

STANDARD OPERATING PROCEDURES

STREET SWEEPING

1. Preparation

- a. Prioritize cleaning routes to use at the highest frequency in areas with the highest pollutant loading.
- b. Restrict street parking prior to and during sweeping using regulations as necessary
- c. Sweeping occurs continuously throughout the year. Weather permitting sweeping occurs in winter without water.
- d. Perform preventative maintenance and services on sweepers to increase and maintain their efficiency

2. Process

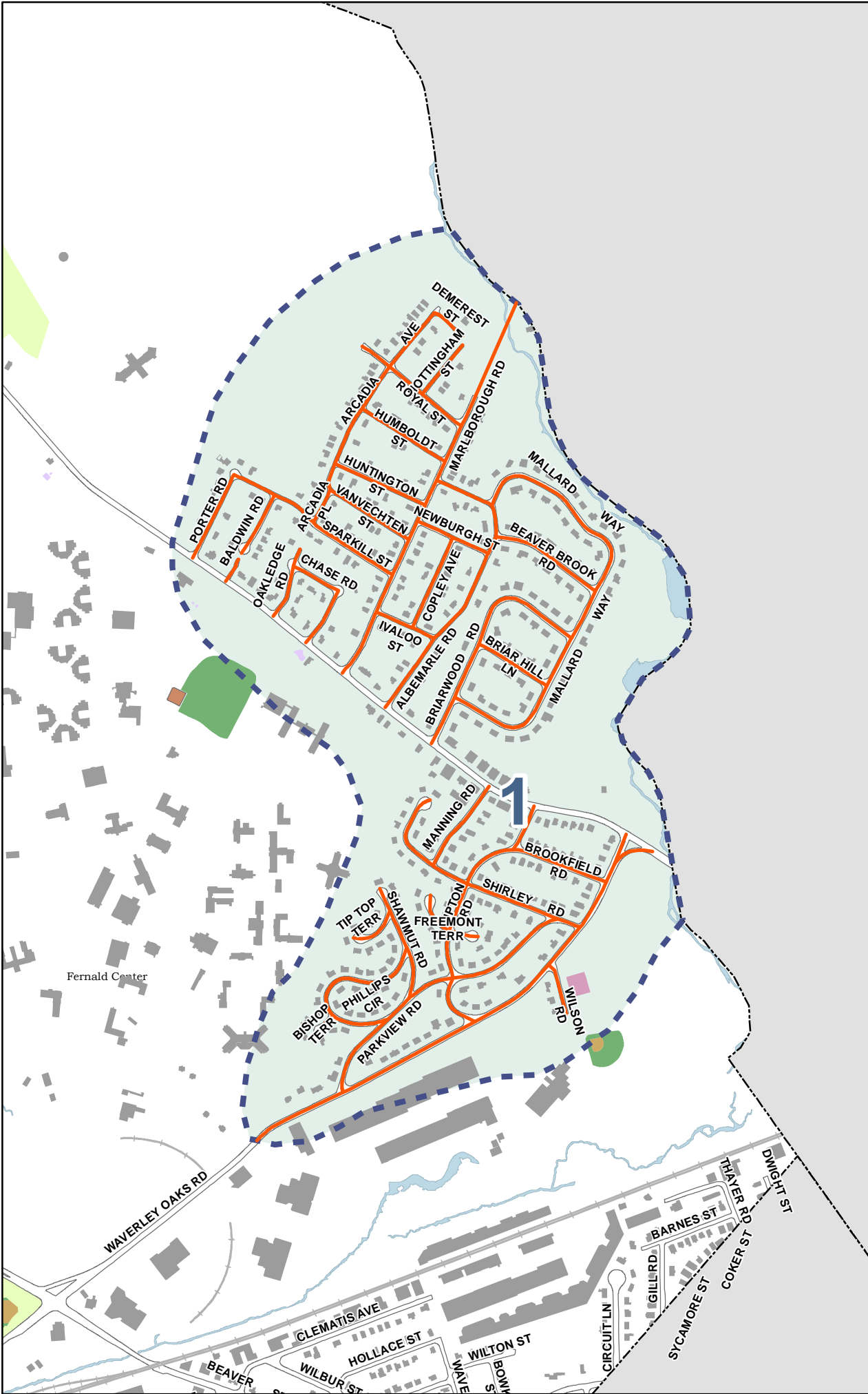
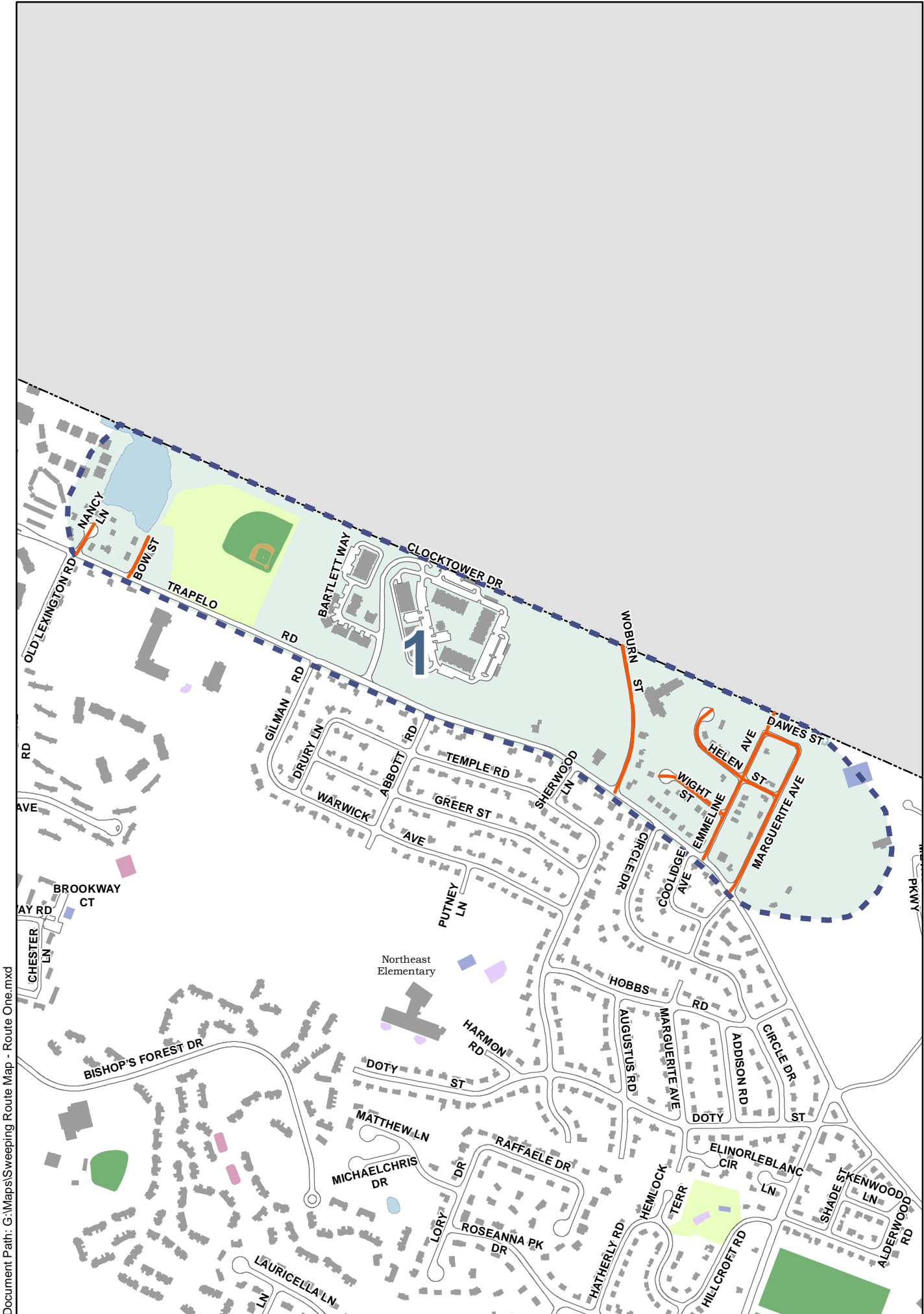
- a. Streets are to be swept as needed or specified by the city. Street maps are used to ensure all streets are swept at a specified interval (see attached)
- b. Sweeping occurs on Main and Moody Streets every Monday, Wednesday and Friday
- c. The streets are swept five (5) a year city-wide.
- d. Drive street sweeper safely and pickup debris
- e. When full, the sweeper dumps into a dump truck that brings the debris back to the City Yard.

