Appendix A Boston Region Commuting Patterns & Vehicle Ownership 2000 Census Data

Municipality	Population	Walk (%)	Drive (%)	Other (%)*	No Vehicles (%) by Housing Unit
Acton	20,331	1.2	88.2	10.5	3.1
Arlington	42,389	1.8	74.5	23.7	10.2
Ashland	14,674	0.3	90.3	9.3	2.8
Bedford	12,595	1.4	90.5	8.1	4.7
Bellingham	15,314	1.0	93.7	5.3	2.5
Belmont	24,194	1.5	79.7	18.8	6.6
Beverly	39,862	3.7	84.9	11.3	9.2
Bolton	4,148	0.9	88.9	10.1	1.8
Boston	589,141	13.0	50.7	36.2	34.9
Boxborough	4,868	1.1	90.6	8.3	1.4
Braintree	33,828	1.4	87.2	11.4	8.4
Brookline	57,107	9.6	52.5	38.0	20.4
Burlington	22,876	1.0	92.5	6.5	4.3
Cambridge	101,355	24.4	40.4	35.2	27.7
Canton	20,775	1.0	83.0	16.0	6.7
Carlisle	4,717	1.7	81.4	17.0	2.8
Chelsea	35,080	6.6	65.4	28.1	32.2
Cohasset	7,261	2.4	79.6	18.0	3.5
Concord	16,993	2.8	82.0	15.2	2.5
Danvers	25,212	1.3	93.0	5.7	5.3
Dedham	23,464	2.4	85.1	12.5	6.1
Dover	5,558	1.3	82.6	16.0	0.5
Duxbury	14,248	0.6	85.7	13.7	4.0
Essex	3,267	3.2	85.5	11.3	3.9
Everett	38,037	4.7	73.5	21.8	21.7
Foxborough	16,246	0.7	89.7	9.6	5.1
Framingham	66,910	2.5	88.6	8.9	7.8
Franklin	29,560	1.4	87.1	11.6	5.1
Gloucester	30,273	5.0	86.2	8.8	11.7
Hamilton	8,315	1.1	87.2	11.7	2.9
Hanover	13,164	0.4	92.5	7.1	4.9
Hingham	19,882	1.0	80.3	18.7	2.9
Holbrook	10,785	2.0	89.3	8.7	5.3
Holliston	13,801	0.6	90.7	8.7	3.0
Hopkinton	13,346	1.3	90.5	8.2	2.3
Hudson	18,113	1.6	94.1	4.3	7.7
Hull	11,050	2.6	84.4	13.0	6.0
Ipswich	12,987	1.7	88.6	9.7	7.0
Lexington	30,355	1.7	84.6	13.7	5.1
Lincoln	8,056	3.8	84.1	12.1	2.5
Littleton	2,816	1.1	90.0	8.9	4.0
Lynn	89,050	4.6	83.5	11.9	20.6
Lynnfield	11,542	1.4	87.7	10.9	3.7
Malden	56,340	3.6	70.2	26.3	17.3
Manchester	5,228	4.6	82.3	13.1	3.6
Marblehead	20,377	3.7	82.8	13.5	4.6
Marlborough	36,255	2.2	92.6	5.2	7.6
Marshfield	24,324	0.7	93.1	6.2	3.6
Maynard	10,433	2.3	91.1	6.5	5.6
Medfield	12,273	1.4	85.4	13.3	3.3
Medford	55,765	4.5	74.7	20.8	13.3
Medway	12,448	1.0	89.7	9.4	4.3
Melrose	27,134	3.3	78.6	18.1	10.9
Middleton	7,744	0.0	94.4	5.6	3.4
Milford	26,799	1.6	95.2	3.3	7.8
Millis	7,902	1.0	90.7	8.4	4.1
Milton	26,062	3.8	80.2	16.0	6.4
Nahant	3,632	0.6	86.6	12.8	4.4
Natick	32,170	1.7	85.7	12.7	5.4
Needham	28,911	2.4	78.4	19.2	6.0
Newton	83,829	4.8	75.3	19.9	6.7
Norfolk	10,460	1.8	86.5	11.7	3.4
North Reading	13,837	1.1	91.2	7.8	4.0
Norwell	9,765	1.5	85.6	12.9	2.7
Norwood	28,587	2.1	84.3	13.6	7.9
Peabody	48,129	1.3	94.0	4.7	8.0
Pembroke	16,927	0.6	91.0	8.4	3.2
Quincy	88,025	3.2	73.5	23.3	15.5
Randolph	30,963	1.8	85.3	12.9	8.3
Reading	23,708	1.5	89.0	9.5	5.5
Revere	47,283	2.4	74.6	23.0	21.1
Rockland	17,670	1.4	93.1	5.5	6.0
Rockport	7,767	5.4	81.5	13.1	9.6
Salem	40,407	5.9	81.8	12.3	13.2
Saugus	26,078	1.3	88.4	10.3	6.7
Scituate	17,863	1.4	85.6	13.0	4.5
Sharon	6,024	1.3	79.7	19.0	3.4
Sherborn	4,200	0.3	87.0	12.7	1.5
Somerville	77,478	9.4	55.6	35.0	22.7
Southborough	8,781	1.3	93.0	5.6	2.4
Stoneham	22,219	1.1	87.6	11.2	6.8
Stoughton	27,149	1.6	86.5	11.9	5.6
Stow	5,902	1.2	88.8	10.1	2.8
Sudbury	16,841	1.7	88.6	9.7	2.2
Swampscott	14,412	1.9	81.0	17.0	7.0
Topsfield	6,141	1.0	88.6	10.4	2.5
Wakefield	24,804	2.0	85.2	12.8	6.5
Walpole	22,824	0.5	89.3	10.2	4.8
Waltham	59,226	6.7	81.4	11.9	10.5
Watertown	32,986	4.9	74.5	20.7	10
Wayland	13,100	0.6	87.7	11.7	2.5
Wellesley	26,613	11.8	69.9	18.3	3.7
Wenham	4,440	7.2	80.4	12.4	4.9
Weston	11,469	4.5	79.3	16.2	3.3
Westwood	14,117	1.3	83.5	15.2	6.2
Weymouth	53,988	1.7	87.5	10.7	7.3
Wilmington	21,363	0.5	93.3	6.3	3.2
Winchester	20,810	2.0	80.6	17.4	4.9
Winthrop	18,303	2.4	72.5	25.1	13.1
Woburn	37,258	1.7	91.6	6.7	7.2
Wrentham	10,554	1.0	89.8	9.2	4.0
MAPC Region	**3,049,642**	**5.7**	**74.7**	**19.6**	**10.9**

Municipalities with five highest percentages.
Municipalities with five lowest percentages.

* Public transit, bicycling, working from home define 'other modes.'
Source: U.S. Census Bureau, Journey to Work, 2000.

