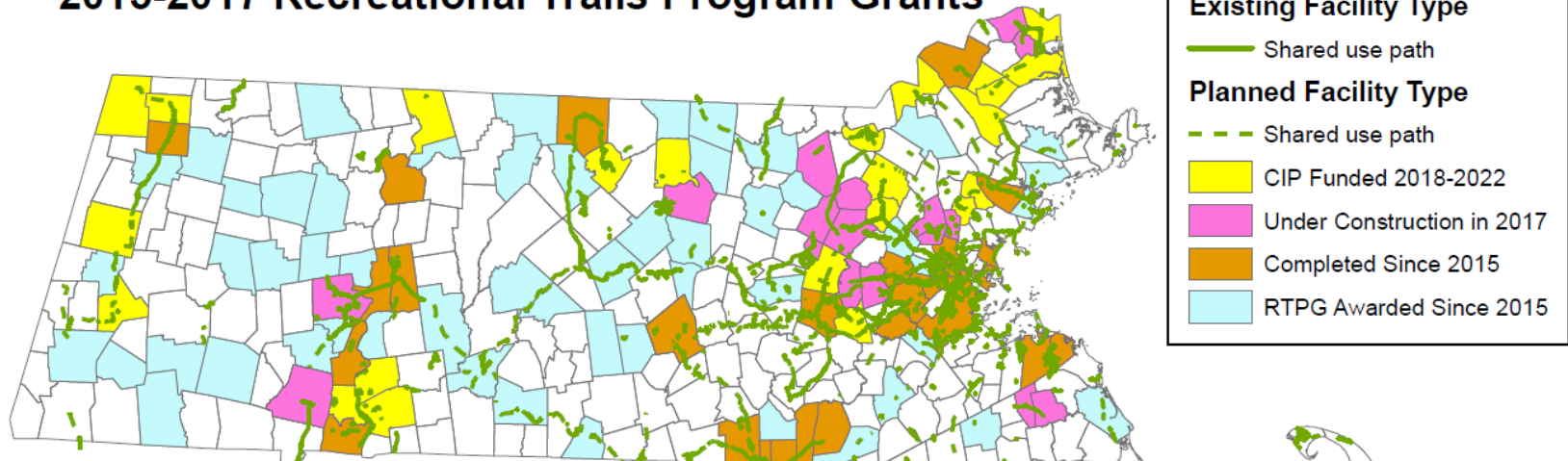
Existing Facility Type
 Shared use path

Planned Facility Type
 Shared use path



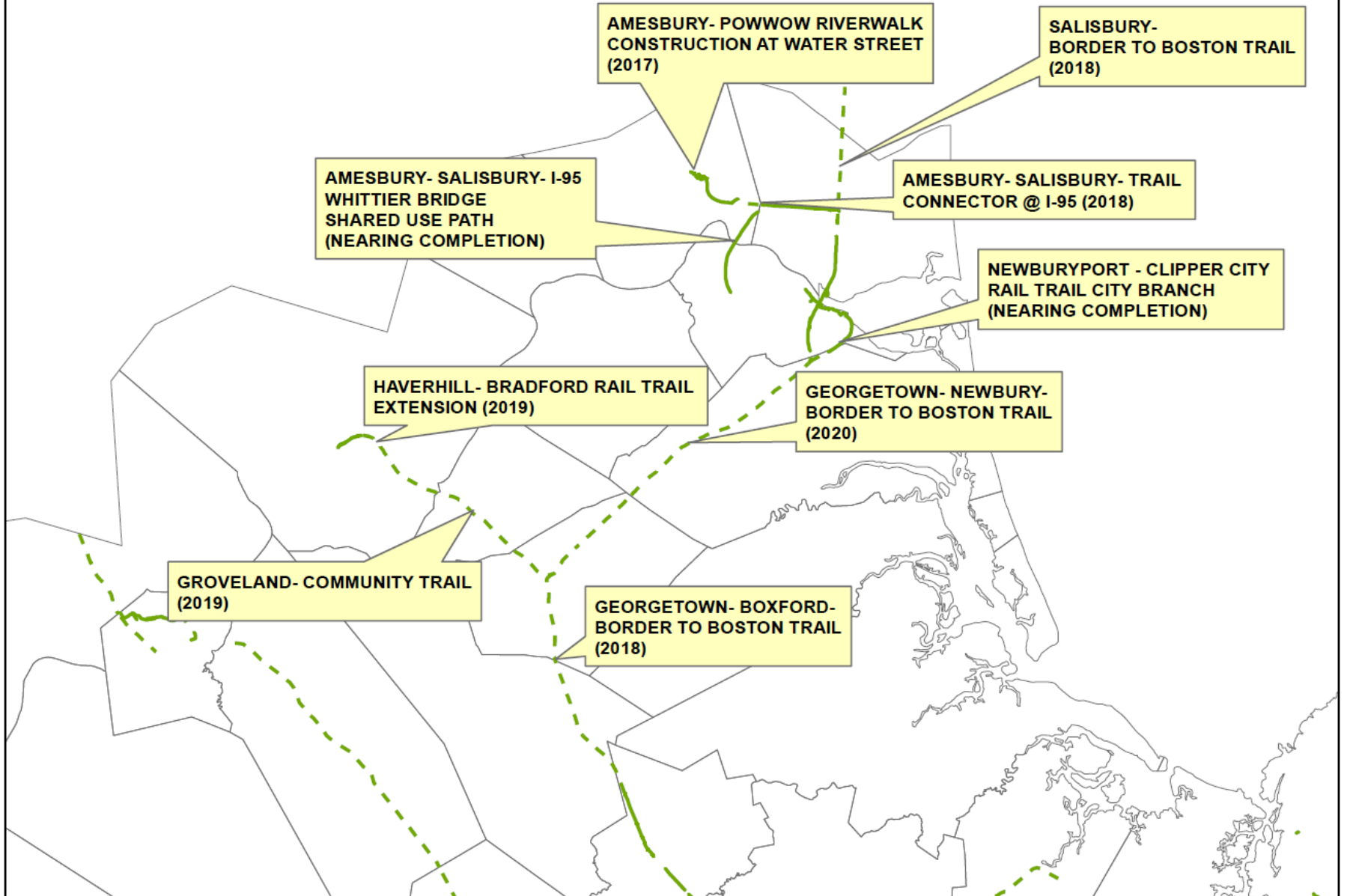
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|----------------------|--------------------------|-----------------------|----------------------|
| 1. Adams | 22. Erving | 43. Marshfield | 64. Rutland |
| 2. Andover (2) | 23. Fitchburg | 44. Mendon | 65. Salem |
| 3. Ashby | 24. Franklin | 45. Methuen | 66. Sandisfield |
| 4. Ashfield | 25. Gardner | 46. Middleborough (2) | 67. Savoy (3) |
| 5. Athol | 26. Great Barrington (2) | 47. Montague | 68. South Hadley (2) |
| 6. Belchertown (2) | 27. Groton (2) | 48. Monterey | 69. Southampton |
| 7. Belmont | 28. Hadley | 49. Needham (2) | 70. Southbridge |
| 8. Beverly | 29. Hamilton (2) | 50. New Bedford (2) | 71. Spencer (2) |
| 9. Blandford | 30. Hardwick | 51. New Braintree | 72. Sterling |
| 10. Boxford (2) | 31. Harvard | 52. Newton | 73. Sudbury |
| 11. Brimfield | 32. Hatfield | 53. North Adams (2) | 74. Templeton |
| 12. Brockton | 33. Holyoke | 54. Northampton (2) | 75. Townsend |
| 13. Cambridge | 34. Lee | 55. Northfield | 76. Walpole |
| 14. Cheshire (3) | 35. Leicester | 56. Otis | 77. Wareham |
| 15. Chesterfield (2) | 36. Lenox | 57. Palmer | 78. Wellfleet |
| 16. Chicopee | 37. Leominster | 58. Pittsfield (5) | 79. West Boylston |
| 17. Colrain | 38. Lexington | 59. Plainfield | 80. Williamsburg |
| 18. Concord | 39. Littleton | 60. Princeton | 81. Worcester |
| 19. Conway (3) | 40. Lowell | 61. Revere (2) | 82. Worthington |
| 20. Dedham | 41. Lunenburg (2) | 62. Rockland (2) | 83. Wrentham |
| 21. Easthampton (2) | 42. Marlborough | 63. Royalston | |