3. Clean-up

- a. Street sweepers are to be cleaned in the washbay at City Yard.
- b. Street sweeping cleaning stations shall separate the solids from the liquids.
- c. Once solids have dried out, City contractor transports it for disposal at an approved facility.
- d. Decant water is to be collected and routed to an approved wastewater collection system area only.
- e. City contractor hauls the dumped material to an appropriate disposal facility.

4. Documentation

- a. Keep accurate logs to track streets swept and streets still requiring sweeping.
- b. Log the amount of debris collected and hauled off.



SWEEPING ROUTE MAP
ROUTE 1
CITY OF WALTHAM
MASSACHUSETTS

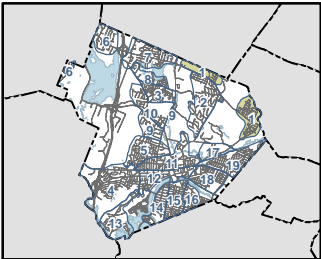
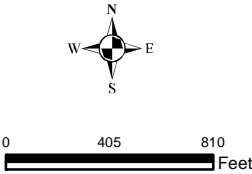


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Legend

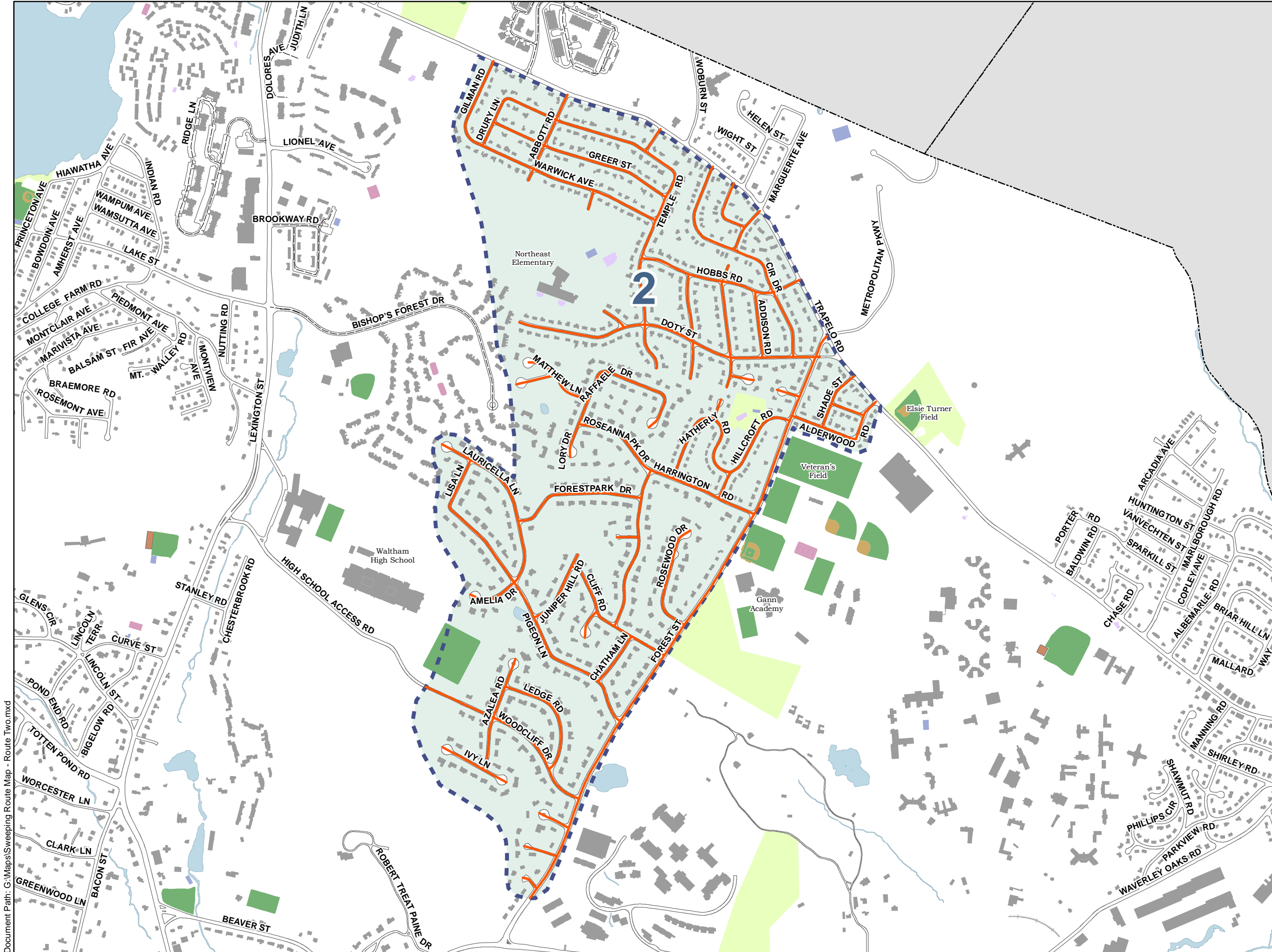
Sweeping Routes	Cemetery
Rail Lines	Park
Edge of Pavement	Unpaved Roads
Building Footprints	Sand Areas
Water	Basketball Court
Other	Athletic Field
Track/Other Surface	Playground
Spray Park	Tennis Court



Route: 1

Date: 3/28/2014

Document Path: G:\Maps\Sweeping Route Map - Route Two.mxd



SWEEPING ROUTE MAP
ROUTE 2
CITY OF WALTHAM
MASSACHUSETTS

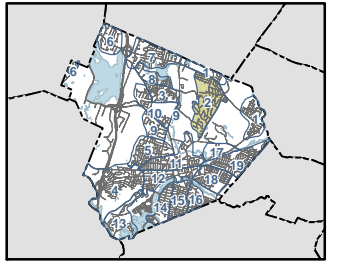
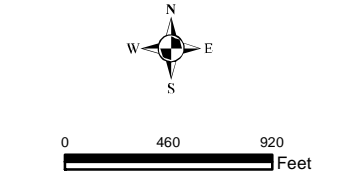


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Legend

Sweeping Routes	Cemetery
Lane Miles	Park
Not Included	Unpaved Roads
Rail Lines	Sand Areas
Edge of Pavement	
Building Footprints	
Water	
Basketball Court	
Other	
Athletic Field	
Track/Other Surface	
Playground	
Spray Park	
Tennis Court	



Route: 2

Date: 3/28/2014



**SWEEPING ROUTE MAP
ROUTE 3
CITY OF WALTHAM
MASSACHUSETTS**

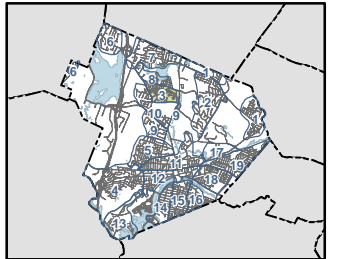
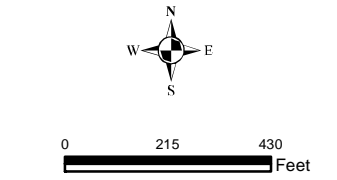