Appendix B Sidewalk Coverage by Municipality (2007)

	Percent of Roadway with Sidewalks	
	Main Roads	Local Roads
ACTON	13%	33%
ARLINGTON	66%	77%
ASHLAND	38%	27%
BEDFORD	43%	21%
BELLINGHAM	28%	40%
BELMONT	72%	56%
BEVERLY	64%	76%
BOLTON	3%	4%
BOSTON	90%	77%
BOXBOROUGH	15%	0%
BRAINTREE	57%	48%
BROOKLINE	90%	92%
BURLINGTON	18%	28%
CAMBRIDGE	89%	82%
CANTON	31%	45%
CARLISLE	6%	0%
CHELSEA	89%	76%
COHASSET	16%	32%
CONCORD	27%	44%
DANVERS	67%	44%
DEDHAM	59%	62%
DOVER	1%	6%
DUXBURY	1%	6%
ESSEX	7%	48%
EVERETT	89%	76%
FOXBOROUGH	37%	32%
FRAMINGHAM	43%	69%
FRANKLIN	60%	30%
GLOUCESTER	21%	52%
HAMILTON	21%	22%
HANOVER	13%	3%
HINGHAM	27%	59%
HOLBROOK	42%	70%
HOLLISTON	41%	32%
HOPKINTON	43%	8%
HUDSON	48%	39%
HULL	33%	81%
IPSWICH	14%	20%
LEXINGTON	31%	52%
LINCOLN	1%	8%
LITTLETON	11%	28%
LYNN	75%	99%
LYNNFIELD	74%	66%
MALDEN	80%	92%
MANCHESTER	27%	50%
MARBLEHEAD	49%	82%
MARLBOROUGH	51%	41%
MARSHFIELD	24%	43%
MAYNARD	29%	66%
MEDFIELD	49%	12%
MEDFORD	84%	55%
MEDWAY	33%	36%
MELROSE	69%	85%
MIDDLETON	32%	16%
MILFORD	48%	40%
MILLIS	22%	48%
MILTON	64%	60%
NAHANT	47%	72%
NATICK	57%	66%
NEEDHAM	77%	72%
NEWTON	83%	77%
NORFOLK	29%	14%
NORTH READING	46%	28%
NORWELL	6%	20%
NORWOOD	77%	39%
PEABODY	74%	48%
PEMBROKE	28%	16%
QUINCY	79%	82%
RANDOLPH	60%	80%
READING	49%	43%
REVERE	68%	78%
ROCKLAND	67%	84%
ROCKPORT	17%	49%
SALEM	77%	77%
SAUGUS	32%	64%
SCITUATE	19%	43%
SHARON	47%	32%
SHERBORN	17%	34%
SOMERVILLE	93%	78%
SOUTHBOROUGH	25%	25%
STONEHAM	57%	60%
STOUGHTON	31%	49%
STOW	15%	0%
SUDBURY	3%	6%
SWAMPSCOTT	73%	99%
TOPSFIELD	23%	21%
WAKEFIELD	65%	56%
WALPOLE	73%	50%
WALTHAM	35%	63%
WATERTOWN	90%	90%
WAYLAND	5%	26%
WELLESLEY	47%	66%
WENHAM	25%	22%
WESTON	12%	43%
WESTWOOD	36%	29%
WEYMOUTH	48%	80%
WILMINGTON	25%	25%
WINCHESTER	49%	75%
WINTHROP	86%	99%
WOBURN	47%	59%
WRENTHAM	27%	19%
MAPC Average	**56%**	**52%**

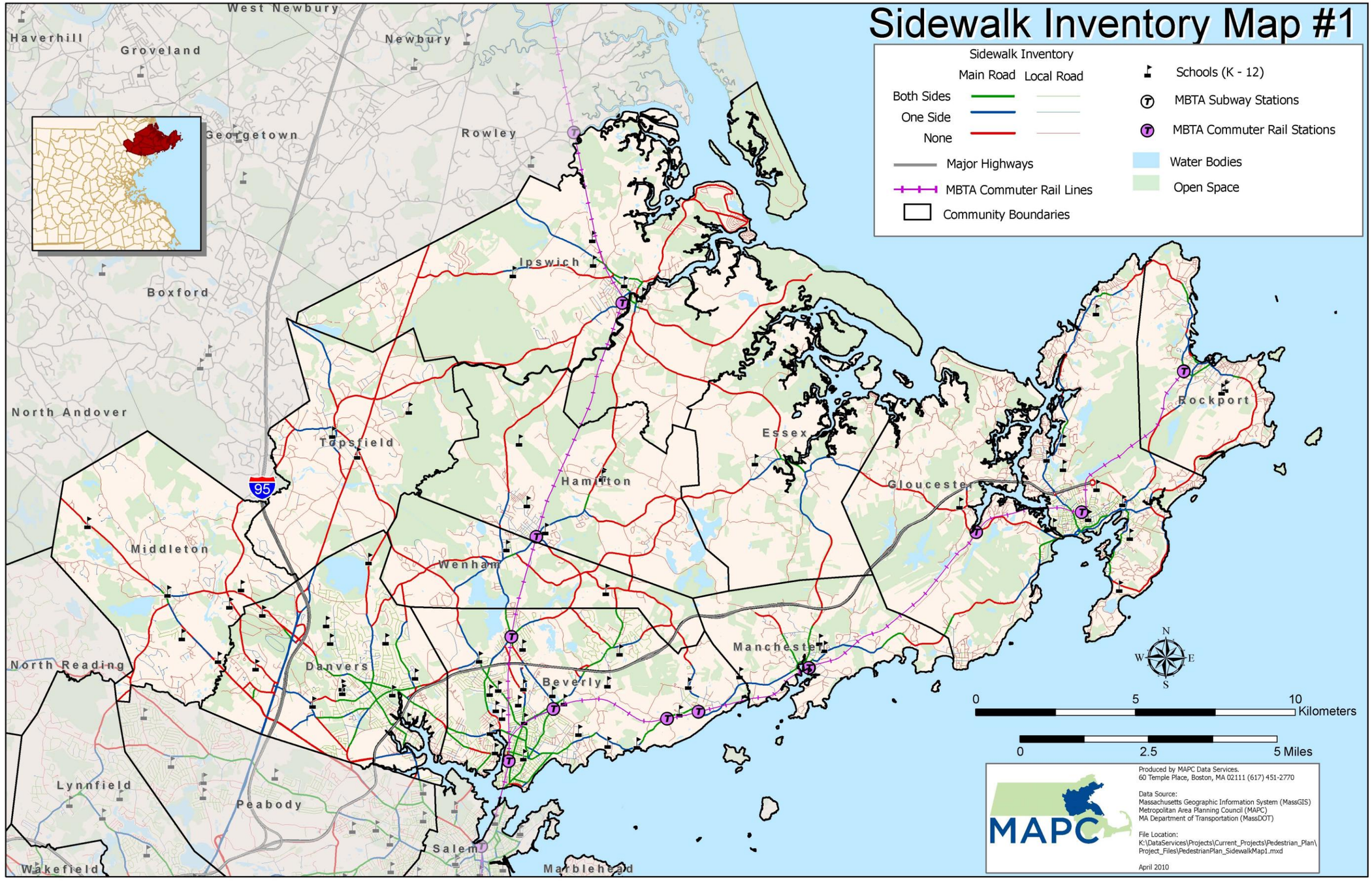
0% - 25%
26% - 50%
51% - 75%
76% - 100%

"With Sidewalks" is defined as a street having a sidewalk on one or both sides.
"Main Roads" carry through traffic and generally have limited access points.
"Local Roads" have more frequent access points and serve adjacent residential and business land uses. "Local Roads" distribute traffic between neighborhoods and "Main Roads."
Source: The sidewalk inventory is based on the MassDOT Road Inventory. Data collected through December, 2007 was distributed by MassGIS.

Appendix B Sidewalk Coverage by Municipality

Source: The sidewalk inventory is based on the MassDOT Road Inventory. Data collected through December, 2007 was distributed by MassGIS.

Does not include paths or other off-road paths.


