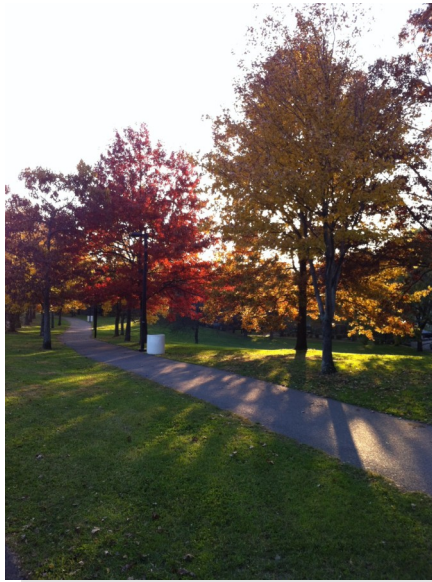


2011



**BICYCLE
FACILITY
INVENTORY
YEAR-END REPORT**



Deval L. Patrick, *Governor*
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2011

Massachusetts

Bicycle Facility Inventory

Year-End Report

PREPARED BY
Massachusetts Department of Transportation
Office of Transportation Planning

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Bicycle Facility Inventory Report 2011

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**Massachusetts Department of Transportation
Office of Transportation Planning**

INTRODUCTION

Massachusetts Department of Transportation's (MassDOT) Office of Transportation Planning (OTP) is pleased to present the 2011 Massachusetts Bicycle Facilities Inventory Report (Report). This Bicycle Facilities Inventory contains selected 2011 year-end statistics from the Massachusetts Bicycle Facilities Inventory (BFI) file. The BFI file is the name of a continuing data development effort carried out by the OTP to create a database of bicycle information usable in a geographic information system (GIS) for map production, reporting, and analysis. Although OTP has published a bicycle accommodations GIS data layer for many years, this Report is the first published data analysis assembling statewide data on bicycle facilities. The BFI began with the 2008 Massachusetts Bicycle Transportation Plan (2008 Plan), and has been refined over many years through collaborative data collection efforts with MassDOT district offices, state agencies, regional planning offices, and local municipalities. This effort serves to document the ever growing network of bicycle facilities throughout the Commonwealth and seeks to maintain an active inventory of this critical transportation resource.

While a fundamental purpose of the BFI is to reflect existing accommodations for bicyclists, the BFI more broadly attempts to represent the whole spectrum of bicycle facility development. This is an ongoing effort of data gathering from sources throughout the state and should be considered a work in progress. The spatial data in the BFI contains existing facilities across the Commonwealth, as well as projects in construction, design, or feasibility study phases, and those that are simply proposed or envisioned at this time. Both on-road accommodations (bike lanes, and shared use lanes on marked and unmarked routes) and off-road (shared use paths) facilities are included. The BFI is intended to be useful not only as an inventory but also as a planning tool, to show not only what bicycle facility network exists in 2011, but what may be developed in the future.

The name purposely evokes the Commonwealth of Massachusetts Road Inventory (RI), a core GIS-enabled data set maintained by MassDOT's OTP. Like the RI, the BFI requires continuous maintenance. It is intended to form the basis for development of other data by a broad range of users, who require continuity across update and release cycles and who need dependable keys to attach their own data. A portion of the BFI consists of data maintained in the RI itself, and as public data, is subject to review and requests for corrections by other public agencies as well as the public at large. Because on-road accommodations are tied dynamically to the RI, improvements in that data layer are automatically inherited by the BFI.

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Existing off-road bicycle accommodations were digitized from the Commonwealth of Massachusetts 1:5000 color orthophoto imagery and more recently from the USGS 30 cm color orthophoto imagery. Attributes were collected from the MassDOT Project Information System, project engineers, regional planning entities, municipalities, advocacy groups, websites, and other sources. Consistent identification of features across release cycles is supported through the use of a unique identifier. Other attached attributes include links to the Road Inventory, relationship to the Bay State Greenway (BSG) system described in the 2008 Plan, development status, physical characteristics, involved agencies and entities, usage statistics, and references. The data layer is subject to continuing review.

It should be noted that the 2011 BFI does not include data on usable shoulders and that the current data base does not specifically identify shoulders as bicycle facilities. An effort is underway to evaluate roadway shoulders through the existing Road Inventory, with input from regional and municipal agencies, to determine the suitability of classifying shoulders on individual roadway segments as bike facilities. Additionally many roadway and bridge reconstruction projects are currently underway that include improvements to provide bicycle accommodations on usable shoulders. In fact MassDOT is conducting design review for over 70 road segment improvement projects that include new bicycle facilities, including bike lanes, usable shoulders, shared use markings, and multi-use trails.

In addition to the shoulder data initiative discussed above, OTP has also undertaken an update to the format of the BFI data. This includes reclassification of bicycle facilities and providing fields for additional facility design features. OTP will begin utilizing this new data dictionary as it collects data updates in the future.

I. GLOSSARY OF TERMS

**2011 BICYCLE INVENTORY
REPORT GLOSSARY OF TERMS**

Below is a glossary of terms used in the tables of this 2011 Bicycle Inventory Report. As some data was simplified for these tables, many of the terms are similar to, but not precisely the same as the technical definitions of GIS fields, listed in the Data Dictionary in Appendix A and B.

Bay State Greenway: The 2008 Bicycle Plan proposes a seven corridor Bay State Greenway system, using a combination of shared use paths and on-road through the Commonwealth, along with a secondary network of feeder routes. The seven corridors are listed below. Note that where the corridors intersect, some trail or road segments may function as a portion of both corridors.

- North Shore Corridor
- Merrimack River–Charles River Corridor
- Mass Central Corridor
- Boston–Cape Cod Corridor
- Nashua River–Buzzards Bay Corridor
- Connecticut River Valley (East and West) Corridor
- Berkshire Corridor

BSG Preferred indicates that the facility is part of the “Preferred” (referred to as “Ultimate” in the 2008 Plan) configuration of the BSG. Proposed routes include interim on-road facilities where an off-road shared use path is under envisioned in the future. The Secondary BSG routes identified in the 2008 Plan are being inventoried to be included in the 2012 update.

Bike Facility Status: The position of the facility along the project development timeline, from envisioning through construction.

- 1 = Constructed / Existing
- 2 = Under construction, or construction funds encumbered/earmarked
- 3 = In design, or design funds encumbered/earmarked
- 4 = Feasibility being studied, or study funds encumbered/earmarked
- 5 = Proposed in a regional transportation, municipal plan or by an advocate organization
- 6 = Otherwise envisioned as part of a long-term goal

Bike Facility Type: The type of bicycle facility in the inventory. The facility type may not be always be known for a proposed or envisioned route. *

- On Road Striped Lane (Bike Lane & Cycletrack)
- On-Road Marked Shared Lane (Sharrows)
- On-Road Signed Route
- On-Road Unsigned Route

- Off Road Shared Use Path
- Off Road Minimally Improved Path

* It is important to note that usable shoulders were not catalogued in the 2011 Bicycle Accommodations Inventory. As part of the 2012 update of the statewide bike inventory MassDOT will be taking an inventory of usable shoulders that contribute to the network of on-road bicycle facilities in the Commonwealth.

Bike Lane: a portion of a roadway which has been designated by striping, and pavement markings for the preferential or exclusive use of bicyclists.

Cycletrack: Cycle tracks are specially designed bikeways separated from the parallel motor vehicle travelway by a line of parked cars, landscaping, or another form of physical buffer that motor vehicles cannot cross.

Functional Classification: defines the character of services that a particular roadway is intended to provide. The process of functional classification was mandated by the Intermodal Surface Transportation Efficiency Act of 1991 (ISTEA) and implemented in 1993 by the Office of Transportation Planning in cooperation with the 13 regional planning agencies. Roadways are divided into the following classification categories:

- o **Arterials:** These roadways provide the highest level of mobility at the greatest vehicular speeds for the longest uninterrupted distances. Generally, these roadways provide connections between Massachusetts cities, metropolitan regions, and bordering states. Bicycles and pedestrians are generally prohibited from *Limited Access Principal Arterials* and are not catalogued in this report.
- o **Collectors:** These roadways provide intra regional level of mobility, and service land use of a regional importance such as schools, parks, and smaller scale retail use. These roadways collect traffic from the local roadway network and distribute them to the arterial system. Vehicular speed limits range between 25 M.P.H. in the urban areas to as high as 50 M.P.H. in the rural hinterlands.
- o **Local Roadways:** These roadways deliver access to all land uses, serving local trip purposes, and provide connections to higher order roadways. Vehicular speed limits range between 15 M.P.H. in urban centers to 40 M.P.H. in the rural hinterlands.
- o **Off-Road Path:** These facilities exist outside road rights-of-way and are restricted to non-motorized vehicles. They may parallel roadways or travel through parks or private parcels. Although not part of the formal functional classification system, paths are a critical element of the bicycle and pedestrian transportation system.

Jurisdiction refers to the agency or entity that owns and has administrative authority over the roadway or path. The Road Inventory file contains 17 different jurisdiction categories. For the

purposes of this report, they have been consolidated into seven groups.

Marked Shared Lanes are travel lanes with specific bicycle markings, often referred to as sharrows. These markings are designed to assist bicyclists with lateral positioning in a shared lane and to correct direction of travel, while also alerting motorists of the position bicyclists are likely to occupy and encouraging the safe passing of bicyclists.

Miles refer to the linear centerline length of a road segment. For divided highways, only the length of one side of the roadway is counted.

Shared Use Paths: Shared use paths are facilities separated from motor vehicle traffic by an open space or barrier, either within the highway right-of-way or within an independent right-of-way. Bicyclists, pedestrians, joggers, and skaters may use these paths.

II. MILEAGE REPORTS

Bicycle Facility Inventory Report 2011

MILEAGE REPORT TABLE 1

Facility Status By Facility Type

Facility Type Description	Existing	Under Construction	In Design	Feasibility	Proposed	Envisioned	Total
On-road marked lane	101.10	1.22	3.39	0.00	161.85	0.00	267.56
On-road marked shared lane	36.46	0.00	0.00	0.00	4.06	0.00	40.52
On-road divided lane	1.04	0.00	0.00	0.00	2.20	0.00	3.24
On-road signed-posted bike route	170.76	0.00	0.19	0.00	71.80	0.01	242.76
On-road unsigned	2.33	0.00	12.34	0.00	97.86	489.30	601.83
Off-road shared use path	436.83	8.38	78.20	19.34	381.68	27.12	951.55
Off-road minimally improved path	229.30	0.00	0.00	0.00	27.67	0.00	256.97
Unknown*	0.00	0.00	0.00	0.00	112.25	0.00	112.25
Total	977.82	9.60	94.12	19.34	859.37	516.43	2,476.68

* Proposed accommodations frequently only indicate a general alignment without specifying how much is to be built on the roads or off them.