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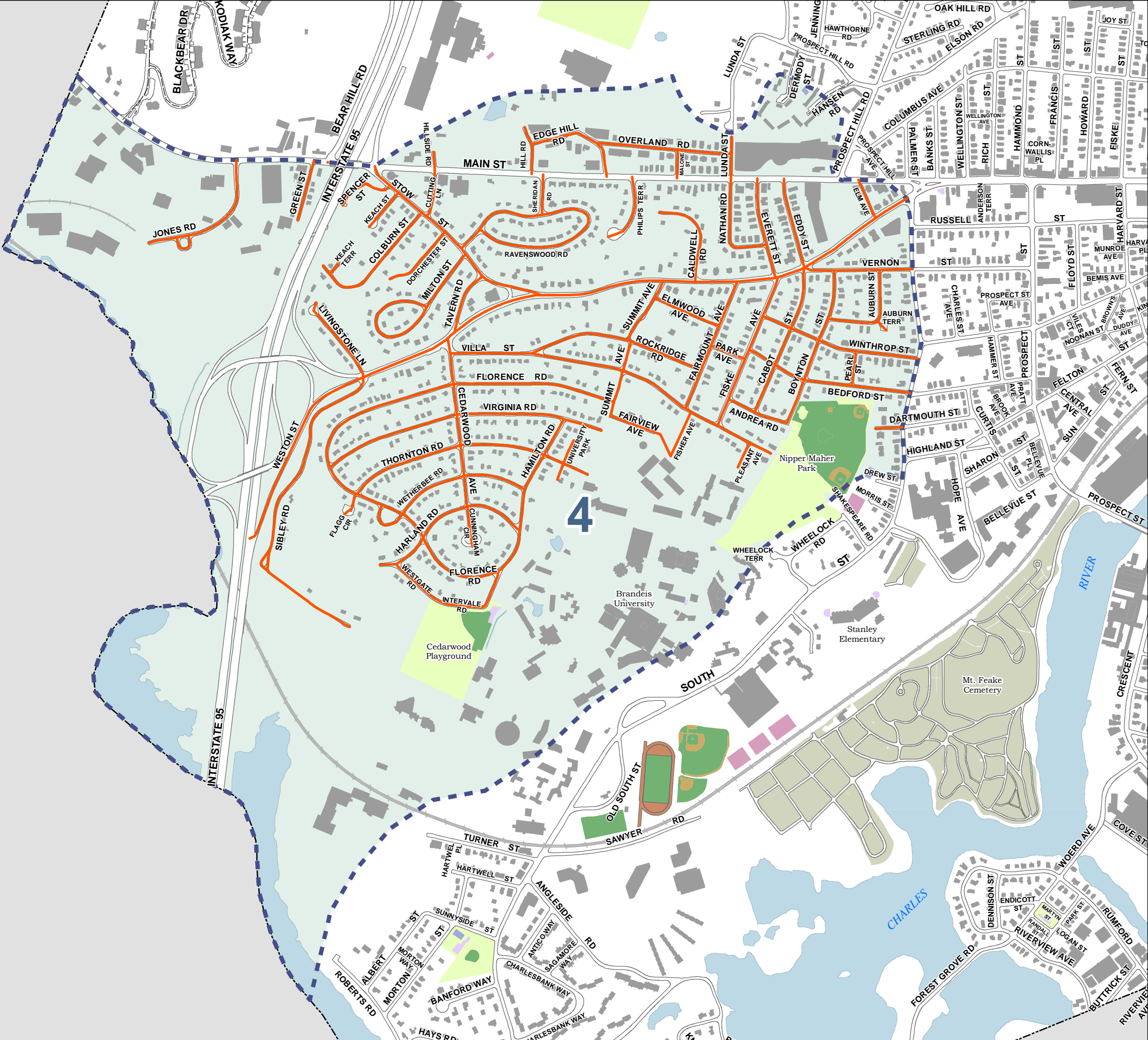
Legend

Sweeping Routes	Cemetery
Rail Lines	Park
Edge of Pavement	Unpaved Roads
Building Footprints	Sand Areas
Water	
Basketball Court	
Other	
Athletic Field	
Track/Other Surface	
Playground	
Spray Park	
Tennis Court	



Route: 3

Date: 3/28/2014



SWEEPING ROUTE MAP
ROUTE 4
CITY OF WALTHAM
MASSACHUSETTS

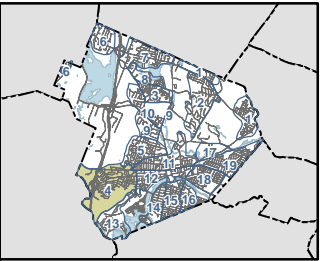
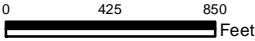


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Legend

Sweeping Routes	Cemetery
Lane Miles	Park
Not Included	Unpaved Roads
Rail Lines	Sand Areas
Edge of Pavement	
Building Footprints	
Water	
Basketball Court	
Other	
Athletic Field	
Track/Other Surface	
Playground	
Spray Park	
Tennis Court	



Route: 4

Date: 3/28/2014




Sweeping Route Map

Route 5

City of Waltham

Massachusetts



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Legend


Sweeping Routes

- Sweeping Routes

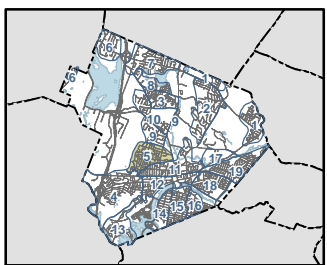
Lane Miles

- Not Included
- Rail Lines
- Edge of Pavement
- Building Footprints
- Water
- Basketball Court
- Other
- Athletic Field
- Track/Other Surface
- Playground
- Spray Park
- Tennis Court