Sidewalk Inventory Map #1
Sidewalk Inventory
Main Road
Local Road
Both Sides
One Side
None
Major Highways
MBTA Commuter Rail Lines
Community Boundaries
Schools (K - 12)
MBTA Subway Stations
MBTA Commuter Rail Stations
Water Bodies
Open Space
West Newbury
Haverhill
Groveland
Newbury
Georgetown
Rowley
Ipswich
Boxford
North Andover
Topsfield
Essex
Rockport
Hamilton
Gloucester
Middleton
Wenham
Manchester
North Reading
Danvers
Beverly
Lynnfield
Peabody
Salem
Wakefield
Marblehead
95
N
W
E
S
0
5
10
Kilometers
0
2.5
5 Miles
MAPC
Produced by MAPC Data Services.
60 Temple Place, Boston, MA 02111 (617) 451-2770
Data Source:
Massachusetts Geographic Information System (MassGIS)
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MA Department of Transportation (MassDOT)
File Location:
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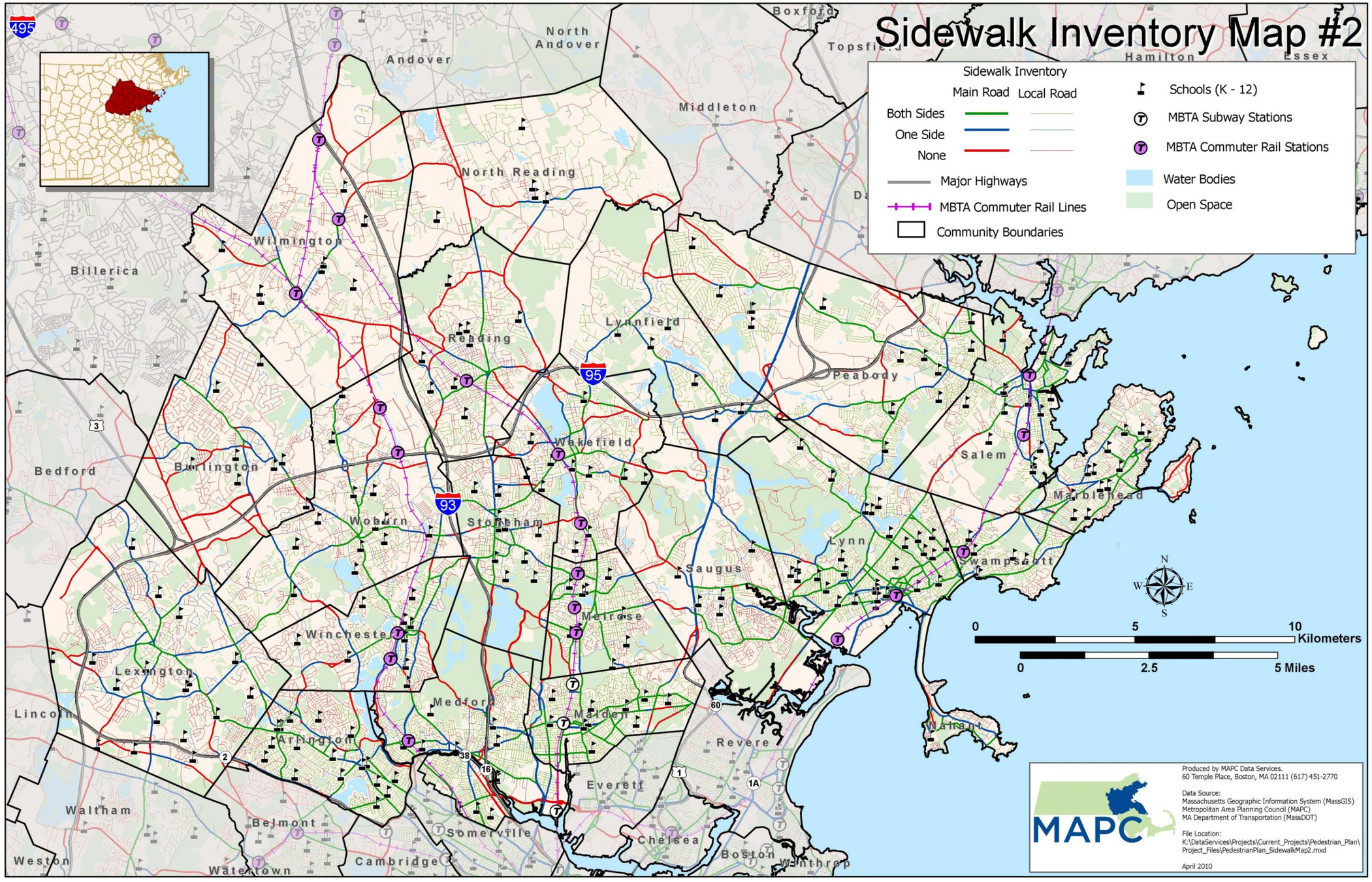
Sidewalk Inventory Map #2
Sidewalk Inventory
Main Road
Local Road
Both Sides
One Side
None
Major Highways
MBTA Commuter Rail Lines
Community Boundaries
Schools (K - 12)
MBTA Subway Stations
MBTA Commuter Rail Stations
Water Bodies
Open Space
North Andover