MILEAGE REPORT TABLE 2

Facility Status By District

District	Existing	Under Construction	In Design	Feasibility	Proposed	Envisioned	Total
District 1	20.11	0.00	1.14	4.35	66.95	100.28	192.83
District 2	158.25	1.05	18.64	0.00	152.10	102.11	432.15
District 3	158.74	1.54	26.24	13.31	175.72	94.39	469.94
District 4	127.12	3.50	33.92	1.68	133.23	87.64	387.09
District 5	312.06	1.59	11.53	0.00	264.74	106.41	696.33
District 6	201.54	1.92	2.65	0.00	66.63	25.60	298.34
Total	977.82	9.60	94.12	19.34	859.37	516.43	2,476.68

MILEAGE REPORT TABLE 3

Facility Status By MPO

MPO	Existing	Under Construction	In Design	Feasibility	Proposed	Envisioned	Total
Berkshire	12.95	0.00	1.14	4.35	66.95	78.97	164.36
Boston Region	347.90	5.42	27.54	10.43	195.06	96.88	683.23
Cape Cod	164.86	0.00	5.76	0.00	17.10	27.74	215.46
Central Massachusetts	102.31	1.54	13.65	0.00	123.53	66.50	307.53
Franklin	63.96	0.00	0.00	0.00	0.00	19.19	83.15
Martha's Vineyard	36.71	0.00	0.00	0.00	22.86	0.00	59.57
Merrimack Valley	17.37	0.00	16.25	0.00	28.47	26.09	88.18
Montachusett	45.25	0.00	2.52	3.74	38.60	22.15	112.26
Nantucket	36.99	0.46	4.55	0.00	20.03	0.00	62.03
Northern Middlesex	19.97	0.00	4.92	0.82	14.93	10.39	51.03
Old Colony	21.94	0.00	0.00	0.00	5.18	43.48	70.60
Pioneer Valley	68.68	1.05	16.57	0.00	135.52	90.87	312.69
Southeastern Massachusetts	38.93	1.13	1.22	0.00	191.14	34.17	266.59
Total	977.82	9.60	94.12	19.34	859.37	516.43	2,476.68

Bicycle Facility Inventory Report 2011

MILEAGE REPORT TABLE 4

Facility Status By Location (City/Town)

City Town		Existing	Under Construction	In Design	Feasibility	Proposed	Envisioned	Total
No	Name							
1	Abington	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	Acton	0.28	0.00	4.18	0.00	0.00	1.53	5.99
3	Acushnet	0.00	0.00	0.00	0.00	0.19	0.00	0.19
4	Adams	0.72	0.00	1.14	0.00	5.20	3.08	10.14
5	Agawam	1.73	0.00	1.98	0.00	1.64	1.83	7.18
6	Alford	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7	Amesbury	1.46	0.00	0.00	0.00	3.20	0.00	4.66
8	Amherst	14.74	0.00	0.00	0.00	11.41	3.17	29.32
9	Andover	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10	Arlington	5.35	2.69	0.00	0.00	2.20	0.81	11.05
11	Ashburnham	1.02	0.00	0.00	0.00	8.71	0.00	9.73
12	Ashby	0.00	0.00	0.00	0.00	0.00	0.00	0.00
13	Ashfield	0.00	0.00	0.00	0.00	0.00	0.00	0.00
14	Ashland	0.00	0.00	0.00	0.00	0.00	0.00	0.00
15	Athol	0.00	0.00	0.00	0.00	0.00	0.00	0.00
16	Attleboro	9.30	0.00	0.00	0.00	14.93	0.00	24.23
17	Auburn	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18	Avon	0.00	0.00	0.00	0.00	0.00	1.08	1.08
19	Ayer	1.83	0.00	0.00	0.00	0.00	2.07	3.90
20	Barnstable	15.20	0.00	0.00	0.00	7.39	0.44	23.03
21	Barre	14.43	0.00	0.00	0.00	12.34	4.97	31.74
22	Becket	0.59	0.00	0.00	0.00	0.00	0.00	0.59
23	Bedford	9.15	0.00	0.00	0.00	2.69	4.19	16.03
24	Belchertown	1.47	0.00	0.00	0.00	0.00	8.20	9.67
25	Bellingham	0.00	0.00	0.00	0.00	0.00	0.00	0.00
26	Belmont	2.57	0.81	0.00	0.00	0.00	0.00	3.38
27	Berkley	0.00	0.00	0.00	0.00	0.00	0.00	0.00
28	Berlin	10.16	0.00	0.00	0.00	14.34	5.01	29.51
29	Bernardston	1.07	0.00	0.00	0.00	0.00	2.96	4.03
30	Beverly	0.00	0.00	0.00	0.00	0.00	4.82	4.82
31	Billerica	0.00	0.00	0.00	0.00	5.58	0.00	5.58
32	Blackstone	10.37	0.00	2.92	0.00	0.00	2.04	15.33
33	Blandford	0.00	0.00	0.00	0.00	0.00	0.00	0.00
34	Bolton	0.00	0.00	0.00	0.00	0.00	3.09	3.09
35	Boston	94.22	0.29	1.19	0.00	36.29	9.98	141.97
36	Bourne	16.15	0.00	0.00	0.00	0.32	11.04	27.51
37	Boxborough	0.00	0.00	0.00	0.00	0.00	0.00	0.00
38	Boxford	0.00	0.00	8.69	0.00	1.34	2.45	12.48
39	Boylston	0.00	0.00	0.00	0.00	0.00	0.00	0.00
40	Braintree	2.02	0.00	0.00	0.00	0.00	0.00	2.02
41	Brewster	13.71	0.00	0.00	0.00	0.00	0.00	13.71
42	Bridgewater	1.42	0.00	0.00	0.00	0.00	0.00	1.42
43	Brimfield	0.00	0.00	0.00	0.00	0.00	0.00	0.00
44	Brockton	0.43	0.00	0.00	0.00	0.00	4.91	5.34
45	Brookfield	0.00	0.00	0.00	0.00	0.00	0.00	0.00
46	Brookline	5.12	0.00	0.00	0.00	2.69	0.21	8.02
47	Buckland	0.00	0.00	0.00	0.00	0.00	0.00	0.00
48	Burlington	1.62	0.00	1.21	0.00	12.42	0.00	15.25

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MILEAGE REPORT TABLE 4

Facility Status By Location (City/Town)

City Town		Existing	Under Construction	In Design	Feasibility	Proposed	Envisioned	Total
No	Name							
49	Cambridge	35.17	0.20	0.82	0.00	5.29	0.51	41.99
50	Canton	2.03	0.00	0.00	0.00	0.00	3.75	5.78
51	Carlisle	0.00	0.00	0.00	0.00	0.00	2.09	2.09
52	Carver	0.57	0.00	0.00	0.00	1.55	0.00	2.12
53	Charlemont	0.00	0.00	0.00	0.00	0.00	0.00	0.00
54	Charlton	0.00	0.00	0.00	0.00	0.00	0.00	0.00
55	Chatham	5.10	0.00	0.00	0.00	0.00	0.00	5.10
56	Chelmsford	5.23	0.00	0.00	0.00	0.65	0.00	5.88
57	Chelsea	0.93	0.00	0.00	0.00	0.67	0.00	1.60
58	Cheshire	8.41	0.00	0.00	0.00	0.00	0.00	8.41
59	Chester	1.46	0.00	0.00	0.00	0.00	0.00	1.46
60	Chesterfield	0.00	0.00	0.00	0.00	0.00	8.44	8.44
61	Chicopee	0.22	0.00	6.06	0.00	2.96	6.17	15.41
62	Chilmark	0.00	0.00	0.00	0.00	5.76	0.00	5.76
63	Clarksburg	0.00	0.00	0.00	0.00	0.00	2.85	2.85
64	Clinton	0.60	0.00	0.00	0.00	5.18	1.92	7.70
65	Cohasset	1.63	0.00	0.00	0.00	0.00	0.00	1.63
66	Colrain	0.00	0.00	0.00	0.00	0.00	0.00	0.00
67	Concord	1.21	0.00	2.21	0.00	0.57	7.68	11.67
68	Conway	0.00	0.00	0.00	0.00	0.00	0.00	0.00
69	Cummington	0.00	0.00	0.00	0.00	0.00	0.00	0.00
70	Dalton	0.00	0.00	0.00	0.00	0.00	2.42	2.42
71	Danvers	5.62	0.00	8.87	0.00	0.00	3.06	17.55
72	Dartmouth	0.00	0.00	0.00	0.00	12.73	5.53	18.26
73	Dedham	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74	Deerfield	1.59	0.00	0.00	0.00	0.00	8.65	10.24
75	Dennis	7.07	0.00	0.00	0.00	0.00	2.52	9.59
76	Dighton	0.00	0.00	0.00	0.00	4.62	0.00	4.62
77	Douglas	13.66	0.00	0.00	0.00	0.00	0.00	13.66
78	Dover	0.00	0.00	0.00	0.00	0.00	0.00	0.00
79	Dracut	0.00	0.00	0.00	0.00	0.00	2.95	2.95
80	Dudley	0.75	0.00	0.00	0.00	0.76	0.00	1.51
81	Dunstable	2.31	0.00	0.00	0.00	0.00	0.00	2.31
82	Duxbury	0.00	0.00	0.00	0.00	0.00	0.00	0.00
83	East Bridgewater	0.00	0.00	0.00	0.00	1.98	7.40	9.38
84	East Brookfield	0.00	0.00	0.00	0.00	0.00	0.00	0.00
85	East Longmeadow	1.57	0.00	0.00	0.00	6.31	0.00	7.88
86	Eastham	6.29	0.00	0.00	0.00	0.00	0.00	6.29
87	Easthampton	4.82	0.32	0.00	0.00	0.00	0.94	6.08
88	Easton	2.92	0.00	0.00	0.00	0.00	0.00	2.92
89	Edgartown	21.82	0.00	0.00	0.00	9.39	0.00	31.21
90	Egremont	0.00	0.00	0.00	0.00	0.00	3.15	3.15
91	Erving	0.69	0.00	0.00	0.00	0.00	0.00	0.69
92	Essex	0.00	0.00	0.00	0.00	0.00	0.00	0.00
93	Everett	1.43	0.00	0.47	0.00	0.23	0.83	2.96
94	Fairhaven	4.49	0.00	0.00	0.00	8.47	0.53	13.49
95	Fall River	0.69	0.65	0.00	0.00	8.84	5.88	16.06
96	Falmouth	46.77	0.00	0.00	0.00	6.49	0.08	53.34

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MILEAGE REPORT TABLE 4

Facility Status By Location (City/Town)