All Trail Projects Constructed Since 2015 Funded in 2018-2022 Capital Investment Plan 2015-2017 Recreational Trails Program Grants

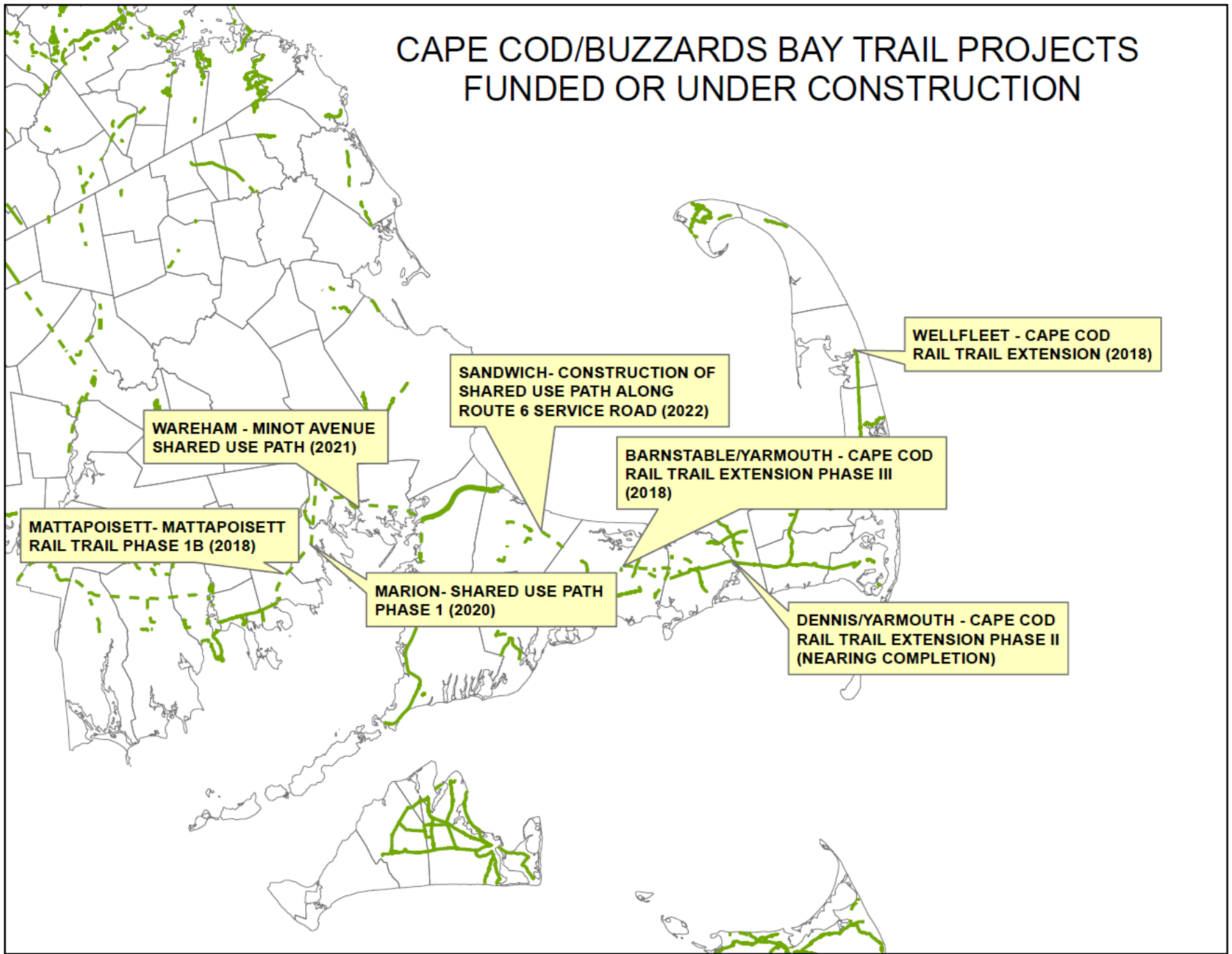


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|---------------------|--------------------------|---------------------|---------------------|-----------------------|-----------------------|
| 1. Acton (3) | 28. Chesterfield (2) | 55. Hingham | 82. New Braintree | 108. South Hadley (2) | 119. Walpole |
| 2. Adams | 29. Chicopee | 56. Holyoke | 83. Newbury | 109. Southamptn | 120. Wareham (2) |
| 3. Agawam | 30. Cohasset | 57. Lanesboro | 84. Newburyport | 110. Southbridge | 121. Watertown (2) |
| 4. Amesbury (2) | 31. Colrain | 58. Lee (2) | 85. Newbury (2) | 111. Spencer (2) | 122. Wayland |
| 5. Amherst | 32. Concord | 59. Leicester | 86. North Adams (3) | 112. Springfield (2) | 123. Wellfleet |
| 6. Andover (2) | 33. Conway (3) | 60. Lenox | 87. Northampton (2) | 113. Sterling | 124. West Boylston |
| 7. Ashby | 34. Dedham | 61. Leominster | 88. Northfield (2) | 114. Sudbury (2) | 125. West Springfield |
| 8. Ashfield | 35. Dennis | 62. Lexington | 89. Norton | 115. Templeton | 126. West Tisbury |
| 9. Athol | 36. Edgartown | 63. Littleton | 90. Oak Bluffs | 116. Townsend | 127. Westfield |
| 10. Attleboro | 37. Easthampton (2) | 64. Lowell (2) | 91. Otis | 117. Uxbridge | 128. Williamsburg |
| 11. Bedford | 38. Erving | 65. Lunenburg (2) | 92. Palmer | 118. Wakefield | 129. Williamstown |
| 12. Barnstable | 39. Fall River | 66. Lynnfield | 93. Peabody | | |