Andover
Boxford
Topsfield
Hamilton
Essex
Middleton
North Reading
Wilmington
Billerica
Reading
Lynnfield
Peabody
Wakefield
Salem
Marblehead
Bedford
Burlington
Woburn
Stoneham
Lynn
Swampscott
Saugus
Melrose
Winchester
Lexington
Lincoln
Medford
Malden
Arlington
Revere
Everett
Waltham
Belmont
Somerville
Chelsea
Boston
Winthrop
Watertown
Cambridge
Weston
Nahant
0
5
10
Kilometers
0
2.5
5 Miles
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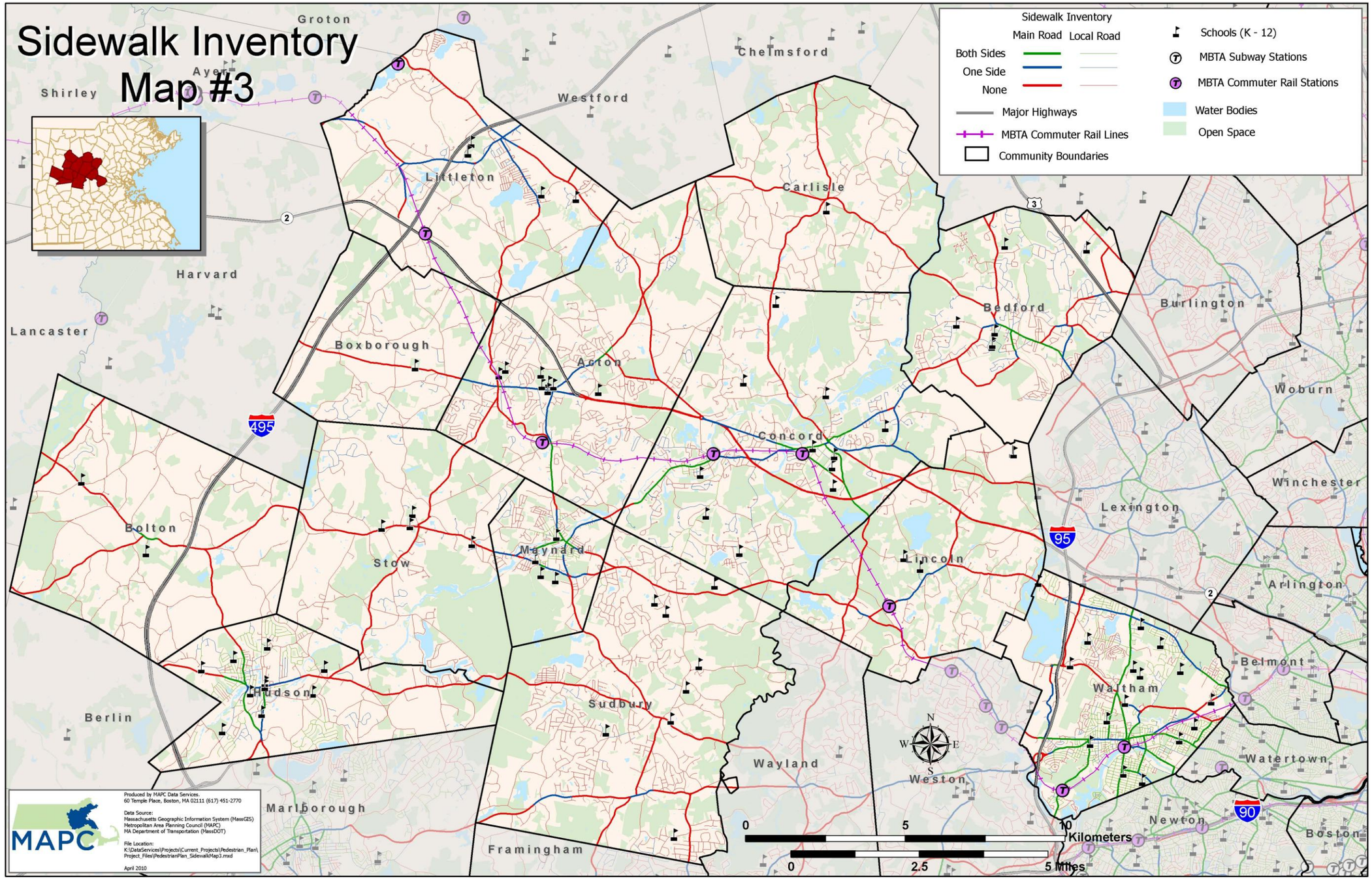
Sidewalk Inventory
Map #3
Sidewalk Inventory
Main Road
Local Road
Both Sides
One Side
None
Major Highways
MBTA Commuter Rail Lines
Community Boundaries
Schools (K - 12)
MBTA Subway Stations
MBTA Commuter Rail Stations
Water Bodies
Open Space
Groton
Shirley
Ayer
Harvard
Lancaster
Boxborough
Littleton
Westford
Chelmsford
Carlisle
Bedford
Burlington
Woburn
Winchester
Lexington
Arlington
Belmont
Waltham
Watertown
Newton
Boston
Concord
Acton
Maynard
Stow
Bolton
Hudson
Berlin
Sudbury
Wayland
Weston
Lincoln
Framingham
Marlborough
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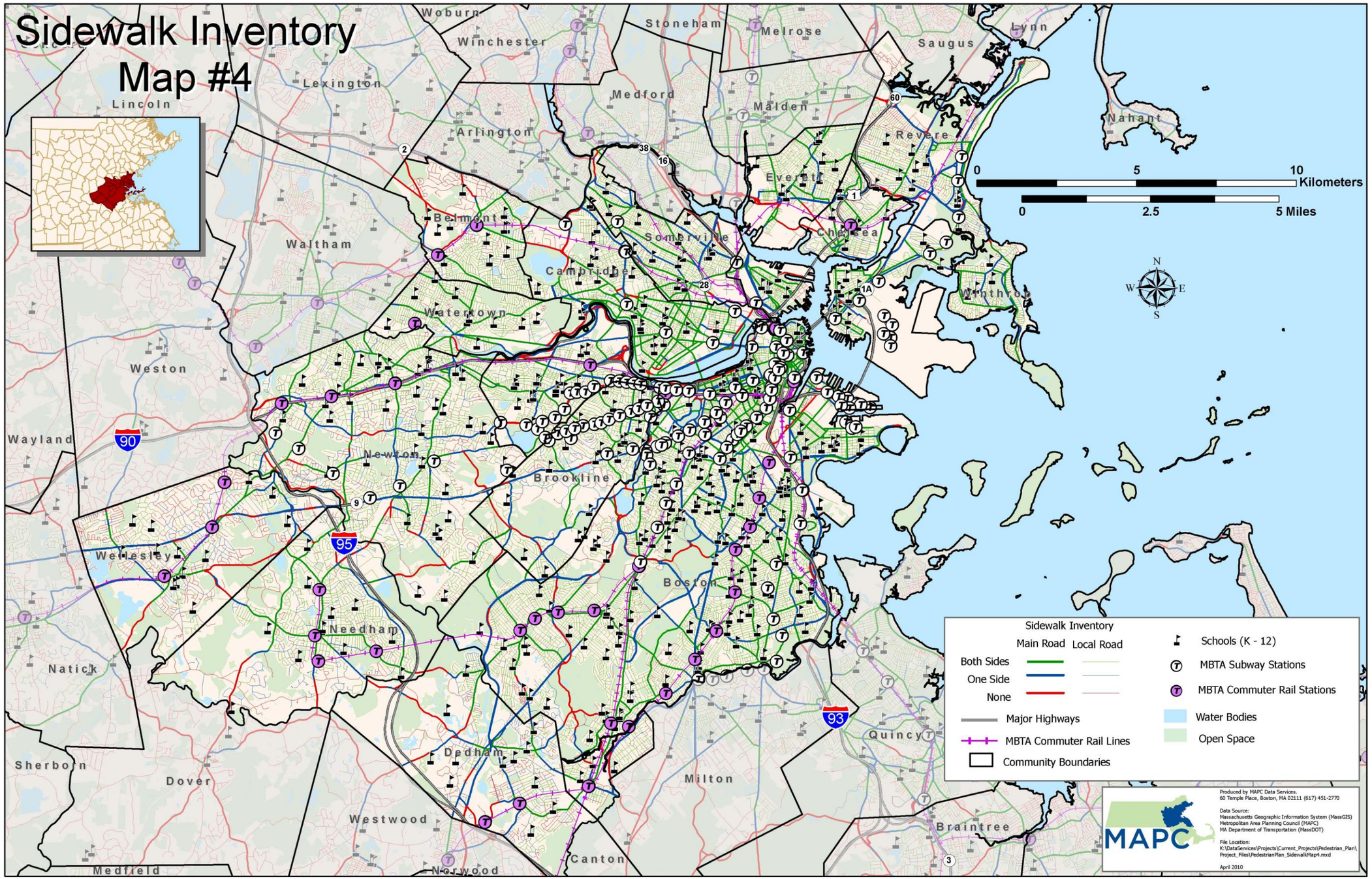
0
5
10
Kilometers
0
2.5
5 Miles