City Town		Existing	Under Construction	In Design	Feasibility	Proposed	Envisioned	Total
No	Name							
97	Fitchburg	1.06	0.00	0.00	0.00	0.00	0.00	1.06
98	Florida	0.00	0.00	0.00	0.00	0.00	0.00	0.00
99	Foxborough	1.70	0.00	0.00	0.00	0.00	0.00	1.70
100	Framingham	2.23	0.00	0.00	4.60	0.00	0.00	6.83
101	Franklin	0.00	0.00	0.00	0.00	0.00	0.00	0.00
102	Freetown	0.00	0.00	0.00	0.00	0.00	0.00	0.00
103	Gardner	9.25	0.00	0.00	0.00	2.44	0.00	11.69
104	Aquinnah	0.00	0.00	0.00	0.00	0.00	0.00	0.00
105	Georgetown	0.00	0.00	0.00	0.00	0.00	5.11	5.11
106	Gill	3.72	0.00	0.00	0.00	0.00	0.62	4.34
107	Gloucester	0.00	0.00	0.00	0.00	22.38	0.00	22.38
108	Goshen	0.00	0.00	0.00	0.00	0.00	0.00	0.00
109	Gosnold	0.00	0.00	0.00	0.00	0.00	0.00	0.00
110	Grafton	0.00	0.00	0.00	0.00	1.32	2.91	4.23
111	Granby	0.00	0.00	0.00	0.00	0.00	1.85	1.85
112	Granville	0.00	0.00	0.00	0.00	0.00	0.00	0.00
113	Great Barrington	0.00	0.00	0.00	0.00	0.00	8.10	8.10
114	Greenfield	11.01	0.00	0.00	0.00	0.00	0.00	11.01
115	Groton	6.16	0.00	0.00	3.74	2.63	0.00	12.53
116	Groveland	0.00	0.00	0.00	0.00	0.00	0.00	0.00
117	Hadley	5.13	0.00	0.00	0.00	12.57	0.00	17.70
118	Halifax	0.00	0.00	0.00	0.00	0.00	4.55	4.55
119	Hamilton	0.53	0.00	0.00	0.00	0.00	0.00	0.53
120	Hampden	0.00	0.00	0.00	0.00	0.00	0.00	0.00
121	Hancock	0.00	0.00	0.00	0.00	0.00	3.26	3.26
122	Hanover	0.00	0.00	0.00	0.00	0.00	0.00	0.00
123	Hanson	0.00	0.00	0.00	0.00	0.00	0.00	0.00
124	Hardwick	0.90	0.00	0.00	0.00	0.00	6.97	7.87
125	Harvard	1.63	0.00	0.00	0.00	0.00	7.39	9.02
126	Harwich	8.38	0.00	0.00	0.00	0.00	0.00	8.38
127	Hatfield	0.00	0.00	0.00	0.00	0.00	6.22	6.22
128	Haverhill	0.47	0.00	0.00	0.00	0.00	4.21	4.68
129	Hawley	0.00	0.00	0.00	0.00	0.00	0.00	0.00
130	Heath	0.00	0.00	0.00	0.00	0.00	0.00	0.00
131	Hingham	7.56	0.00	0.00	0.00	0.00	0.00	7.56
132	Hinsdale	0.00	0.00	0.00	0.00	0.00	4.57	4.57
133	Holbrook	0.00	0.00	0.00	0.00	0.00	1.02	1.02
134	Holden	6.62	0.00	0.00	0.00	3.65	8.00	18.27
135	Holland	0.00	0.00	0.00	0.00	0.00	0.00	0.00
136	Holliston	0.00	0.00	1.86	0.00	0.00	0.00	1.86
137	Holyoke	0.89	0.00	0.19	0.00	7.63	2.37	11.08
138	Hopedale	0.00	0.00	0.00	0.00	0.00	0.00	0.00
139	Hopkinton	0.00	0.00	0.00	0.00	0.00	0.00	0.00
140	Hubbardston	2.71	0.00	0.00	0.00	0.00	0.00	2.71
141	Hudson	3.53	0.00	0.00	0.00	1.76	5.18	10.47
142	Hull	0.00	0.00	0.00	0.00	0.00	0.00	0.00
143	Huntington	0.00	0.00	0.00	0.00	0.00	0.00	0.00
144	Ipswich	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Bicycle Facility Inventory Report 2011

MILEAGE REPORT TABLE 4

Facility Status By Location (City/Town)

City Town		Existing	Under Construction	In Design	Feasibility	Proposed	Envisioned	Total
No	Name							
145	Kingston	0.95	0.00	0.00	0.00	1.81	2.87	5.63
146	Lakeville	0.00	0.00	0.00	0.00	4.88	0.00	4.88
147	Lancaster	0.00	0.00	0.00	0.00	0.00	3.43	3.43
148	Lanesborough	2.43	0.00	0.00	0.00	4.40	0.11	6.94
149	Lawrence	0.00	0.00	0.00	0.00	0.00	3.29	3.29
150	Lee	0.00	0.00	0.00	0.00	5.43	4.55	9.98
151	Leicester	1.49	0.00	0.00	0.00	0.00	0.00	1.49
152	Lenox	0.00	0.00	0.00	0.00	12.82	4.46	17.28
153	Leominster	0.80	0.00	0.45	0.00	4.42	0.00	5.67
154	Leverett	5.48	0.00	0.00	0.00	0.00	0.00	5.48
155	Lexington	9.73	0.00	0.00	0.00	0.00	1.53	11.26
156	Leyden	0.00	0.00	0.00	0.00	0.00	0.00	0.00
157	Lincoln	4.85	0.00	0.00	0.00	0.00	4.35	9.20
158	Littleton	0.00	0.00	0.00	0.00	0.00	0.00	0.00
159	Longmeadow	0.00	0.00	0.00	0.00	0.00	0.00	0.00
160	Lowell	7.55	0.00	0.00	0.82	2.55	7.05	17.97
161	Ludlow	0.00	0.00	0.00	0.00	0.00	0.00	0.00
162	Lunenburg	0.75	0.00	0.00	0.00	0.00	0.00	0.75
163	Lynn	6.48	0.00	0.00	0.00	7.33	0.06	13.87
164	Lynnfield	0.89	0.00	0.00	0.00	2.68	0.00	3.57
165	Malden	0.32	0.00	0.00	0.00	8.98	0.00	9.30
166	Manchester by the Sea	0.00	0.00	0.00	0.00	0.00	0.00	0.00
167	Mansfield	1.90	0.00	0.00	0.00	0.00	0.00	1.90
168	Marblehead	3.47	0.00	0.00	0.00	0.00	1.14	4.61
169	Marion	0.00	0.00	0.00	0.00	1.11	0.00	1.11
170	Marlborough	1.72	0.00	0.00	0.00	0.00	0.00	1.72
171	Marshfield	0.00	0.00	0.00	0.00	0.00	0.00	0.00
172	Mashpee	3.41	0.00	0.00	0.00	0.00	0.00	3.41
173	Mattapoisett	0.44	0.00	1.22	0.00	7.60	4.30	13.56
174	Maynard	0.25	0.00	0.00	0.00	0.00	0.00	0.25
175	Medfield	0.00	0.00	0.00	0.00	0.00	0.00	0.00
176	Medford	6.93	0.00	0.00	0.00	1.86	1.43	10.22
177	Medway	0.00	0.00	0.00	0.00	0.00	0.00	0.00
178	Melrose	0.00	0.00	0.00	0.00	0.00	0.00	0.00
179	Mendon	0.00	0.00	0.00	0.00	0.00	0.00	0.00
180	Merrimac	2.04	0.00	0.00	0.00	10.49	0.00	12.53
181	Methuen	0.00	0.00	0.00	0.00	0.00	4.04	4.04
182	Middleborough	0.00	0.00	0.00	0.00	8.82	0.00	8.82
183	Middlefield	0.00	0.00	0.00	0.00	0.00	0.00	0.00
184	Middleton	0.00	0.00	0.00	0.00	16.85	0.00	16.85
185	Milford	5.76	0.00	0.00	0.00	1.08	0.00	6.84
186	Millbury	3.25	0.00	0.00	0.00	6.32	2.26	11.83
187	Millis	0.00	0.00	0.00	0.00	0.00	0.00	0.00
188	Millville	2.29	0.00	0.97	0.00	0.00	1.69	4.95
189	Milton	11.66	0.00	0.00	0.00	7.29	0.90	19.85
190	Monroe	0.00	0.00	0.00	0.00	0.00	0.00	0.00
191	Monson	0.00	0.00	0.00	0.00	0.00	0.00	0.00
192	Montague	21.66	0.00	0.00	0.00	0.00	0.00	21.66

Bicycle Facility Inventory Report 2011

MILEAGE REPORT TABLE 4

Facility Status By Location (City/Town)

City Town		Existing	Under Construction	In Design	Feasibility	Proposed	Envisioned	Total
No	Name							
193	Monterey	0.00	0.00	0.00	0.00	0.00	0.00	0.00
194	Montgomery	0.00	0.00	0.00	0.00	0.00	0.00	0.00
195	Mount Washington	0.00	0.00	0.00	0.00	0.00	0.00	0.00
196	Nahant	2.54	0.00	0.00	0.00	0.00	0.04	2.58
197	Nantucket	36.99	0.46	4.55	0.00	20.03	0.00	62.03
198	Natick	14.08	0.00	1.18	0.00	0.00	0.00	15.26
199	Needham	5.77	0.00	0.00	0.00	0.00	0.00	5.77
200	New Ashford	0.00	0.00	0.00	0.00	0.00	0.00	0.00
201	New Bedford	6.44	0.20	0.00	0.00	11.05	3.17	20.86
202	New Braintree	0.00	0.00	0.00	0.00	0.00	0.31	0.31
203	New Marlborough	0.00	0.00	0.00	0.00	0.00	0.00	0.00
204	New Salem	0.00	0.00	0.00	0.00	0.00	0.00	0.00
205	Newbury	2.01	0.00	3.95	0.00	6.95	0.80	13.71
206	Newburyport	3.61	0.00	0.72	0.00	1.18	1.00	6.51
207	Newton	9.37	1.22	0.00	0.00	6.26	0.97	17.82
208	Norfolk	0.00	0.00	0.00	0.00	0.00	0.00	0.00
209	North Adams	0.00	0.00	0.00	4.35	10.19	10.41	24.95
210	North Andover	0.00	0.00	0.00	0.00	0.00	3.00	3.00
211	North Attleboro	0.00	0.00	0.00	0.00	0.00	0.00	0.00
212	North Brookfield	0.00	0.00	0.00	0.00	0.00	0.00	0.00
213	North Reading	0.00	0.00	0.00	0.00	0.00	0.00	0.00
214	Northampton	20.37	0.00	0.00	0.00	14.26	4.82	39.45
215	Northborough	0.21	0.00	0.00	0.00	1.47	0.00	1.68
216	Northbridge	2.45	0.00	0.00	0.00	10.76	6.85	20.06
217	Northfield	9.01	0.00	0.00	0.00	0.00	3.82	12.83
218	Norton	0.00	0.00	0.00	0.00	6.47	0.00	6.47
219	Norwell	0.13	0.00	0.00	0.00	0.00	0.00	0.13
220	Norwood	0.00	0.00	0.00	0.00	0.00	0.00	0.00
221	Oak Bluffs	6.88	0.00	0.00	0.00	1.99	0.00	8.87
222	Oakham	0.00	0.86	0.00	0.00	0.00	1.99	2.85
223	Orange	0.00	0.00	0.00	0.00	0.00	0.00	0.00
224	Orleans	3.39	0.00	0.00	0.00	0.00	0.00	3.39
225	Otis	0.00	0.00	0.00	0.00	0.00	0.00	0.00
226	Oxford	0.00	0.00	0.00	0.00	0.00	0.00	0.00
227	Palmer	1.90	0.00	0.00	0.00	44.81	0.00	46.71
228	Paxton	0.00	0.00	0.00	0.00	0.00	0.00	0.00
229	Peabody	4.49	0.00	0.00	0.00	0.00	0.00	4.49
230	Pelham	0.00	0.00	0.00	0.00	0.00	0.00	0.00
231	Pembroke	0.00	0.00	0.00	0.00	1.39	0.00	1.39
232	Pepperell	1.77	0.00	0.00	0.00	0.00	0.00	1.77
233	Peru	0.00	0.00	0.00	0.00	0.00	3.80	3.80
234	Petersham	0.00	0.00	0.00	0.00	0.00	0.00	0.00
235	Phillipston	0.69	0.00	0.00	0.00	0.00	0.00	0.69
236	Pittsfield	0.80	0.00	0.00	0.00	0.27	14.66	15.73
237	Plainfield	0.00	0.00	0.00	0.00	0.00	0.00	0.00
238	Plainville	0.00	0.00	0.00	0.00	0.00	0.00	0.00
239	Plymouth	16.22	0.00	0.00	0.00	0.00	17.55	33.77
240	Plympton	0.00	0.00	0.00	0.00	0.00	5.12	5.12