| 13. Belchertown (2) | 40. Fitchburg (2) | 67. Mansfield | 94. Pittsfield (6) | | |
| 14. Bellingham | 41. Framingham | 68. Marion | 95. Plainfield | | |
| 15. Belmont | 42. Franklin (2) | 69. Marlborough | 96. Plymouth | | |
| 16. Beverly | 43. Gardner (3) | 70. Marlfield | 97. Princeton | | |
| 17. Billerica | 44. Georgetown (2) | 71. Mattapoisett | 98. Revere (3) | | |
| 18. Blackstone | 45. Great Barrington (2) | 72. Medford (2) | 99. Rockland (3) | | |
| 19. Blandford | 46. Groton (2) | 73. Mendon | 100. Royalston | | |
| 20. Boston (3) | 47. Groveland | 74. Methuen | 101. Rutland | | |
| 21. Boxford (3) | 48. Hadley | 75. Middleboro (2) | 102. Salem (2) | | |
| 22. Brewster | 49. Hamilton (2) | 76. Montague | 103. Salisbury (2) | | |
| 23. Brimfield | 50. Hanover | 77. Monterey | 104. Sandisfield | | |
| 24. Brockton | 51. Hardwick | 78. Nantucket | 105. Sandwich | | |
| 25. Brookline | 52. Harvard | 79. Natick | 106. Savoy (3) | | |
| 26. Cambridge (3) | 53. Hatfield | 80. Needham (3) | 107. Somerville (2) | | |
| 27. Cheshire (3) | 54. Haverhill (2) | 81. New Bedford (2) | | | |
| | | | | | 130. Winchendon |
| | | | | | 131. Worcester (3) |
| | | | | | 132. Worthington |
| | | | | | 133. Wrentham |
| | | | | | 134. Yarmouth (2) |

MERRIMACK VALLEY TRAIL PROJECTS FUNDED OR UNDER CONSTRUCTION



CAPE COD/BUZZARDS BAY TRAIL PROJECTS FUNDED OR UNDER CONSTRUCTION



WAREHAM - MINOT AVENUE SHARED USE PATH (2021)

SANDWICH- CONSTRUCTION OF SHARED USE PATH ALONG ROUTE 6 SERVICE ROAD (2022)

BARNSTABLE/YARMOUTH - CAPE COD RAIL TRAIL EXTENSION PHASE III (2018)