Sidewalk Inventory
Map #4
Woburn
Winchester
Stoneham
Melrose
Saugus
Lynn
Lexington
Lincoln
Medford
Malden
Nahant
Arlington
Revere
Everett
Belmont
Somerville
Chelsea
Waltham
Cambridge
Winthrop
Watertown
Weston
Wayland
Newton
Brookline
Wellesley
Boston
Needham
Natick
Dedham
Quincy
Sherborn
Dover
Milton
Westwood
Braintree
Canton
Medfield
Norwood
0 5 10 Kilometers
0 2.5 5 Miles
N
W E
S
Sidewalk Inventory
Main Road Local Road
Both Sides
One Side
None
Major Highways
MBTA Commuter Rail Lines
Community Boundaries
Schools (K - 12)
MBTA Subway Stations
MBTA Commuter Rail Stations
Water Bodies
Open Space
MAPC
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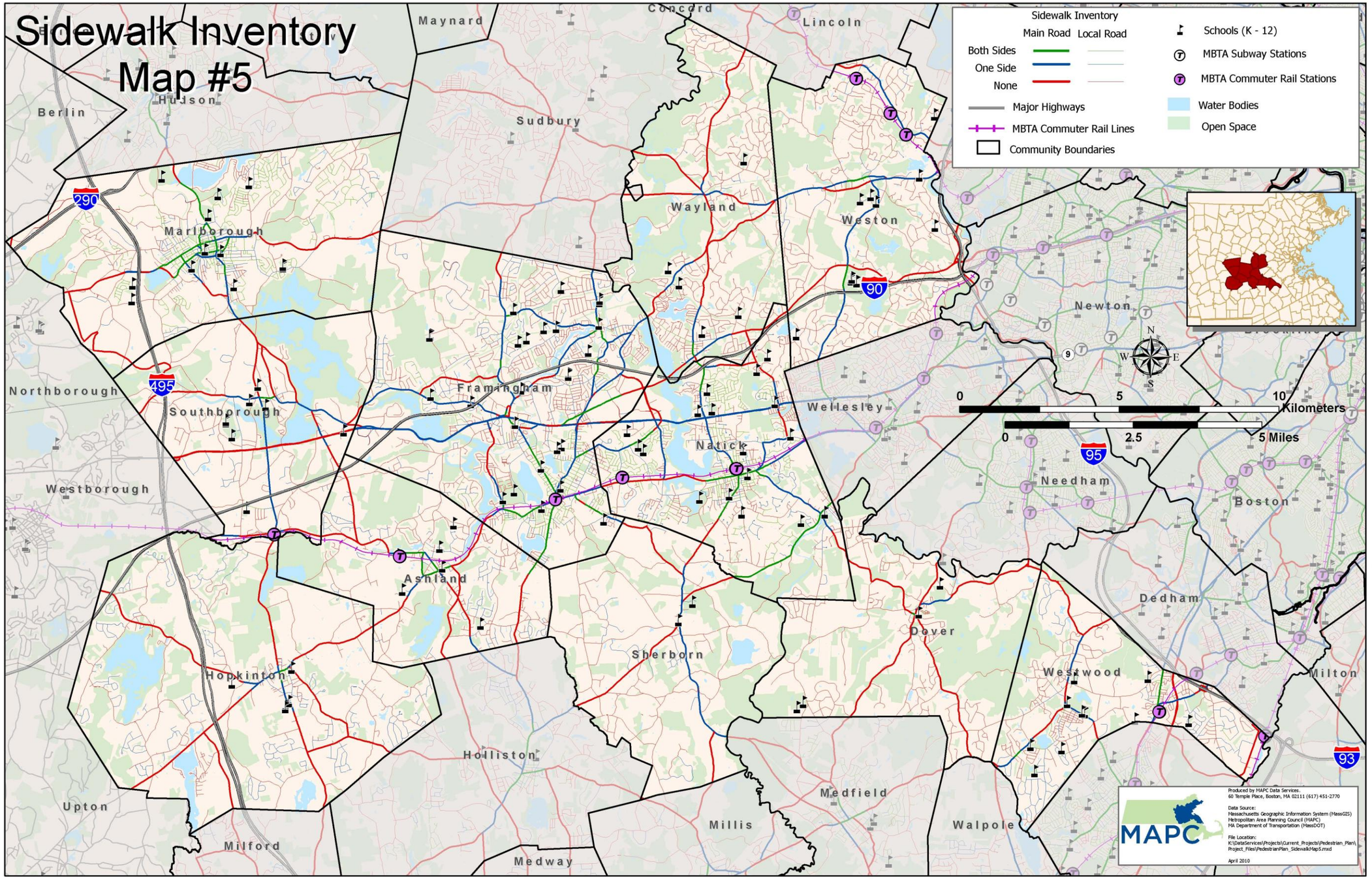
Sidewalk Inventory
Map #5
Sidewalk Inventory
Main Road Local Road
Both Sides
One Side
None
Major Highways
MBTA Commuter Rail Lines
Community Boundaries
Schools (K - 12)
MBTA Subway Stations
MBTA Commuter Rail Stations
Water Bodies
Open Space
Maynard
Concord
Lincoln
Berlin
Hudson
Sudbury
Wayland
Weston
Marlborough
Newton
Northborough
Southborough
Framingham
Wellesley
Natick
Westborough