- Cemetery
- Park
- Unpaved Roads
- Sand Areas

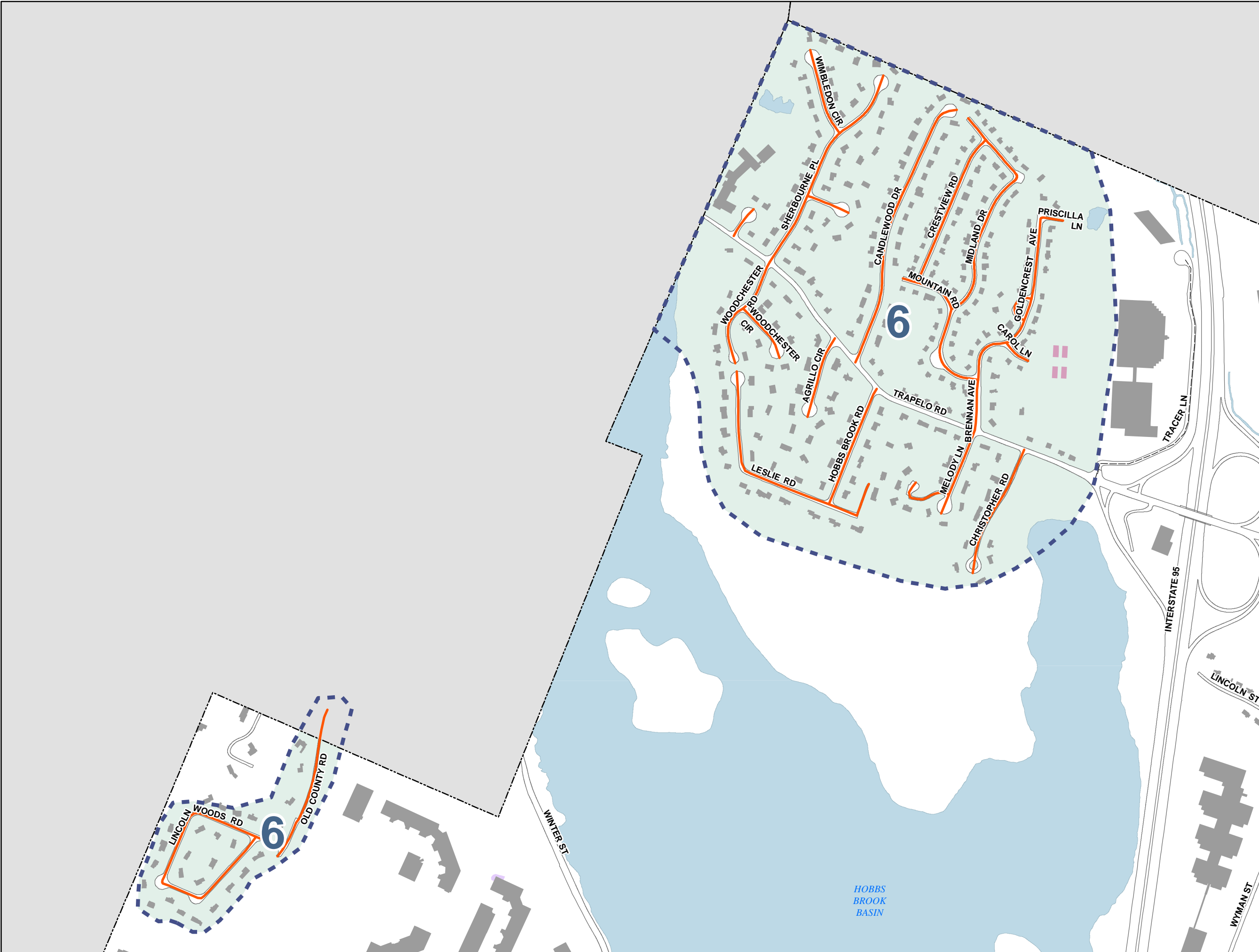


0 270 540 Feet



Route: 5

Date: 3/28/2014




Sweeping Route Map

ROUTE 6

CITY OF WALTHAM

MASSACHUSETTS



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Legend

Sweeping Routes

Lane Miles

Not Included

Rail Lines

Edge of Pavement

Building Footprints

Water

Basketball Court

Other

Athletic Field

Track/Other Surface

Playground

Spray Park

Tennis Court

Cemetery

Park

Unpaved Roads

Sand Areas

N

W

E

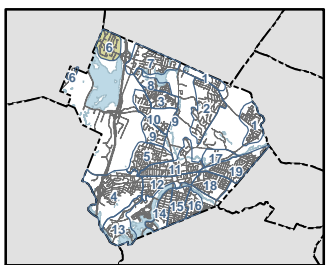
S

0

325

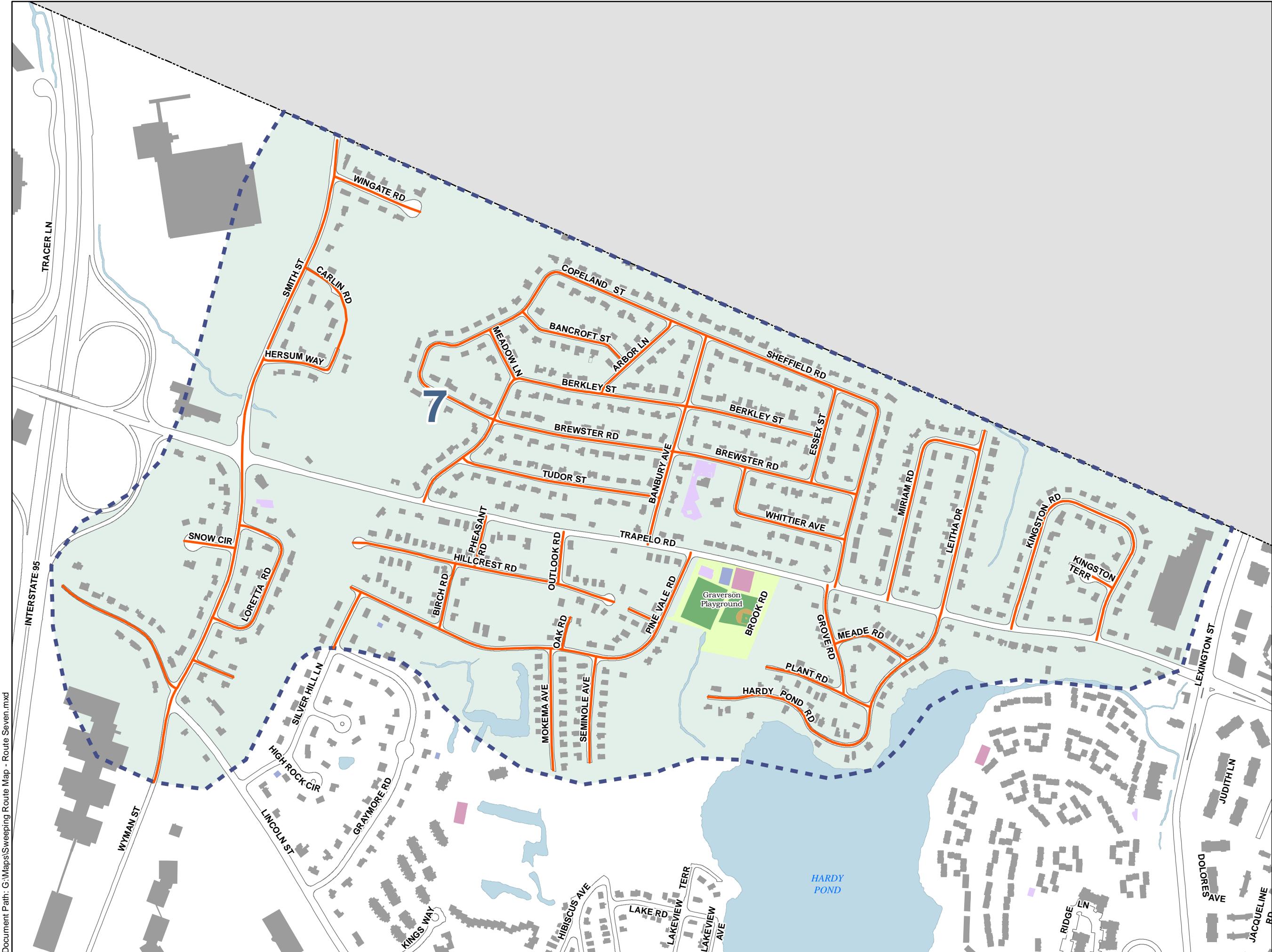
650

Feet



Route: 6

Date: 3/28/2014



SWEEPING ROUTE MAP
ROUTE 7
CITY OF WALTHAM
MASSACHUSETTS

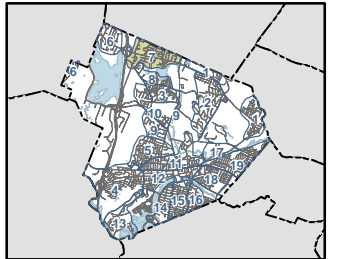
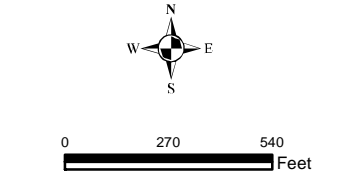


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Legend

	Sweeping Routes		Cemetery
	Rail Lines		Park
	Edge of Pavement		Unpaved Roads
	Building Footprints		Sand Areas
	Water		
	Basketball Court		
	Other		
	Athletic Field		
	Track/Other Surface		
	Playground		
	Spray Park		
	Tennis Court		



Route: 7

Date: 3/28/2014



SWEEPING ROUTE MAP
ROUTE 8
CITY OF WALTHAM
MASSACHUSETTS

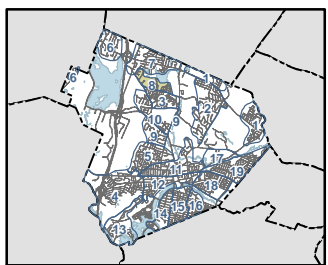
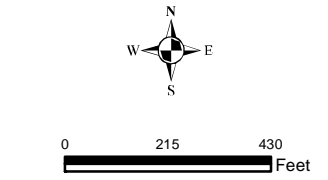