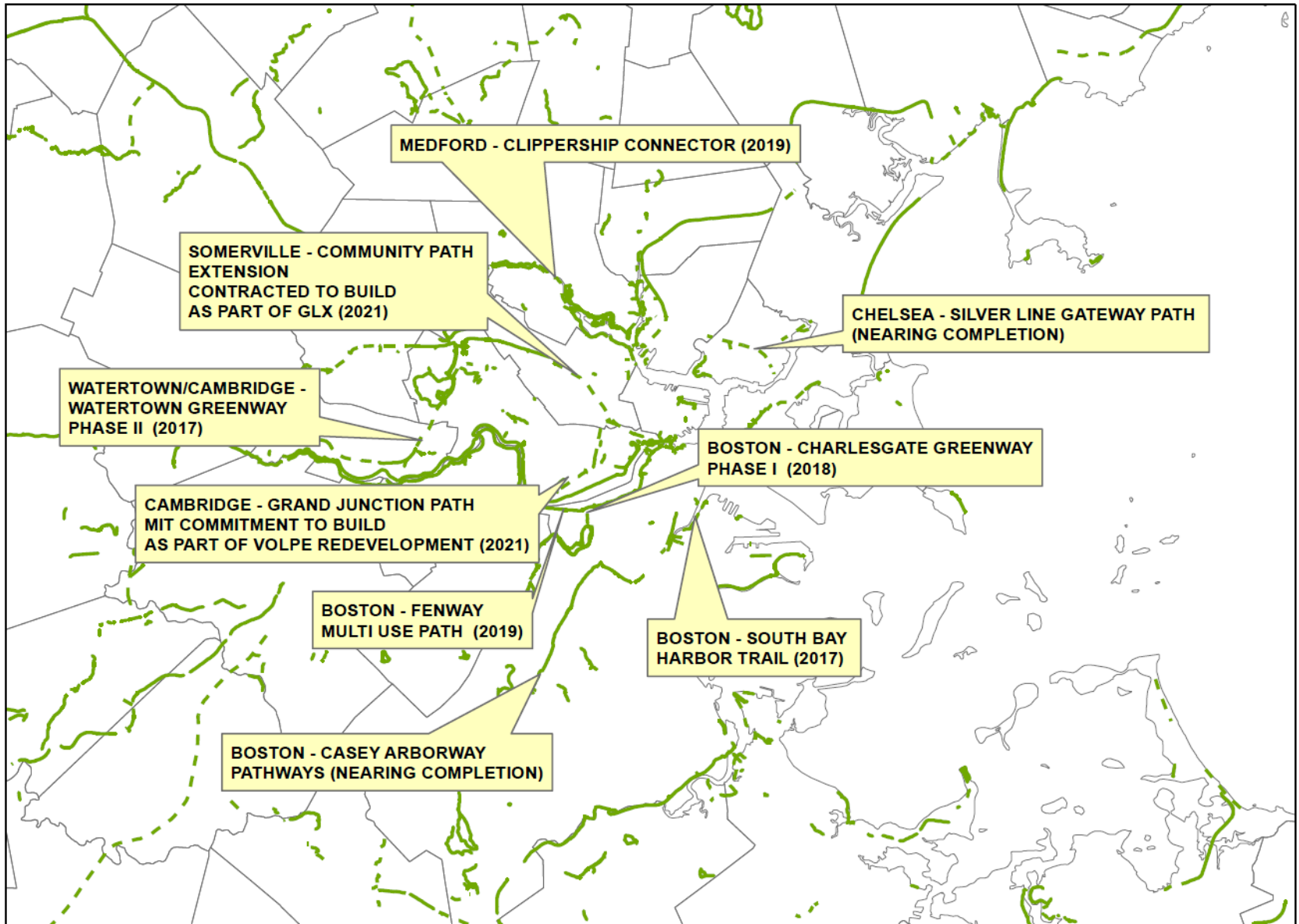
MATTAPOISETT- MATTAPOISETT RAIL TRAIL PHASE 1B (2018)

MARION- SHARED USE PATH PHASE 1 (2020)

DENNIS/YARMOUTH - CAPE COD RAIL TRAIL EXTENSION PHASE II (NEARING COMPLETION)

WELLFLEET - CAPE COD RAIL TRAIL EXTENSION (2018)