Needham
Boston
Ashland
Dedham
Dover
Sherborn
Hopkinton
Westwood
Milton
Holliston
Upton
Medfield
Millis
Walpole
Milford
Medway
290
495
90
95
93
0 5 10 Kilometers
0 2.5 5 Miles
N
W
E
S
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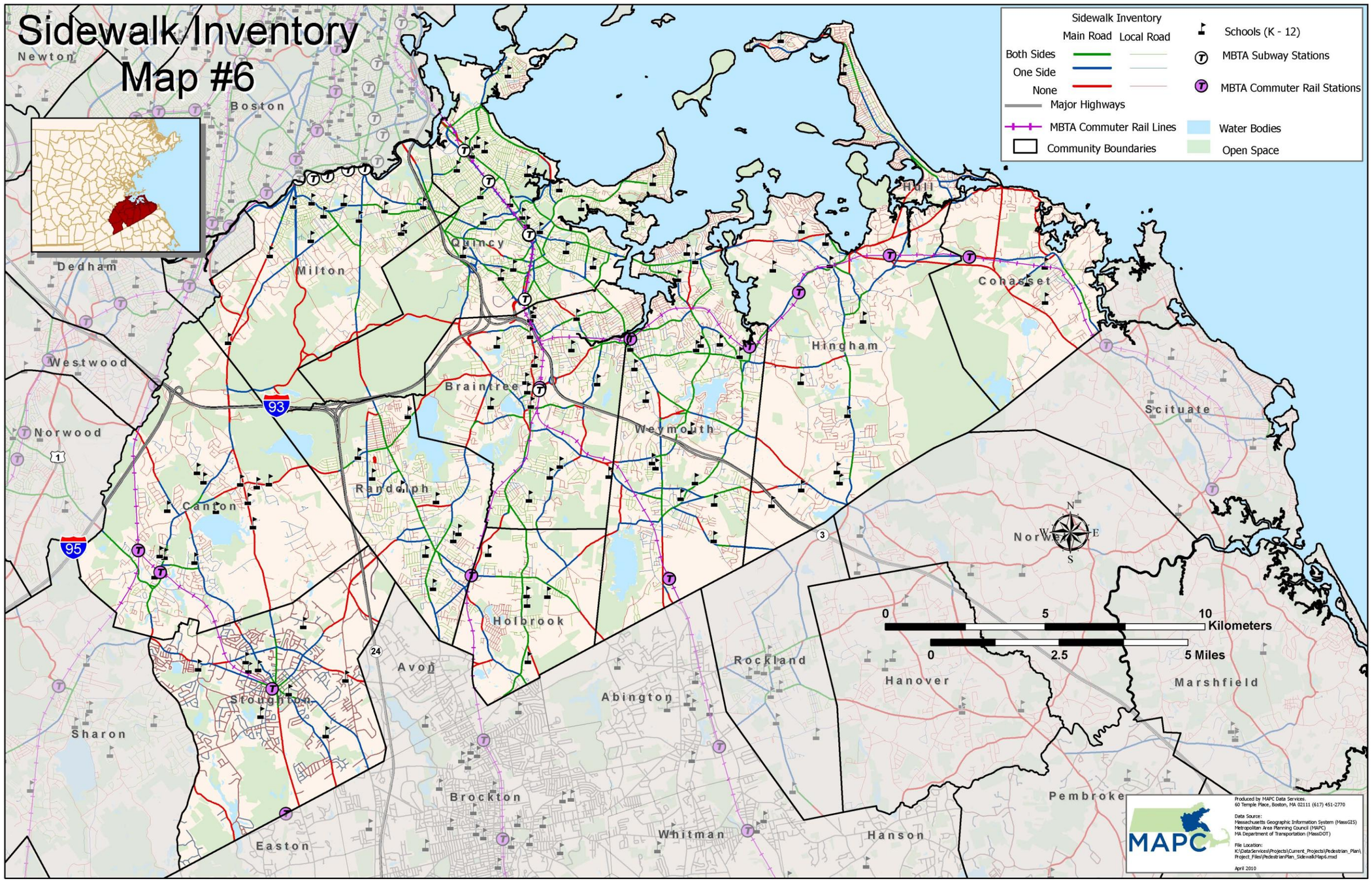
Sidewalk Inventory
Map #6
Sidewalk Inventory
Main Road
Local Road
Both Sides
One Side
None
Major Highways
MBTA Commuter Rail Lines
Community Boundaries
Schools (K - 12)
MBTA Subway Stations
MBTA Commuter Rail Stations
Water Bodies
Open Space
Newton
Boston
Dedham
Milton
Quincy
Hull
Cohasset
Hingham
Westwood
Braintree
Weymouth
Norwood
Scituate
Randolph
Canton
Holbrook
Avon
Stoughton
Sharon
Abington
Rockland
Hanover
Marshfield
Brockton
Whitman
Hanson
Pembroke
Easton
93
95
1
24
3
N
W
E
S
0
5
10
Kilometers
0
2.5
5 Miles
MAPC
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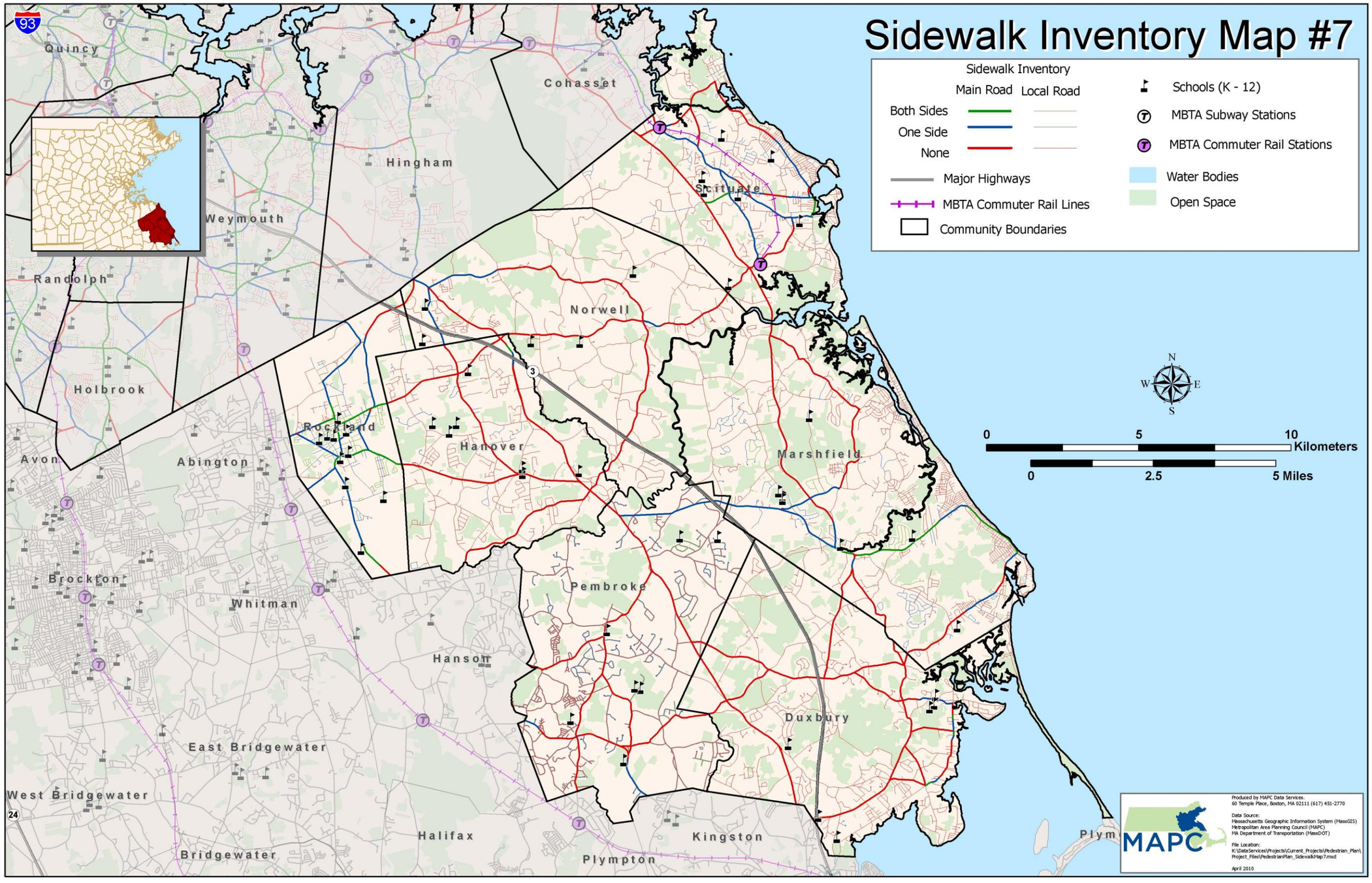
Sidewalk Inventory Map #7
Sidewalk Inventory
Main Road
Local Road
Both Sides
One Side
None
Major Highways
MBTA Commuter Rail Lines
Community Boundaries
Schools (K - 12)
MBTA Subway Stations