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Legend

Sweeping Routes	Cemetery
Lane Miles	Park
Not Included	Unpaved Roads
Rail Lines	Sand Areas
Edge of Pavement	
Building Footprints	
Water	
Basketball Court	
Other	
Athletic Field	
Track/Other Surface	
Playground	
Spray Park	
Tennis Court	



Route: 8

Date: 3/28/2014




Sweeping Route Map

Route 9

CITY OF WALTHAM

MASSACHUSETTS



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Legend

Sweeping Routes

Lane Miles

Not Included

Rail Lines

Edge of Pavement

Building Footprints

Water

Basketball Court

Other

Athletic Field

Track/Other Surface

Playground


Spray Park

Tennis Court

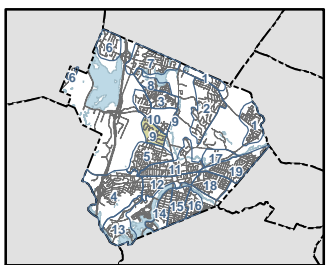
Cemetery

Park

Sand Areas



0 215 430 Feet



Route: 9

Date: 3/28/2014




Sweeping Route Map

Route 10

CITY OF WALTHAM

MASSACHUSETTS




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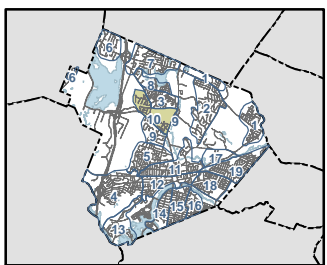
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Legend

Sweeping Routes	Cemetery
Lane Miles	Park
Not Included	Unpaved Roads
Rail Lines	Sand Areas
Edge of Pavement	
Building Footprints	
Water	
Basketball Court	
Other	
Athletic Field	
Track/Other Surface	
Playground	
Spray Park	
Tennis Court	