Bicycle Facility Inventory Report 2011

MILEAGE REPORT TABLE 4

Facility Status By Location (City/Town)

City Town		Existing	Under Construction	In Design	Feasibility	Proposed	Envisioned	Total
No	Name							
241	Princeton	1.61	0.00	0.00	0.00	0.00	0.00	1.61
242	Provincetown	9.15	0.00	0.00	0.00	0.00	1.95	11.10
243	Quincy	2.27	0.00	0.00	0.00	0.00	0.00	2.27
244	Randolph	0.26	0.00	0.00	0.00	0.00	5.61	5.87
245	Raynham	0.00	0.00	0.00	0.00	5.61	0.00	5.61
246	Reading	2.23	0.00	0.00	0.00	0.00	0.00	2.23
247	Rehoboth	0.00	0.00	0.00	0.00	0.00	0.00	0.00
248	Revere	2.64	0.00	0.00	0.00	0.00	0.00	2.64
249	Richmond	0.00	0.00	0.00	0.00	0.00	0.00	0.00
250	Rochester	0.00	0.00	0.00	0.00	2.24	6.16	8.40
251	Rockland	0.00	0.00	0.00	0.00	2.35	0.00	2.35
252	Rockport	0.00	0.00	0.00	0.00	0.00	0.00	0.00
253	Rowe	5.70	0.00	0.00	0.00	0.00	0.00	5.70
254	Rowley	0.00	0.00	0.00	0.00	0.00	0.00	0.00
255	Royalston	0.78	0.00	0.00	0.00	0.00	0.00	0.78
256	Russell	0.00	0.00	0.00	0.00	0.00	0.00	0.00
257	Rutland	7.94	0.00	0.00	0.00	6.50	2.68	17.12
258	Salem	7.52	0.00	0.00	0.00	1.18	5.35	14.05
259	Salisbury	7.78	0.00	2.43	0.00	5.31	2.19	17.71
260	Sandisfield	0.00	0.00	0.00	0.00	0.00	0.00	0.00
261	Sandwich	9.48	0.00	0.00	0.00	0.00	0.00	9.48
262	Saugus	4.77	0.00	0.00	0.00	3.83	0.00	8.60
263	Savoy	0.00	0.00	0.00	0.00	0.00	0.00	0.00
264	Scituate	1.61	0.00	0.00	0.00	0.00	0.00	1.61
265	Seekonk	0.00	0.00	0.00	0.00	3.07	0.00	3.07
266	Sharon	0.00	0.00	0.00	0.00	0.00	0.00	0.00
267	Sheffield	0.00	0.00	0.00	0.00	0.00	5.79	5.79
268	Shelburne	0.00	0.00	0.00	0.00	0.00	0.00	0.00
269	Sherborn	0.00	0.00	0.00	0.00	0.00	0.00	0.00
270	Shirley	0.00	0.00	0.00	0.00	0.00	0.00	0.00
271	Shrewsbury	0.47	0.00	0.00	0.00	20.85	0.00	21.32
272	Shutesbury	0.00	0.00	0.00	0.00	0.00	0.00	0.00
273	Somerset	1.14	0.28	0.00	0.00	10.83	2.17	14.42
274	Somerville	17.32	0.21	0.64	0.00	7.99	0.20	26.36
275	South Hadley	0.00	0.00	0.00	0.00	2.75	5.60	8.35
276	Southampton	0.00	0.73	0.00	0.00	9.38	5.46	15.57
277	Southborough	0.00	0.00	0.00	0.00	0.00	0.00	0.00
278	Southbridge	1.53	0.00	0.00	0.00	6.03	0.00	7.56
279	Southwick	5.31	0.00	0.00	0.00	0.00	0.00	5.31
280	Spencer	1.68	0.00	0.00	0.00	0.00	0.00	1.68
281	Springfield	3.73	0.00	0.37	0.00	0.13	1.91	6.14
282	Sterling	1.73	0.00	0.00	0.00	6.96	7.34	16.03
283	Stockbridge	0.00	0.00	0.00	0.00	28.64	5.76	34.40
284	Stoneham	0.75	0.00	2.56	0.00	6.11	0.00	9.42
285	Stoughton	0.00	0.00	0.00	0.00	6.08	0.00	6.08
286	Stow	2.79	0.00	0.00	0.00	6.81	0.89	10.49
287	Sturbridge	2.11	0.00	0.65	0.00	10.47	0.00	13.23
288	Sudbury	0.00	0.00	0.00	4.97	0.00	4.71	9.68

Bicycle Facility Inventory Report 2011

MILEAGE REPORT TABLE 4

Facility Status By Location (City/Town)

City Town		Existing	Under Construction	In Design	Feasibility	Proposed	Envisioned	Total
No	Name							
289	Sunderland	4.03	0.00	0.00	0.00	0.00	0.00	4.03
290	Sutton	0.00	0.00	0.00	0.00	3.30	1.35	4.65
291	Swampscott	0.29	0.00	0.00	0.00	0.00	2.03	2.32
292	Swansea	13.96	0.00	0.00	0.00	0.81	2.85	17.62
293	Taunton	0.00	0.00	0.00	0.00	30.41	0.00	30.41
294	Templeton	10.00	0.00	0.00	0.00	2.61	0.00	12.61
295	Tewksbury	0.00	0.00	0.00	0.00	0.00	0.00	0.00
296	Tisbury	0.85	0.00	0.00	0.00	0.85	0.00	1.70
297	Tolland	0.00	0.00	0.00	0.00	0.00	0.00	0.00
298	Topsfield	4.14	0.00	0.32	0.00	0.00	4.23	8.69
299	Townsend	0.27	0.00	0.00	0.00	4.02	0.00	4.29
300	Truro	7.40	0.00	0.00	0.00	0.00	5.82	13.22
301	Tyngsborough	0.00	0.00	0.00	0.00	0.00	0.00	0.00
302	Tyringham	0.00	0.00	0.00	0.00	0.00	0.00	0.00
303	Upton	0.00	0.00	0.00	0.00	0.00	0.00	0.00
304	Uxbridge	1.26	0.00	6.04	0.00	0.00	6.76	14.06
305	Wakefield	0.15	0.00	0.00	0.00	0.00	0.00	0.15
306	Wales	0.00	0.00	0.00	0.00	0.00	0.00	0.00
307	Walpole	0.00	0.00	0.00	0.00	0.00	0.00	0.00
308	Waltham	2.43	0.00	0.00	0.00	1.12	5.41	8.96
309	Ware	2.71	0.00	2.96	0.00	18.44	12.48	36.59
310	Wareham	0.00	0.00	0.00	0.00	27.49	0.80	28.29
311	Warren	0.00	0.00	0.00	0.00	0.00	0.00	0.00
312	Warwick	0.00	0.00	0.00	0.00	0.00	0.00	0.00
313	Washington	0.00	0.00	0.00	0.00	0.00	0.00	0.00
314	Watertown	8.21	0.00	0.00	0.00	0.00	0.00	8.21
315	Wayland	6.12	0.00	0.00	0.00	14.37	3.31	23.80
316	Webster	0.00	0.00	0.00	0.00	7.08	0.00	7.08
317	Wellesley	4.30	0.00	0.00	0.00	0.00	0.00	4.30
318	Wellfleet	5.38	0.00	0.00	0.00	2.02	5.51	12.91
319	Wendell	0.00	0.00	0.00	0.00	0.00	0.00	0.00
320	Wenham	0.00	0.00	0.00	0.00	0.00	1.93	1.93
321	West Boylston	0.90	0.00	0.00	0.00	1.24	7.31	9.45
322	West Bridgewater	0.00	0.00	0.00	0.00	0.00	0.00	0.00
323	West Brookfield	0.00	0.00	0.00	0.00	0.00	1.11	1.11
324	West Newbury	0.00	0.00	0.46	0.00	0.00	0.00	0.46
325	West Springfield	0.00	0.00	1.97	0.00	3.23	0.00	5.20
326	West Stockbridge	0.00	0.00	0.00	0.00	0.00	0.00	0.00
327	West Tisbury	7.16	0.00	0.00	0.00	4.87	0.00	12.03
328	Westborough	6.30	0.00	0.00	0.00	2.79	0.00	9.09
329	Westfield	2.63	0.00	3.04	0.00	0.00	8.54	14.21
330	Westford	3.11	0.00	4.92	0.00	6.15	0.39	14.57
331	Westhampton	0.00	0.00	0.00	0.00	0.00	0.00	0.00
332	Westminster	0.00	0.00	0.00	0.00	0.00	0.00	0.00
333	Weston	0.00	0.00	0.00	0.00	0.00	3.47	3.47
334	Westport	0.00	0.00	0.00	0.00	19.42	2.78	22.20
335	Westwood	0.00	0.00	0.00	0.00	0.00	0.00	0.00
336	Weymouth	2.13	0.00	0.00	0.00	0.15	0.00	2.28