METRO BOSTON TRAIL PROJECTS FUNDED OR UNDER CONSTRUCTION



Future Project Ground Breakings

- Bruce Freeman Rail Trail in Concord
- Tri-Community Greenway through Winchester/Woburn/Stoneham
- Natick's Complete Streets Funding Program multimodal improvement project



Massachusetts Ranked 4th Most Bicycle-Friendly State

- Massachusetts ranked fourth most bicycle-friendly state in the nation, as per the League of American Bicyclists bi-annual state report card
- #1 overall ranking in the eastern region of the United States
- Commended for its high score in the Infrastructure & Funding category of the report card evaluation



Summary

Massachusetts has made a lot of progress in recent years, as seen in its high ranking in 4 of its 5 categories. There is active legislation to address many of the issues that hold back the Legislation & Enforcement category, so Massachusetts remains a state to watch.

One statistic to watch will be the use of federal funds for biking and walking. While Massachusetts spends more than average as a percentage of its federal transportation funds, it spends less than average per capita. Resolving this relative vs. absolute discrepancy might show whether Massachusetts is content catching up or committed to being a leading state for bicycling.

STATE ADVOCACY GROUP: MASSBIKE

Comparison States

National (Overall)	Eastern Region (out of 11)
2. Minnesota	1. Massachusetts
3. California	2. Delaware
4. Massachusetts	3. New Jersey
5. Oregon	4. Maryland
6. Colorado	5. Pennsylvania

Categories	Rank out of 50
Infrastructure & Funding	3
Education & Encouragement	9
Legislation & Enforcement	25
Policies & Programs	8
Evaluation & Planning	3

Feedback Points

Continue the GreenDOT Implementation Plan which began in 2014 and incorporate current design guidance in MassDOT's Project Development and Design Guide. Update Statewide Bicycle and Pedestrian Transportation Plans, in keeping with our current objectives and mandates, such as the GreenDOT plan. The last statewide bicycle plan was adopted in 2008.

Adopt a safe passing law with a minimum distance of 3 feet to address bicyclist safety.

The Massachusetts legislature enabled lower speed limits throughout Boston and other cities and towns by giving local authorities the ability to reduce default speed limits on roads owned by those local authorities. This is a great step to allow more local control over speed limits and projects that prioritize pedestrian and bicycle safety over motor vehicle mobility. The state legislature should continue to enable lower speed limits and street designs that enhance low speed limits.

Adopt a state law that requires the use of a hands-free device for cell phone use while driving to combat distracted driving and increase safety for everyone. Requiring the use of a hands-free device makes enforcement of texting laws easier by providing clearer evidence for enforcement.

Adopt a vulnerable road user law that increases penalties for a motorist that injures or kills a bicyclist or pedestrian. Model language is available here: <http://bikeleague.org/content/model-legislation>.

Establish a comprehensive bicycle and pedestrian count program that provides data on bicycle and pedestrian volumes on major commuter and recreational routes, including before/after counts that evaluate progress and provide insight on bicyclist safety and use.

Bicycle Friendly Actions	Progress	New in 2017
Complete Streets Law / Policy	✓	✓
Safe Passing Law (3ft+)		
Statewide bike plan last 10 years	✓	
2% or more fed funds on bike/ped	✓	
Bicycle Safety Emphasis Area	✓	

Federal Data on Biking	Rank
Ridership: 0.8% of commuters biking to work ¹	15/50
Safety: 3.3 fatalities per 10K bike commuters ²	9/50
Spending: \$2.16 per capita FHWA spending on biking and walking ³	34/50

¹This figure is based upon the Census Bureau's American Community Survey (ACS) 5-year estimates.

²This figure is based upon fatalities reported over a five-year period according to the National Highway Transportation Safety Board's Fatality Analysis Reporting System and the 2015 5-year ACS estimate of the number of bicycle commuters.

³FHWA spending is based upon projects coded using any of three project types associated with bicycling and walking projects through the Federal Intermodal Surface Transportation Efficiency Act (ISTEA) Project Management Information System. IG calculate per capita spending we used a three-year average for fiscal years 2015-2016 and the 2015 5-year ACS state population estimate.

Baker-Polito Administration Trails Progress Report