0 295 590 Feet



Route: 10

Date: 3/28/2014



Sweeping Route Map Route 11 City of Waltham Massachusetts



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Legend

Sweeping Routes

Lane Miles

Not Included

Rail Lines

Edge of Pavement

Building Footprints

Water

Basketball Court

Other

Athletic Field

Track/Other Surface

Spray Park

Tennis Court

Cemetery

Park

Unpaved Roads

Sand Areas

Route: 11

Date: 3/28/2014



Sweeping Route Map Route 12 City of Waltham Massachusetts



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Legend

Sweeping Routes

Lane Miles

Not Included

Rail Lines

Edge of Pavement

Building Footprints

Water

Basketball Court

Other

Athletic Field

Track/Other Surface

Playground

Spray Park

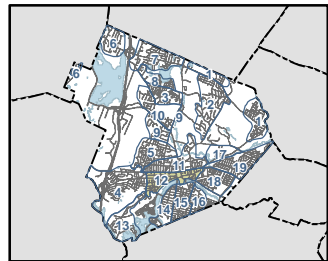
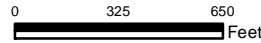
Tennis Court

Cemetery

Park

Unpaved Roads

Sand Areas



Route: 12

Date: 3/28/2014



SWEEPING ROUTE MAP
ROUTE 13
CITY OF WALTHAM
MASSACHUSETTS

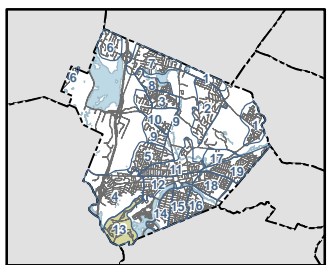
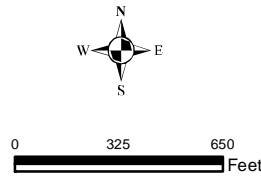


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Legend

Sweeping Routes	Cemetery
Lane Miles	Park
Not Included	Unpaved Roads
Rail Lines	Sand Areas
Edge of Pavement	
Building Footprints	
Water	
Basketball Court	
Other	
Athletic Field	
Track/Other Surface	
Playground	
Spray Park	
Tennis Court	



Route: 13

Date: 3/28/2014



Sweeping Route Map Route 14 City of Waltham Massachusetts



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Legend

Sweeping Routes

Lane Miles

Not Included

Rail Lines

Edge of Pavement

Building Footprints

Water

Basketball Court

Other

Athletic Field

Track/Other Surface

Playground

Spray Park

Tennis Court

Cemetery

Park

Unpaved Roads

Sand Areas

Route: 14

Date: 3/28/2014

Document Path: G:\Maps\Sweeping Route Map - Route Fifteen.mxd




Sweeping Route Map

Route 15

CITY OF WALTHAM

MASSACHUSETTS




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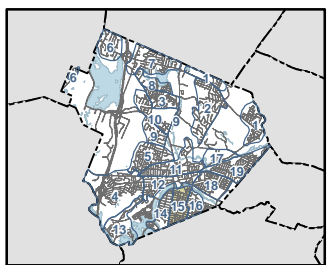
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Legend

Sweeping Routes	Cemetery
Lane Miles	Park
Not Included	Unpaved Roads
Rail Lines	Sand Areas
Edge of Pavement	
Building Footprints	
Water	
Basketball Court	
Other	
Athletic Field	
Track/Other Surface	
Playground	
Spray Park	
Tennis Court	



0 270 540 Feet



Route: 15

Date: 3/28/2014

Document Path: G:\Maps\Sweeping Route Map - Route Sixteen.mxd



SWEEPING ROUTE MAP
ROUTE 16
CITY OF WALTHAM
MASSACHUSETTS

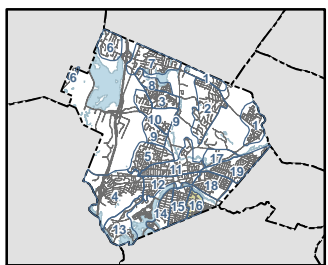


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Legend

Sweeping Routes	Cemetery
Lane Miles	Park
Not Included	Unpaved Roads
Rail Lines	Sand Areas
Edge of Pavement	
Building Footprints	
Water	
Basketball Court	
Other	
Athletic Field	
Track/Other Surface	
Playground	
Spray Park	
Tennis Court	



Route: 16

Date: 3/28/2014



SWEEPING ROUTE MAP
ROUTE 17
CITY OF WALTHAM
MASSACHUSETTS

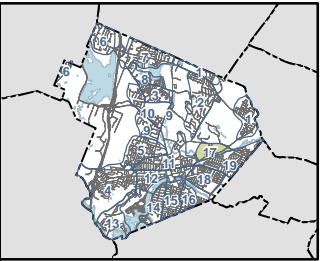
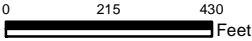


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Lane Miles	Park
Not Included	Unpaved Roads
Rail Lines	Sand Areas
Edge of Pavement	
Building Footprints	
Water	
Basketball Court	
Other	
Athletic Field	
Track/Other Surface	
Playground	
Spray Park	
Tennis Court	



Route: 17

Date: 3/28/2014



SWEEPING ROUTE MAP
ROUTE 18
CITY OF WALTHAM
MASSACHUSETTS

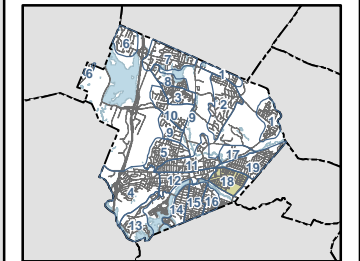
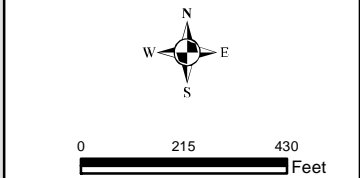