Bicycle Facility Inventory Report 2011

MILEAGE REPORT TABLE 4

Facility Status By Location (City/Town)

City Town		Existing	Under Construction	In Design	Feasibility	Proposed	Envisioned	Total
No	Name							
337	Whatley	0.00	0.00	0.00	0.00	0.00	3.14	3.14
338	Whitman	0.00	0.00	0.00	0.00	0.00	0.00	0.00
339	Wilbraham	0.00	0.00	0.00	0.00	0.00	0.00	0.00
340	Williamsburg	0.00	0.00	0.00	0.00	0.00	4.60	4.60
341	Williamstown	0.00	0.00	0.00	0.00	0.00	2.00	2.00
342	Wilmington	0.00	0.00	0.00	0.00	4.68	0.00	4.68
343	Winchendon	5.97	0.00	2.07	0.00	1.63	0.00	9.67
344	Winchester	2.21	0.00	1.93	0.00	0.00	0.57	4.71
345	Windsor	0.00	0.00	0.00	0.00	0.00	0.00	0.00
346	Winthrop	0.76	0.00	0.00	0.00	0.00	0.00	0.76
347	Woburn	2.66	0.00	0.10	0.86	0.87	0.00	4.49
348	Worcester	11.93	0.68	3.07	0.00	14.31	4.29	34.28
349	Worthington	0.00	0.00	0.00	0.00	0.00	8.27	8.27
350	Wrentham	0.00	0.00	0.00	0.00	0.00	0.00	0.00
351	Yarmouth	7.98	0.00	5.76	0.00	0.88	0.38	15.00
Total		977.82	9.60	94.12	19.34	859.37	516.43	2,476.68

Bicycle Facility Inventory Report 2011

MILEAGE REPORT TABLE 5

Massachusetts Existing Bicycle Accomodation Mileage Summary

Communities with one or more total miles of "Existing" bicycle accommodations:

City Town	On-Road Striped Lane*	On-Road Marked Shared Lane**	On-Road Signed Route	Total On-Road Lane or Signed	On-Road Unsigned Route	Off-Road Shared Use Path	Off-Road Minimally Improved Path	Total Off-Road Path	Total
Agawam	0.00	0.00	0.00	0.00	0.00	1.73	0.00	1.73	1.73
Amesbury	0.00	0.00	0.00	0.00	0.00	1.46	0.00	1.46	1.46
Amherst	10.13	0.00	0.00	10.13	0.00	4.61	0.00	4.61	14.74
Arlington	0.74	0.00	0.00	0.74	0.00	4.61	0.00	4.61	5.35
Ashburnham	0.00	0.00	0.00	0.00	0.00	0.00	1.02	1.02	1.02
Attleboro	0.00	0.00	9.30	9.30	0.00	0.00	0.00	0.00	9.30
Ayer	0.00	0.00	0.00	0.00	0.00	1.83	0.00	1.83	1.83
Barnstable	0.00	0.00	10.25	10.25	0.00	4.95	0.00	4.95	15.20
Barre	0.00	0.00	0.00	0.00	0.00	0.00	14.43	14.43	14.43
Bedford	0.47	0.00	0.00	0.47	0.00	1.53	7.15	8.68	9.15
Belchertown	0.00	0.00	0.00	0.00	0.00	1.47	0.00	1.47	1.47
Belmont	1.68	0.13	0.00	1.81	0.00	0.00	0.76	0.76	2.57
Berlin	0.00	0.00	0.00	0.00	0.00	0.00	10.16	10.16	10.16
Bernardston	0.00	0.00	1.07	1.07	0.00	0.00	0.00	0.00	1.07
Blackstone	0.00	0.00	0.00	0.00	0.00	0.00	10.37	10.37	10.37
Boston	32.23	13.28	0.00	45.51	0.00	48.29	0.42	48.71	94.22
Bourne	0.00	0.00	3.88	3.88	0.00	12.27	0.00	12.27	16.15
Braintree	0.00	0.00	0.00	0.00	0.00	2.02	0.00	2.02	2.02
Brewster	0.00	0.00	0.00	0.00	0.00	13.71	0.00	13.71	13.71
Bridgewater	0.00	0.00	0.00	0.00	0.00	0.00	1.42	1.42	1.42
Brookline	3.97	0.08	0.00	4.05	0.00	0.97	0.10	1.07	5.12
Burlington	0.00	0.00	0.00	0.00	0.00	0.68	0.94	1.62	1.62
Cambridge	18.88(1.04)	2.58	0.00	22.50	0.00	12.67	0.00	12.67	35.17
Canton	0.07	0.00	0.00	0.07	0.00	0.00	1.96	1.96	2.03
Chatham	0.00	0.00	1.58	1.58	0.00	3.52	0.00	3.52	5.10
Chelmsford	0.00	0.00	0.00	0.00	0.00	5.23	0.00	5.23	5.23
Cheshire	0.00	0.00	0.00	0.00	0.00	8.41	0.00	8.41	8.41
Chester	0.00	0.00	0.00	0.00	0.00	0.00	1.46	1.46	1.46
Cohasset	0.00	0.00	0.00	0.00	0.00	1.63	0.00	1.63	1.63
Concord	0.00	0.00	0.00	0.00	0.00	0.41	0.80	1.21	1.21
Danvers	0.00	0.00	0.00	0.00	0.00	0.00	5.62	5.62	5.62
Deerfield	0.00	0.00	1.09	1.09	0.00	0.50	0.00	0.50	1.59
Dennis	0.00	0.00	0.00	0.00	0.00	7.07	0.00	7.07	7.07
Douglas	0.00	0.00	0.00	0.00	0.00	0.00	13.66	13.66	13.66
Dunstable	0.00	0.00	0.00	0.00	0.00	2.31	0.00	2.31	2.31
East Longmeadow	0.00	0.00	0.00	0.00	0.00	1.57	0.00	1.57	1.57
Eastham	0.00	0.00	0.00	0.00	0.00	6.29	0.00	6.29	6.29
Easthampton	0.00	0.00	0.00	0.00	0.00	4.82	0.00	4.82	4.82
Easton	0.00	0.00	0.00	0.00	0.00	0.00	2.92	2.92	2.92
Edgartown	0.00	0.00	0.73	0.73	0.00	21.09	0.00	21.09	21.82
Everett	0.00	0.00	0.00	0.00	0.00	1.43	0.00	1.43	1.43
Fairhaven	0.00	0.00	0.00	0.00	0.00	4.49	0.00	4.49	4.49
Falmouth	0.00	0.00	36.09	36.09	0.00	10.68	0.00	10.68	46.77
Fitchburg	0.42	0.00	0.00	0.42	0.00	0.64	0.00	0.64	1.06
Foxborough	0.00	0.00	0.00	0.00	0.00	0.00	1.70	1.70	1.70
Framingham	0.00	0.00	0.00	0.00	0.00	0.00	2.23	2.23	2.23
Gardner	0.00	0.00	3.56	3.56	0.00	4.18	1.51	5.69	9.25

Bicycle Facility Inventory Report 2011

MILEAGE REPORT TABLE 5

Massachusetts Existing Bicycle Accomodation Mileage Summary

Communities with one or more total miles of "Existing" bicycle accommodations:

City Town	On-Road Striped Lane*	On-Road Marked Shared Lane**	On-Road Signed Route	Total On-Road Lane or Signed	On-Road Unsigned Route	Off-Road Shared Use Path	Off-Road Minimally Improved Path	Total Off-Road Path	Total
Gill	0.00	0.00	3.72	3.72	0.00	0.00	0.00	0.00	3.72
Greenfield	0.00	0.00	9.41	9.41	0.00	1.60	0.00	1.60	11.01
Groton	0.00	0.00	0.00	0.00	0.00	5.34	0.82	6.16	6.16
Hadley	0.27	0.00	0.00	0.27	0.00	4.86	0.00	4.86	5.13
Harvard	0.00	0.00	0.00	0.00	0.00	0.29	1.34	1.63	1.63
Harwich	0.00	0.00	0.00	0.00	0.00	8.38	0.00	8.38	8.38
Hingham	0.00	0.00	0.00	0.00	0.00	7.56	0.00	7.56	7.56
Holden	0.00	0.00	0.00	0.00	0.00	0.00	6.62	6.62	6.62
Hubbardston	0.00	0.00	0.00	0.00	0.00	0.00	2.71	2.71	2.71
Hudson	0.00	0.00	0.00	0.00	0.00	3.53	0.00	3.53	3.53
Lanesborough	0.71	0.00	0.00	0.71	0.00	1.72	0.00	1.72	2.43
Leicester	0.00	0.00	0.62	0.62	0.00	0.00	0.87	0.87	1.49
Leverett	0.00	0.00	5.48	5.48	0.00	0.00	0.00	0.00	5.48
Lexington	1.52	0.00	0.00	1.52	0.00	7.38	0.83	8.21	9.73
Lincoln	0.00	0.00	0.00	0.00	0.00	0.43	4.42	4.85	4.85
Lowell	0.00	0.00	0.00	0.00	0.00	7.22	0.33	7.55	7.55
Lynn	0.00	0.00	0.00	0.00	0.00	0.00	6.48	6.48	6.48
Mansfield	0.00	0.00	0.00	0.00	0.00	1.90	0.00	1.90	1.90
Marblehead	0.00	0.00	0.00	0.00	0.00	1.77	1.70	3.47	3.47
Marlborough	0.00	0.00	0.00	0.00	0.00	1.72	0.00	1.72	1.72
Mashpee	0.00	0.00	0.00	0.00	0.00	3.41	0.00	3.41	3.41
Medford	0.58	0.00	0.00	0.58	0.00	6.16	0.19	6.35	6.93
Merrimac	0.00	0.00	0.00	0.00	0.00	0.00	2.04	2.04	2.04
Milford	0.00	0.00	0.00	0.00	0.00	5.76	0.00	5.76	5.76
Millbury	0.00	0.00	0.00	0.00	0.00	1.65	1.60	3.25	3.25
Millville	0.00	0.00	0.00	0.00	0.00	0.00	2.29	2.29	2.29
Milton	3.73	6.31	0.00	10.04	0.00	0.40	1.22	1.62	11.66
Montague	0.00	0.00	18.87	18.87	0.00	2.79	0.00	2.79	21.66
Nahant	0.00	0.00	0.00	0.00	0.00	2.54	0.00	2.54	2.54
Nantucket	0.00	0.00	4.83	4.83	1.65	30.51	0.00	30.51	36.99
Natick	0.00	0.00	0.00	0.00	0.00	0.20	13.88	14.08	14.08
Needham	0.00	0.00	0.00	0.00	0.00	0.00	5.77	5.77	5.77
New Bedford	1.80	0.00	0.46	2.26	0.18	4.00	0.00	4.00	6.44
Newbury	2.01	0.00	0.00	2.01	0.00	0.00	0.00	0.00	2.01
Newburyport	2.18	0.00	0.00	2.18	0.00	1.43	0.00	1.43	3.61
Newton	0.43	0.00	0.00	0.43	0.00	1.91	7.03	8.94	9.37
Northampton	0.59	0.00	7.13	7.72	0.00	11.56	1.09	12.65	20.37
Northbridge	0.00	0.00	0.00	0.00	0.00	0.00	2.45	2.45	2.45
Northfield	0.00	0.00	9.01	9.01	0.00	0.00	0.00	0.00	9.01
Oak Bluffs	0.00	0.00	0.00	0.00	0.00	6.88	0.00	6.88	6.88
Orleans	0.00	0.00	0.40	0.40	0.00	2.99	0.00	2.99	3.39
Palmer	0.00	0.00	0.00	0.00	0.00	0.00	1.90	1.90	1.90
Peabody	0.00	0.00	0.00	0.00	0.00	4.49	0.00	4.49	4.49
Pepperell	0.00	0.00	0.00	0.00	0.00	1.77	0.00	1.77	1.77
Plymouth	0.00	0.00	0.00	0.00	0.00	12.72	3.50	16.22	16.22
Princeton	0.00	0.00	0.00	0.00	0.00	0.00	1.61	1.61	1.61
Provincetown	0.35	0.00	1.09	1.44	0.00	7.71	0.00	7.71	9.15