MBTA Commuter Rail Stations
Water Bodies
Open Space
N
W
E
S
0
5
10
Kilometers
0
2.5
5 Miles
Quincy
Cohasset
Hingham
Scituate
Weymouth
Randolph
Norwell
Holbrook
Rockland
Hanover
Marshfield
Avon
Abington
Brockton
Whitman
Pembroke
Hanson
Duxbury
East Bridgewater
West Bridgewater
Halifax
Kingston
Plympton
Bridgewater
Plym
93
3
24
MAPC
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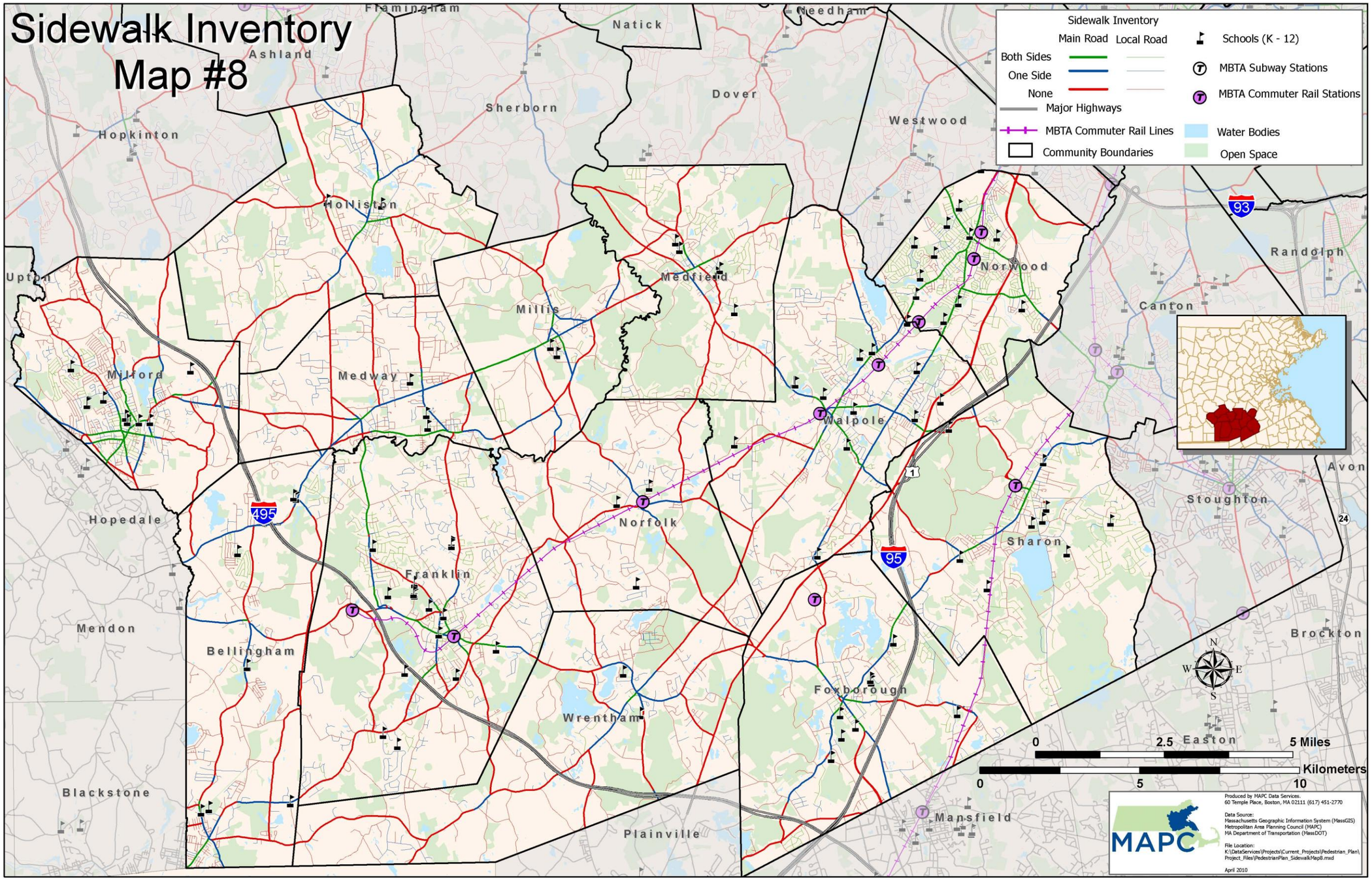
Sidewalk Inventory
Map #8
Framingham
Natick
Needham
Ashland
Sherborn
Dover
Westwood
Hopkinton
Holliston
Upton
Medfield
Millis
Norwood
Canton
Randolph
Milford
Medway
Walpole
Avon
Stoughton
Hopedale
Norfolk
Sharon
Franklin
Mendon
Bellingham
Brockton
Foxborough
Wrentham
Blackstone
Plainville
Mansfield
Easton
Sidewalk Inventory
Main Road
Local Road
Both Sides
One Side
None
Major Highways
MBTA Commuter Rail Lines
Community Boundaries
Schools (K - 12)
MBTA Subway Stations
MBTA Commuter Rail Stations
Water Bodies
Open Space
0
2.5
5 Miles
0
5
10
Kilometers
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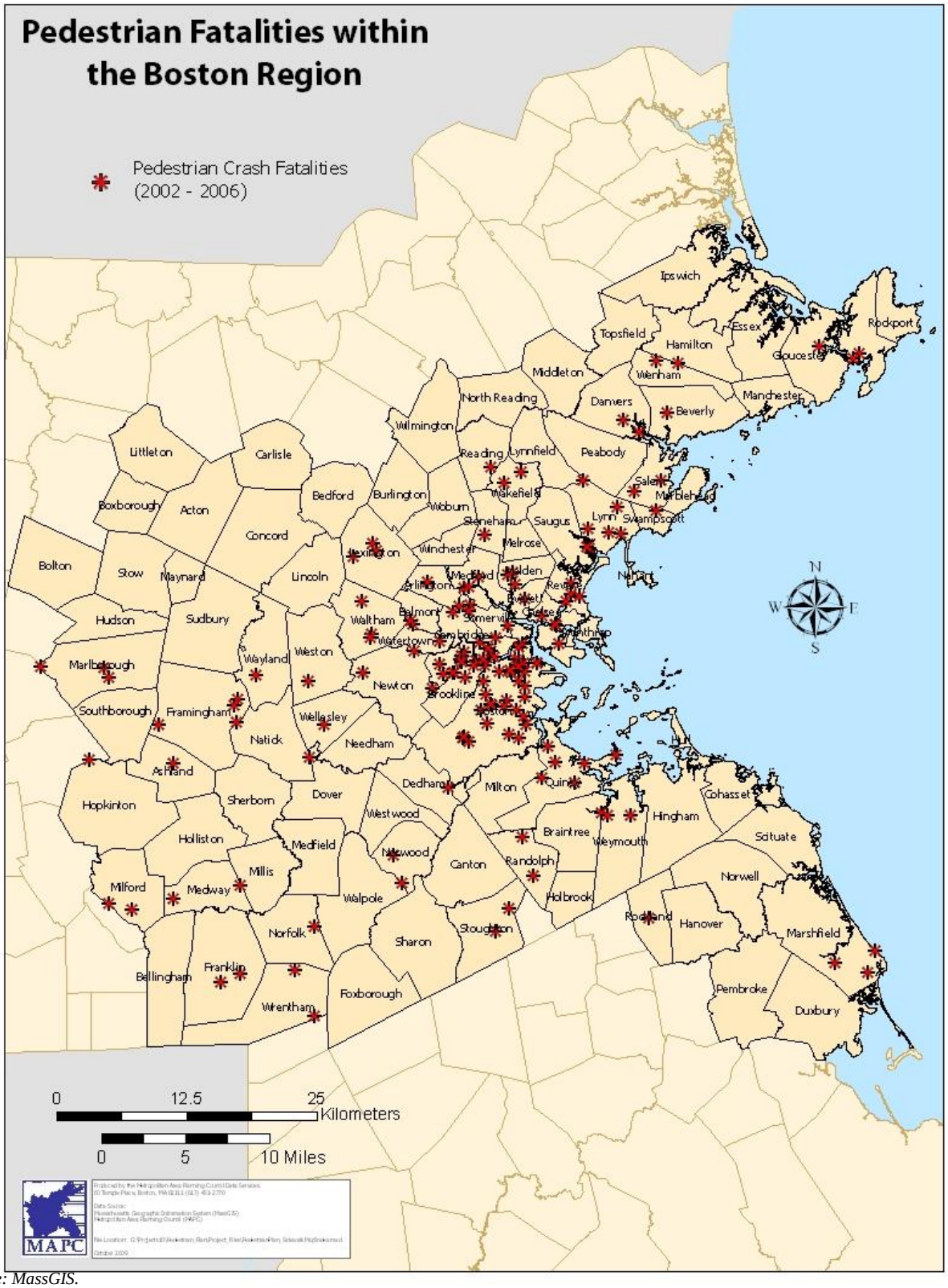
April 2010