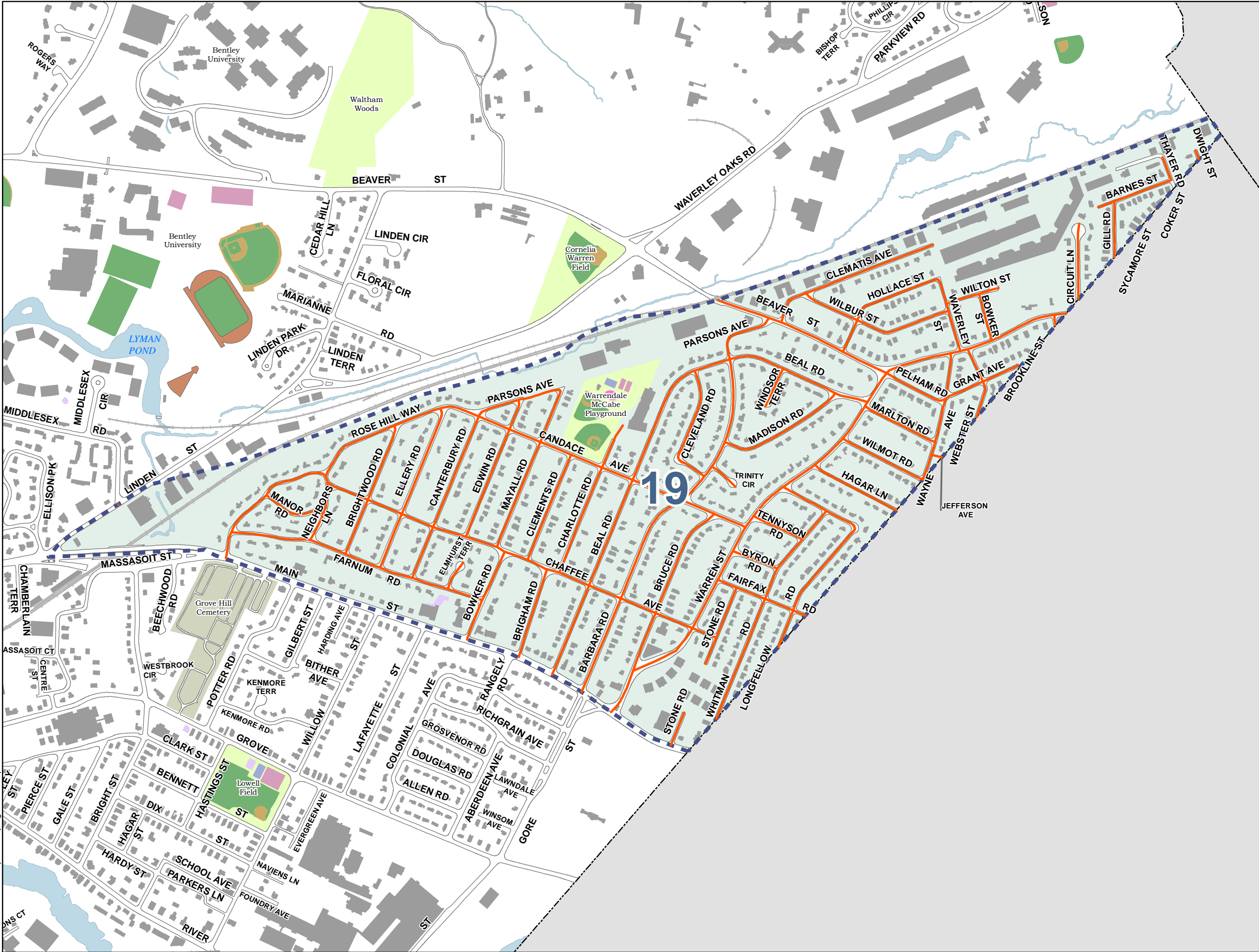
DISCLAIMER:
This map is for reference and planning purposes only. It is prepared for the inventory of real property within the City of Waltham and is compiled from tax maps, recorded deeds and plats. Users of this tax map are hereby notified that the aforementioned public primary information sources should be consulted for the verification of the information contained on this map. The City of Waltham and its mapping contractors assume no legal responsibility for the information contained herein.

DATA SOURCE:
The digital planimetric base map data was developed by Chas H Sells, Inc. and is based on a spring 2001 1"= 40' scale color orthophotographs. The parcel data and are current as of January 2013. Map prepared by Eric Rizzo.

Legend

Sweeping Routes	Cemetery
Lane Miles	Park
Not Included	Unpaved Roads
Rail Lines	Sand Areas
Edge of Pavement	
Building Footprints	
Water	
Basketball Court	
Other	
Athletic Field	
Track/Other Surface	
Playground	
Spray Park	
Tennis Court	





Sweeping Route Map Route 19 City of Waltham Massachusetts



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Legend

Sweeping Routes

Lane Miles

Not Included

Rail Lines

Edge of Pavement

Building Footprints

Water

Basketball Court

Other

Athletic Field

Track/Other Surface

Playground

Spray Park

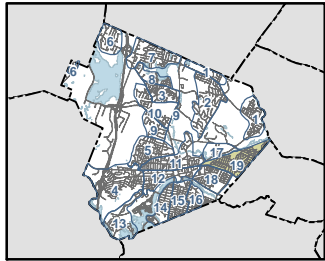
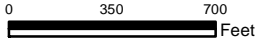
Tennis Court

Cemetery

Park

Unpaved Roads

Sand Areas



Route: 19

Date: 3/28/2014