Bicycle Facility Inventory Report 2011

MILEAGE REPORT TABLE 5

Massachusetts Existing Bicycle Accomodation Mileage Summary

Communities with one or more total miles of "Existing" bicycle accommodations:

City Town	On-Road Striped Lane*	On-Road Marked Shared Lane**	On-Road Signed Route	Total On-Road Lane or Signed	On-Road Unsigned Route	Off-Road Shared Use Path	Off-Road Minimally Improved Path	Total Off-Road Path	Total
Quincy	0.00	0.00	0.00	0.00	0.00	2.27	0.00	2.27	2.27
Reading	0.00	0.00	0.00	0.00	0.00	0.00	2.23	2.23	2.23
Revere	0.00	0.00	0.00	0.00	0.00	2.64	0.00	2.64	2.64
Rowe	0.00	0.00	0.00	0.00	0.00	0.00	5.70	5.70	5.70
Rutland	0.00	0.00	0.00	0.00	0.00	5.44	2.50	7.94	7.94
Salem	0.84	3.84	0.00	4.68	0.00	2.84	0.00	2.84	7.52
Salisbury	3.08	0.00	0.00	3.08	0.00	1.35	3.35	4.70	7.78
Sandwich	0.00	0.00	7.87	7.87	0.00	1.61	0.00	1.61	9.48
Saugus	0.00	0.00	0.00	0.00	0.00	3.58	1.19	4.77	4.77
Scituate	0.00	0.00	0.00	0.00	0.00	1.61	0.00	1.61	1.61
Somerset	0.00	0.00	1.14	1.14	0.00	0.00	0.00	0.00	1.14
Somerville	4.63	10.24	0.00	14.87	0.00	2.45	0.00	2.45	17.32
Southbridge	0.00	0.00	0.00	0.00	0.00	0.00	1.53	1.53	1.53
Southwick	0.00	0.00	0.00	0.00	0.00	5.31	0.00	5.31	5.31
Spencer	0.00	0.00	0.00	0.00	0.00	0.00	1.68	1.68	1.68
Springfield	0.00	0.00	0.00	0.00	0.00	3.73	0.00	3.73	3.73
Sterling	0.00	0.00	0.00	0.00	0.00	0.00	1.73	1.73	1.73
Stow	0.00	0.00	0.00	0.00	0.00	0.00	2.79	2.79	2.79
Sturbridge	0.00	0.00	0.00	0.00	0.00	0.00	2.11	2.11	2.11
Sunderland	0.00	0.00	4.03	4.03	0.00	0.00	0.00	0.00	4.03
Swansea	4.88	0.00	7.64	12.52	0.50	0.94	0.00	0.94	13.96
Templeton	0.00	0.00	0.00	0.00	0.00	0.00	10.00	10.00	10.00
Topsfield	0.00	0.00	0.00	0.00	0.00	0.00	4.14	4.14	4.14
Truro	0.00	0.00	5.48	5.48	0.00	1.92	0.00	1.92	7.40
Uxbridge	0.00	0.00	0.00	0.00	0.00	0.00	1.26	1.26	1.26
Waltham	0.00	0.00	0.00	0.00	0.00	2.43	0.00	2.43	2.43
Ware	0.00	0.00	0.00	0.00	0.00	0.00	2.71	2.71	2.71
Watertown	2.55	0.00	0.00	2.55	0.00	5.64	0.02	5.66	8.21
Wayland	0.00	0.00	0.00	0.00	0.00	0.00	6.12	6.12	6.12
Wellesley	0.00	0.00	0.00	0.00	0.00	0.00	4.30	4.30	4.30
Wellfleet	0.00	0.00	2.59	2.59	0.00	2.79	0.00	2.79	5.38
West Tisbury	0.00	0.00	0.00	0.00	0.00	7.16	0.00	7.16	7.16
Westborough	0.00	0.00	0.00	0.00	0.00	0.00	6.30	6.30	6.30
Westfield	0.00	0.00	0.00	0.00	0.00	1.87	0.76	2.63	2.63
Westford	0.00	0.00	0.00	0.00	0.00	1.54	1.57	3.11	3.11
Weymouth	0.00	0.00	0.00	0.00	0.00	2.13	0.00	2.13	2.13
Winchendon	0.00	0.00	0.00	0.00	0.00	1.31	4.66	5.97	5.97
Winchester	0.00	0.00	0.00	0.00	0.00	2.18	0.03	2.21	2.21
Woburn	0.00	0.00	0.00	0.00	0.00	0.39	2.27	2.66	2.66
Worcester	0.54	0.00	9.61	10.15	0.00	1.78	0.00	1.78	11.93
Yarmouth	0.00	0.00	3.14	3.14	0.00	4.84	0.00	4.84	7.98
Total	100.32	36.46	170.07	306.85	2.33	429.40	218.27	0.00	956.85

* This column contains both On-Road Striped and Divided lanes. Divided lanes are a new Facility type, often referred to as "cycle tracks". At the time of this report's creation, only the City of Cambridge has such facilities, totaling 1.04 miles.

** This facility type is a pavement marking, often referred to as a 'sharrow', utilized on low-speed, low volume route. See Appendix B.

Bicycle Facility Inventory Report 2011

MILEAGE REPORT TABLE 6

Massachusetts Programmed Bicycle Accommodation Mileage Summary

Communities with one or more total miles of "Programmed"* bicycle accommodations:

City Town	On-Road Striped Lane	On-Road Marked Shared Lane**	On-Road Signed Route	Total On-Road Lane or Signed	On-Road Unsigned Route	Off-Road Shared Use Path	Off-Road Minimally Improved Path	Total Off-Road Path	Total
Acton	0.00	0.00	0.00	0.00	0.00	4.18	0.00	4.18	4.18
Adams	0.00	0.00	0.00	0.00	0.00	1.14	0.00	1.14	1.14
Agawam	1.49	0.00	0.00	1.49	0.00	0.49	0.00	0.49	1.98
Arlington	0.00	0.00	0.00	0.00	0.00	2.69	0.00	2.69	2.69
Blackstone	0.00	0.00	0.00	0.00	0.00	2.92	0.00	2.92	2.92
Boston	0.53	0.00	0.00	0.53	0.00	0.95	0.00	0.95	1.48
Boxford	0.00	0.00	0.00	0.00	1.96	6.73	0.00	6.73	8.69
Burlington	0.00	0.00	0.00	0.00	0.14	1.07	0.00	1.07	1.21
Cambridge	0.07	0.00	0.00	0.07	0.00	0.95	0.00	0.95	1.02
Chicopee	0.00	0.00	0.00	0.00	0.66	5.40	0.00	5.40	6.06
Concord	0.00	0.00	0.00	0.00	0.00	2.21	0.00	2.21	2.21
Danvers	0.00	0.00	0.00	0.00	0.00	8.87	0.00	8.87	8.87
Holliston	0.00	0.00	0.00	0.00	0.00	1.86	0.00	1.86	1.86
Mattapoisett	0.00	0.00	0.00	0.00	0.00	1.22	0.00	1.22	1.22
Nantucket	0.60	0.00	0.19	0.79	0.00	4.22	0.00	4.22	5.01
Natick	0.00	0.00	0.00	0.00	0.00	1.18	0.00	1.18	1.18
Newbury	0.00	0.00	0.00	0.00	3.95	0.00	0.00	0.00	3.95
Newton	1.22	0.00	0.00	1.22	0.00	0.00	0.00	0.00	1.22
Salisbury	0.00	0.00	0.00	0.00	0.00	2.43	0.00	2.43	2.43
Stoneham	0.00	0.00	0.00	0.00	0.00	2.56	0.00	2.56	2.56
Uxbridge	0.23	0.00	0.00	0.23	1.71	4.10	0.00	4.10	6.04
Ware	0.00	0.00	0.00	0.00	0.00	2.96	0.00	2.96	2.96
West Springfield	0.00	0.00	0.00	0.00	0.00	1.97	0.00	1.97	1.97
Westfield	0.00	0.00	0.00	0.00	0.00	3.04	0.00	3.04	3.04
Westford	0.00	0.00	0.00	0.00	0.00	4.92	0.00	4.92	4.92
Winchendon	0.00	0.00	0.00	0.00	0.00	2.07	0.00	2.07	2.07
Winchester	0.00	0.00	0.00	0.00	0.89	1.04	0.00	1.04	1.93
Worcester	0.00	0.00	0.00	0.00	1.43	2.32	0.00	2.32	3.75
Yarmouth	0.00	0.00	0.00	0.00	0.00	5.76	0.00	5.76	5.76
Total	4.14	0.00	0.19	4.33	10.74	79.25	0.00	79.25	94.32

* "Programmed" refers to an accommodation that is either under construction or in design in the state-level project pipeline. Projects having no state or federal funding are not included in this table.

** This facility type is a pavement marking, often referred to as a 'sharrow', utilized on low-speed, low volume route. See Appendix B.