Appendix C Pedestrian Fatalities within the Boston Region (2002-2006)



Source: MassGIS.

Appendix D Pedestrian-Related Issues to Consider when Reviewing Development Plans

Access to the Site

Is it possible to walk to the site?

Look for and consider:

- Sidewalks connecting to adjacent land uses.
- Connecting off-road paths that link cul-de-sacs or link to schools, recreational, or other attractions off-site.
- Signs and signals that make the appropriate route clear.

Is the site served by transit?

Look for and consider:

- Transit stops/stations in prominent, well-lit locations that are attractive and provide protection from weather.
- Clear and direct pedestrian access to transit.
- Is adequate space provided for bus turnarounds? (this is also worth considering for potential future bus service).

Are parking areas safe for pedestrians?

Look for and consider:

- Sidewalks and crosswalks around and through parking areas.
- Are there multiple uses that could share parking at different times of day, thereby reducing the overall need for parking?

On the Site

Do streets provide choices of travel mode?

Look for and consider:

- Walkways connecting various buildings and features within the site.
- Crosswalks to access key destinations.
- Curb ramps to allow pedestrians in wheelchairs or strollers to cross the street.

Is the site designed to facilitate travel by foot?

Look for and consider:

- Sidewalks along and between the site buildings and other activity areas .
- Sidewalks along the site frontage and connecting to sidewalks and streets on adjacent and nearby properties.
- Sidewalk width does not have permanent obstructions, such as utility poles or traffic signs.
- Connected and easy to navigate street pattern.

Does the design of the buildings facilitate access by foot?

Look for and consider:

- Buildings and entrances oriented toward the street.
- Large parking areas located to the side or to the rear of buildings.
- First floor use of non-residential buildings is pedestrian friendly.

Does the design of the site offer other safety and comfort measures for pedestrians?

Look for and consider:

- Lighting along roads, public areas and transit stops.
- Shade trees to shelter streets and sidewalks.
- Landscaping and planting strips between sidewalks and roadways.

Is the site designed or located in an area that allows pedestrian access to multiple destinations?

Look for and consider:

- Proximity and connections to various destinations such as: schools, stores, post offices, parks, restaurants, banks.

Appendix E Resources

Important Numbers

America Walks – 703-738-4889
http://www.americawalks.org

APBP - The Association of Pedestrian and Bicycle Professionals - 262-375-6180
http://www.apbp.org

CTPS – Central Transportation Planning Staff, Boston MPO Staff – 617-973-7100
http://www.bostonmpo.org/bostonmpo

Designing Streets for Pedestrians and Bicyclists - 541-914-1401
http://www.michaelronkin.com

Federal Highway Administration Bicycle and Pedestrian Program Office - 202-366-8044
http://www.fhwa.dot.gov/environment/bikeped

ITE - The Institute of Transportation Engineers -202-289-0222
http://www.ite.org

Massachusetts Department of Transportation (MassDOT) - 617-973-7000
http://www.massdot.state.ma.us/main

MAPC - Metropolitan Area Planning Council – 617-451-2770
http://www.mapc.org

The National Center for Bicycling and Walking – 973-821-5405
http://www.bikewalk.org/aboutus.php

The Pedestrian and Bicycle Information Center - 919-962-7801
http://www.walkinginfo.org

Walk Boston – 617-367-9255
http://www.walkboston.org

Walkable Communities, Inc. – 866-347-2734
http://www.walkable.org

State and Regional

Central Transportation Planning Staff, Bicycle and Pedestrian Improvements in Town Centers, May 2007.
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Commonwealth Capital Program.
http://www.mass.gov/?pageID=gov3subtopic&L=5&L0=Home&L1=Key+Priorities&L2=Job+Creation+%26+Economic+Growth&L3=Clean+Energy+%26+Smart+Growth-Smart+Energy&L4=Commonwealth+Capital&sid=Agov3

The General Laws of Massachusetts.
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Massachusetts Department of Housing and Community Development and the Cecil Group, Creating Design Standards for 40R Districts, 2008.
http://www.mass.gov/Ehed/docs/dhcd/cd/ch40r/40rdesignstandardsguidebook.pdf

Massachusetts Department of Transportation, Massachusetts Pedestrian Plan, 1998.
http://www.mhd.state.ma.us/default.asp?pgid=../common/walk/pedplan&sid=about

Massachusetts Department of Transportation, Draft Massachusetts Strategic Highway Safety Plan, 2006.

Massachusetts Department of Transportation, Procedures for Speed Zoning on State and Municipal Roadways, 2005.

Massachusetts Department of Transportation, Project Development and Design Guidebook, 2006.
http://www.mhd.state.ma.us/default.asp?pgid=content/designGuide&sid=about

Metropolitan Area Planning Council, MetroFuture.

Smart Growth/Smart Energy Toolkit.
http://www.mass.gov/envir/smart_growth_toolkit

State and Regional

Boston Region Metropolitan Planning Organization, Bicycle and Pedestrian Improvements in Six Urban Centers, February 2010.
http://ctps.org/bostonmpo/4_resources/1_reports/1_studies/4_bicycle/urban_centers.html

Central Transportation Planning Staff, Pedestrian and Bicyclist Access to Selected Transit Stations, September 2005.
http://ctps.org/bostonmpo/4_resources/1_reports/1_studies/4_bicycle/improving_access.html

Central Transportation Planning Staff, Bicycle and Pedestrian Improvements in Town Centers, May 2007.
http://www.bostonmpo.org/bostonmpo/4_resources/1_reports/1_studies/4_bicycle/ped_bic_imp.html

Central Transportation Planning Staff, Transportation Improvement Program (TIP) Process at the Boston Metropolitan Planning Organization – An Instructional Handbook for Roadway Project Proponents, 2009.
http://www.bostonmpo.org/bostonmpo/3_programs/2_tip/2009_TIP_Handbook.pdf

Commonwealth Capital Program.
http://www.mass.gov/?pageID=gov3subtopic&L=5&L0=Home&L1=Key+Priorities&L2=Job+Creation+%26+Economic+Growth&L3=Clean+Energy+%26+Smart+Growth-Smart+Energy&L4=Commonwealth+Capital&sid=Agov3

The General Laws of Massachusetts.
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Massachusetts Department of Housing and Community Development and the Cecil Group, Creating Design Standards for 40R Districts, 2008.
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Massachusetts Department of Transportation, Draft Massachusetts Strategic Highway Safety Plan, 2006.

Massachusetts Department of Transportation, Procedures for Speed Zoning on State and Municipal Roadways, 2005.

Massachusetts Department of Transportation, Project Development and Design Guidebook, 2006.
http://www.mhd.state.ma.us/default.asp?pgid=content/designGuide&sid=about

Metropolitan Area Planning Council, MetroFuture.

Smart Growth/Smart Energy Toolkit.
http://www.mass.gov/envir/smart_growth_toolkit

Municipal

City of Cambridge, Pedestrian Plan, 2000.
http://www.cambridgema.gov/~CDD/et/ped/plan/ped_plan.html

Walking in Arlington.

Wellesley Trail System.

Additional Resources

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http://www.altaplanning.com/

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Federal Highway Administration, NHTS Brief on Travel to School, 2008.
http://nhts.ornl.gov/briefs/Travel%20To%20School.pdf

Federal Highway Administration of Pedestrian and Bicycle Safety Research
http://www.tfhrc.gov/safety/pedbike/index.htm

Insurance Institute for Highway Safety
http://www.iihs.org

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National Center for Bicycling and Walking, Vermont Pedestrian and Bicycle Facility Planning and Design Manual, 2002.

The National Cooperative Highway Research Program, Report 500, Volume 10, A Guide for Reducing Collisions Involving Pedestrians, 2004.
http://safety.transportation.org/guides.aspx?cid=29

Ohio-Kentucky-Indiana Regional Council of Governments, The Southeastern Indiana Gateway: US 50 Transportation and Land Use Plan, January 2007.
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Pedestrian Safety Guide and Countermeasure Selection System.
http://www.walkinginfo.org/pedsafe/moreinfo_sidewalks.cfm

United States Census Bureau
http://www.census.gov/

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United States Department of Transportation, National Highway Traffic Safety Administration, A National Pedestrian Crash Report, 2008.

United States Department of Transportation, Federal Highway Administration, Pedestrian Facilities Users Guide- Providing Safety and Mobility, Publication No. FHWA-RD-01-102, March 2002.

University at Albany – State University of New York, Planning and Policy Models for Pedestrian and Bicycle Friendly Communities in New York State, September 2007.
http://www.albany.edu/~ihi/ModelZoningCode.pdf

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Washington State Transportation Center (TRAC), Anne Vernez Moudon, Lin Lin and Phil Hurvitz. Managing Pedestrian Safety I: Injury Severity, 2007.