Bicycle Facility Inventory Report 2011

MILEAGE REPORT TABLE 7

BSG "Preferred" On- and Off-road Mileage by Corridor

Bay State Greenway Corridor	On-Road Miles		Off-Road Miles		Total
	Existing	Total	Existing	Total	
North Shore	0.00	16.88	5.91	36.78	53.66
Merrimack-Charles River	2.09	36.97	23.94	49.20	86.17
Mass Central	0.40	51.86	22.50	105.41	157.27
Boston-Cape Cod	31.63	105.92	46.17	59.05	164.97
Nashua River-Buzzards Bay	0.23	48.92	23.85	78.80	127.72
Connecticut River Valley	36.47	81.40	18.88	40.24	121.64
Berkshire	0.00	10.12	10.85	56.14	66.26
Total	70.82	352.07	152.10	425.62	777.69

** The 2008 Plan calculated the total mileage of the seven corridors to be 740 miles. After refinement of the precise route line data and a few route revisions, this corridors now total 778 miles. The refined GIS data for the secondary BSG route network is still under development.*

Bicycle Facility Inventory Report 2011

MILEAGE REPORT TABLE 8

BSG "Preferred" Mileage by Jurisdiction by Functional Class

MassDOT

Functional Class	Mileage	Jurisdiction Percentage
Principal Arterial	23.91	18.54 %
Rural Minor Arterial/ Urban Principal Arterial	31.38	24.34 %
Urban Minor Arterial/ Rural Major Collector	30.99	24.03 %
Urban Collector/ Rural Minor Collector	2.72	2.11 %
Local	1.96	1.52 %
Off-Road Path	37.98	29.46 %
Total	128.94	100 %

DCR

Functional Class	Mileage	Jurisdiction Percentage
Principal Arterial	0.67	0.93 %
Rural Minor Arterial/ Urban Principal Arterial	0.69	0.95 %
Urban Minor Arterial/ Rural Major Collector	0.00	0.00 %
Urban Collector/ Rural Minor Collector	0.00	0.00 %
Local	0.20	0.28 %
Off-Road Path	70.71	97.84 %
Total	72.27	100 %

Other State/Federal Entity

Functional Class	Mileage	Jurisdiction Percentage
Principal Arterial	0.00	0.00 %
Rural Minor Arterial/ Urban Principal Arterial	0.00	0.00 %
Urban Minor Arterial/ Rural Major Collector	1.47	11.94 %
Urban Collector/ Rural Minor Collector	0.00	0.00 %
Local	0.00	0.00 %
Off-Road Path	10.84	88.06 %
Total	12.31	100 %

University/College*

Functional Class	Mileage	Jurisdiction Percentage
Principal Arterial	0.00	0.00 %
Rural Minor Arterial/ Urban Principal Arterial	0.00	0.00 %
Urban Minor Arterial/ Rural Major Collector	0.00	0.00 %
Urban Collector/ Rural Minor Collector	0.00	0.00 %
Local	0.00	0.00 %
Off-Road Path	1.30	100.00 %
Total	1.30	100 %

Bicycle Facility Inventory Report 2011

MILEAGE REPORT TABLE 8

BSG "Preferred" Mileage by Jurisdiction by Functional Class

Municipal

Functional Class	Mileage	Jurisdiction Percentage
Principal Arterial	5.81	2.07 %
Rural Minor Arterial/ Urban Principal Arterial	31.64	11.25 %
Urban Minor Arterial/ Rural Major Collector	106.33	37.82 %
Urban Collector/ Rural Minor Collector	56.47	20.09 %
Local	39.47	14.04 %
Off-Road Path	41.40	14.73 %
Total	281.12	100 %

Other

Functional Class	Mileage	Jurisdiction Percentage
Principal Arterial	0.00	0.00 %
Rural Minor Arterial/ Urban Principal Arterial	0.00	0.00 %
Urban Minor Arterial/ Rural Major Collector	0.96	7.07 %
Urban Collector/ Rural Minor Collector	0.00	0.00 %
Local	1.67	12.31 %
Off-Road Path	10.94	80.62 %
Total	13.57	100 %

Unknown**

Functional Class	Mileage	Jurisdiction Percentage
Principal Arterial	0.00	0.00 %
Rural Minor Arterial/ Urban Principal Arterial	0.00	0.00 %
Urban Minor Arterial/ Rural Major Collector	0.00	0.00 %
Urban Collector/ Rural Minor Collector	0.00	0.00 %
Local	15.73	5.82 %
Off-Road Path	254.70	94.18 %
Total	270.43	100 %

Total Massachusetts

Functional Class	Mileage	Jurisdiction Percentage
Principal Arterial	30.39	3.90 %
Rural Minor Arterial/ Urban Principal Arterial	63.71	8.17 %
Urban Minor Arterial/ Rural Major Collector	139.75	17.92 %
Urban Collector/ Rural Minor Collector	59.19	7.59 %
Local	59.03	7.57 %
Off-Road Path	427.87	54.86 %
Total	779.94	100 %

* Mileage on roads that are under the jurisdiction of private colleges and universities is included under the "Other" category.

** The unknown jurisdiction mileage comes primarily from envisioned, proposed, or programmed off-road facilities whose jurisdiction has not yet been determined.

Bicycle Facility Inventory Report 2011

MILEAGE REPORT TABLE 9

Existing Mileage by Jurisdiction by Functional Class

MassDOT

Functional Class	Mileage	Jurisdiction Percentage
Principal Arterial	4.04	5.56 %
Rural Minor Arterial/ Urban Principal Arterial	8.44	11.62 %
Urban Minor Arterial/ Rural Major Collector	17.31	23.83 %
Urban Collector/ Rural Minor Collector	0.82	1.13 %
Local	1.86	2.56 %
Off-Road Path	40.18	55.31 %
Total	72.65	100 %

DCR

Functional Class	Mileage	Jurisdiction Percentage
Principal Arterial	0.29	0.13 %
Rural Minor Arterial/ Urban Principal Arterial	0.66	0.30 %
Urban Minor Arterial/ Rural Major Collector	2.00	0.92 %
Urban Collector/ Rural Minor Collector	1.05	0.48 %
Local	0.00	0.00 %
Off-Road Path	214.54	98.17 %
Total	218.54	100 %

Other State/Federal Entity

Functional Class	Mileage	Jurisdiction Percentage
Principal Arterial	0.00	0.00 %
Rural Minor Arterial/ Urban Principal Arterial	0.23	0.37 %
Urban Minor Arterial/ Rural Major Collector	0.15	0.24 %
Urban Collector/ Rural Minor Collector	0.84	1.34 %
Local	0.00	0.00 %
Off-Road Path	61.51	98.06 %
Total	62.73	100 %

University/College*

Functional Class	Mileage	Jurisdiction Percentage
Principal Arterial	0.00	0.00 %
Rural Minor Arterial/ Urban Principal Arterial	0.00	0.00 %
Urban Minor Arterial/ Rural Major Collector	0.00	0.00 %
Urban Collector/ Rural Minor Collector	0.00	0.00 %
Local	0.12	4.86 %
Off-Road Path	2.35	95.14 %
Total	2.47	100 %

Bicycle Facility Inventory Report 2011

MILEAGE REPORT TABLE 9

Existing Mileage by Jurisdiction by Functional Class

Municipal

Functional Class	Mileage	Jurisdiction Percentage
Principal Arterial	3.58	0.80 %
Rural Minor Arterial/ Urban Principal Arterial	55.34	12.35 %
Urban Minor Arterial/ Rural Major Collector	116.66	26.03 %
Urban Collector/ Rural Minor Collector	44.83	10.00 %
Local	49.03	10.94 %
Off-Road Path	178.81	39.89 %
Total	448.25	100 %

Other

Functional Class	Mileage	Jurisdiction Percentage
Principal Arterial	0.00	0.00 %
Rural Minor Arterial/ Urban Principal Arterial	0.00	0.00 %
Urban Minor Arterial/ Rural Major Collector	0.00	0.00 %
Urban Collector/ Rural Minor Collector	0.00	0.00 %
Local	1.71	30.43 %
Off-Road Path	3.91	69.57 %
Total	5.62	100 %

Unknown**

Functional Class	Mileage	Jurisdiction Percentage
Principal Arterial	0.00	0.00 %
Rural Minor Arterial/ Urban Principal Arterial	0.00	0.00 %
Urban Minor Arterial/ Rural Major Collector	0.00	0.00 %
Urban Collector/ Rural Minor Collector	0.00	0.00 %
Local	2.73	1.63 %
Off-Road Path	164.83	98.37 %
Total	167.56	100 %

Total Massachusetts

Functional Class	Mileage	Jurisdiction Percentage
Principal Arterial	7.91	0.81 %
Rural Minor Arterial/ Urban Principal Arterial	64.67	6.61 %
Urban Minor Arterial/ Rural Major Collector	136.12	13.92 %
Urban Collector/ Rural Minor Collector	47.54	4.86 %
Local	55.45	5.67 %
Off-Road Path	666.13	68.12 %
Total	977.82	100 %

* Mileage on roads that are under the jurisdiction of private colleges and universities is included under the "Other" category.

** The unknown jurisdiction mileage comes primarily from minimally improved off-road facilities whose jurisdiction has not yet been determined.

III. APPENDICES

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APPENDIX A FORMAT OF BIKE FACILITY INVENTORY FILE

Field Name	Alias	Type	Precn.	Scale	Length	Edit	Null	Req.	Domain	Fixed
OBJECTID	OBJECTID	OID	0	0	4	No	No	Yes	No	
Shape	Shape	Geometry	0	0	0	Yes	No	Yes	No	
BikeInventory_ID	Bike Inventory ID	Integer	0	0	4	Yes	No	Yes	No	
RoadSegment_ID	Road Segment ID	Integer	0	0	4	Yes	Yes	No	No	
FromMeasure	From Measure	Double	0	0	8	Yes	Yes	No	No	
ToMeasure	To Measure	Double	0	0	8	Yes	Yes	No	No	
LocalName	Local Name	String	0	0	100	Yes	Yes	No	No	
AlternateTrailName	Alternate Trail Name	String	0	0	100	Yes	Yes	No	No	
RegionalName	Regional Name	String	0	0	100	Yes	Yes	No	No	
BayStateGreenway	Bay State Greenway	String	0	0	1	Yes	Yes	No	Yes	
BSGProposed	BSG Proposed	String	0	0	1	Yes	Yes	No	No	
BSGPreferred	BSG Preferred	String	0	0	1	Yes	Yes	No	No	
BikeFacilityStatus	Bike Facility Status	Small Integer	0	0	2	Yes	Yes	No	Yes	
Bike FacilityType	Bike Facility Type	Small Integer	0	0	2	Yes	Yes	No	Yes	
BikeSurfaceWidthRight	Bike Surface Width Right	Small Integer	0	0	2	Yes	Yes	No	No	
BikeSurfaceWidthLeft	Bike Surface Width Left	Small Integer	0	0	2	Yes	Yes	No	No	
SurfaceType	Surface Type	Small Integer	0	0	2	Yes	Yes	No	Yes	
CurrentOwner	Current Owner	String	0	0	100	Yes	Yes	No	No	
PreviousOwner	Previous Owner	String	0	0	100	Yes	Yes	No	No	
Steward	Steward	String	0	0	100	Yes	Yes	No	No	
OpeningDate	Opening Date	Date	0	0	8	Yes	Yes	No	No	
DateLastProjectActivity	Date Last Project Activity	Date	0	0	8	Yes	Yes	No	No	
ProjectNum	Project Number	String	0	0	50	Yes	Yes	No	No	
DataSource	Data Source	String	0	0	255	Yes	Yes	No	No	
Websites	Websites	String	0	0	255	Yes	Yes	No	No	
BikeVolumeWeekdays	Bike Volume Weekdays	Small Integer	0	0	2	Yes	Yes	No	No	
BikeVolumeWeekends	Bike Volume Weekends	Small Integer	0	0	2	Yes	Yes	No	No	
BikeVolumeYearWeekdays	Bike Volume Year Weekdays	Small Integer	0	0	2	Yes	Yes	No	No	
BikeVolumeYearWeekends	Bike Volume Year Weekends	Small Integer	0	0	2	Yes	Yes	No	No	
PlanMapID	Plan Map ID	String	0	0	10	Yes	Yes	No	No	

APPENDIX B
DEFINITION OF TERMS AND CATEGORIES

BikeInventory_ID: A unique identifier assigned to each line feature in the BFI. It is intended to remain as consistent as possible across releases of the BFI, thus allowing for comparisons between versions, as well as for the development of related data that references features in the BFI using a common key.

RoadSegment_ID: Unique identifier of the segment from the Road Inventory on which the bicycle feature is located, if applicable. A RoadSegment_ID is generally not provided for proposed facilities.

FromMeasure: Measured length along the specified RoadSegment feature where the BFI feature starts.

ToMeasure: Measured length along the RoadSegment feature where the BFI feature ends.

LocalName: Name by which the facility is identified at the most local level. Facilities may simultaneously have names that place them within a larger geographic context. Such names are reflected in the RegionalName attribute. This is particularly true of facilities lying along long distance routes, such as the BSG Mass Central route, which runs between Boston and New York State. This is also true of programmed or proposed facilities built in stages, each of which has a name distinct from the overall project name and stored as the local name. Null when no local name is known.

AlternateTrailName: Additional names by which a facility is known. This might include a colloquial name such as the Southwest Corridor Bike Path as opposed to an official name, stored as the local name, such as the Pierre Lallemont Bike Path. Names are delimited by commas. Null when no alternate names are known.

RegionalName: Names of regional systems or long-distance facilities of which the facility is a part, including the Bay State Greenways. Bay State Greenways are abbreviated “BSG_” followed by the number of the primary corridor (see description of the BayStateGreenway attribute). The distinct values in this attribute are delimited by plus (“+”) signs, i.e. “+BSG_3+Mass Central+”. Null when no regional names are known.

BayStateGreenway: Principal component of the Bay State Greenways of which the facility forms a part. Use in conjunction with BSGProposed or BSGPreferred attributes. The 2008 Massachusetts Bicycle Transportation Plan proposes a seven corridor BSG system, using a combination of shared use paths and on-road through the Commonwealth, along with a secondary network of feeder routes. In an Esri geodatabase this attribute is restricted to the list of values through a geodatabase domain.

- 1 = North Shore Corridor
- 2 = Merrimack River–Charles River Corridor
- 3 = Mass Central Corridor
- 4 = Boston–Cape Cod Corridor
- 5 = Nashua River–Buzzards Bay Corridor
- 6 = Connecticut River Valley (East and West) Corridor
- 7 = Berkshire Corridor
- S = Secondary Bay State Greenway component

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N = Not a component of the Bay State Greenways

If the facility forms a part of more than one component, then the lowest number is used. Full coding of secondary components of the BSG is still under development.

BSGProposed: Indicates whether the facility is part of the “Proposed” configuration of the BSG. Proposed routes include interim on-road facilities where an off-road shared use path is under envisioned in the future. In an Esri geodatabase this attribute is restricted to the listed values through a geodatabase domain.

Y = Part of Proposed configuration

N = Not part of Proposed configuration

BSGPreferred: indicates whether the facility is part of the “Preferred” (referred to as “Ultimate” in the 2008 Plan) configuration of the BSG. In an Esri geodatabase this attribute is restricted to the listed values through a geodatabase domain.

Y = Part of Preferred configuration

N = Not part of Preferred configuration

BikeFacilityStatus: The position of the facility along the project development timeline, from envisioning through construction. In an Esri geodatabase this attribute is restricted to the listed values through a geodatabase domain.

1 = Constructed (existing)

2 = Under construction, or construction funds programmed or promised

3 = In design, or design funds programmed or promised

4 = Feasibility being studied, or feasibility study funds programmed or promised

5 = Proposed in a regional transportation or municipal plan or by an advocate organization

6 = Otherwise envisioned as part of a long-term goal

BikeFacilityType: The type of the bicycle facility. This attribute may not be known for not-yet built facilities. In an Esri geodatabase this attribute is restricted to the listed values through a geodatabase domain.

1 = On-road marked lane

2 = On-road divided lane

3 = On-road sign-posted bike route

4 = On-road unsigned (route might be described in map or promotional materials)

5 = Off-road shared use path

6 = Off-road minimally improved path

7 = Off-road unimproved route

9 = On-road marked shared lane

NULL = Unknown

BikeSurfaceWidthRight: For off-road facilities this indicates the width in feet of the path; for on-road facilities this indicates the width in feet of the lane or track on the right side of the street (relative to the direction of the line feature). This attribute may not be known for not-yet-built facilities.

BikeSurfaceWidthLeft: For on-road facilities this indicates the width in feet of the lane or track on the left side of the street (relative to the direction of the line feature). This attribute may not be known for not-yet-built facilities.

SurfaceType: The material of the surface of the bike facility. This attribute may not be known for not-yet-built facilities. In an Esri geodatabase this attribute is restricted to the listed values through a geodatabase domain.

1 = Unimproved, graded earth, or soil surface road

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- 2 = Gravel or stone road
- 3 = Brick road
- 4 = Block road
- 5 = Surface-treated road
- 6 = Bituminous concrete road
- 7 = Portland cement concrete road
- 8 = Composite road; flexible over rigid
- 9 = Composite road; rigid over flexible or rigid over rigid ("white topping")
- 10 = Stone dust
- NULL = Unknown

CurrentOwner: The entity holding legal title to the bicycle facility. Null if not known.

PreviousOwner: The last entity known to have held legal title to the bicycle facility prior to the current owner. Null if not known.

Steward: The entity charged with overseeing operation of the bicycle facility as far as its physical upkeep. Null if not known.

OpeningDate: The date on which the facility officially opened for use; for facilities not yet constructed, the projected date when the facility will be open for use. Null if not known.

DateLastProjectActivity: The date of the last significant milestone action that moved the facility forward on the project development path. This attribute is principally applicable to facilities whose status identifies them as under construction, in design, or being studied for feasibility. Because facilities can be delayed or halted at any point of development, the date of the last significant activity can be a valuable indicator of their progress and future prospects. Null if not known or not applicable.

ProjectNum: The number assigned by MassDOT to those facilities that have entered the state's project development process. Applicable to facilities in study, design, or construction phases for which at least some funding is disbursed by the Commonwealth of Massachusetts. Null if not known or not applicable.

DataSource: Authority or document that principally provided the information for the facility.

Websites: Useful websites for learning more about the facility. Websites are delimited by commas.

BikeVolumeWeekdays: A measurement of the number of bicyclists using the facility on a weekday. Value is Null if no measurement is known.

BikeVolumeWeekends: A measurement of the number of bicyclists using the facility on a Saturday or Sunday. Value is Null if no measurement is known.

BikeVolumeYearWeekdays: The year of the BikeVolumeWeekdays measurement. Value is Null if no measurement is known.

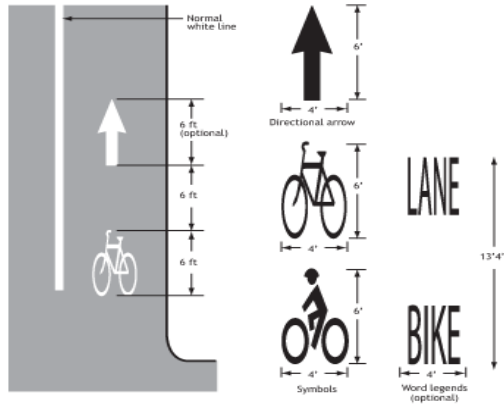
BikeVolumeYearWeekends: The year of the BikeVolumeWeekends measurement. Value is Null if no measurement is known.

PlanMapID: The label used for the facility in the 2008 Plan. Value is Null if facility does not appear in the 2008 Plan maps.

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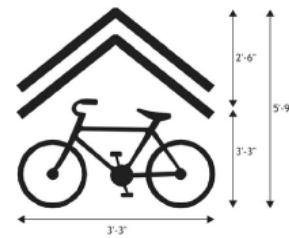
APPENDIX C ILLUSTRATION OF BIKE ACCOMODATIONS FROM MASSACHUSETTS HIGHWAY PROJECT DEVELOPMENT AND DESIGN GUIDE

**Exhibit 5-9
Bicycle Lane Pavement Markings**



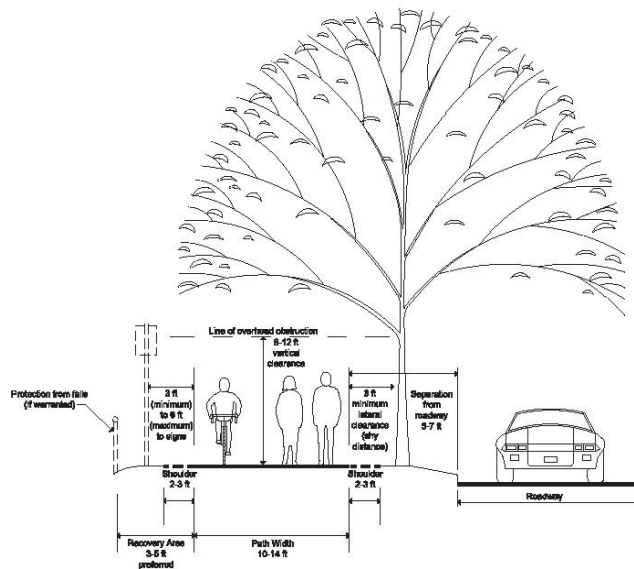
Source: Guide for the Development of Bicycle Facilities, AASHTO, 1999, Chapter 2 Design Manual on Uniform Traffic Control Devices, FHWA, 2003, Chapter 3 Pavement Markings

**Exhibit 5-10
Shared Street Pavement Markings**



Source: San Francisco Bicycle Guide

**Exhibit 11-2
Shared Use Path Dimensions**



Source: Adapted from the VTrans Pedestrian and Bicycle Facility Planning and Design Manual

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APPENDIX D

2008 BAY STATE GREENWAY CORRIDORS MAP AND FUTURE BSG SIGNAGE

