

# appendix A

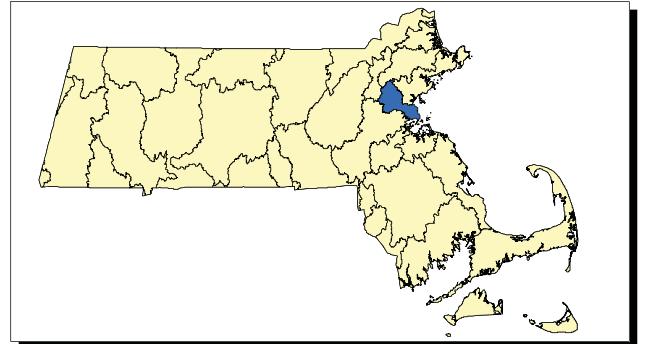
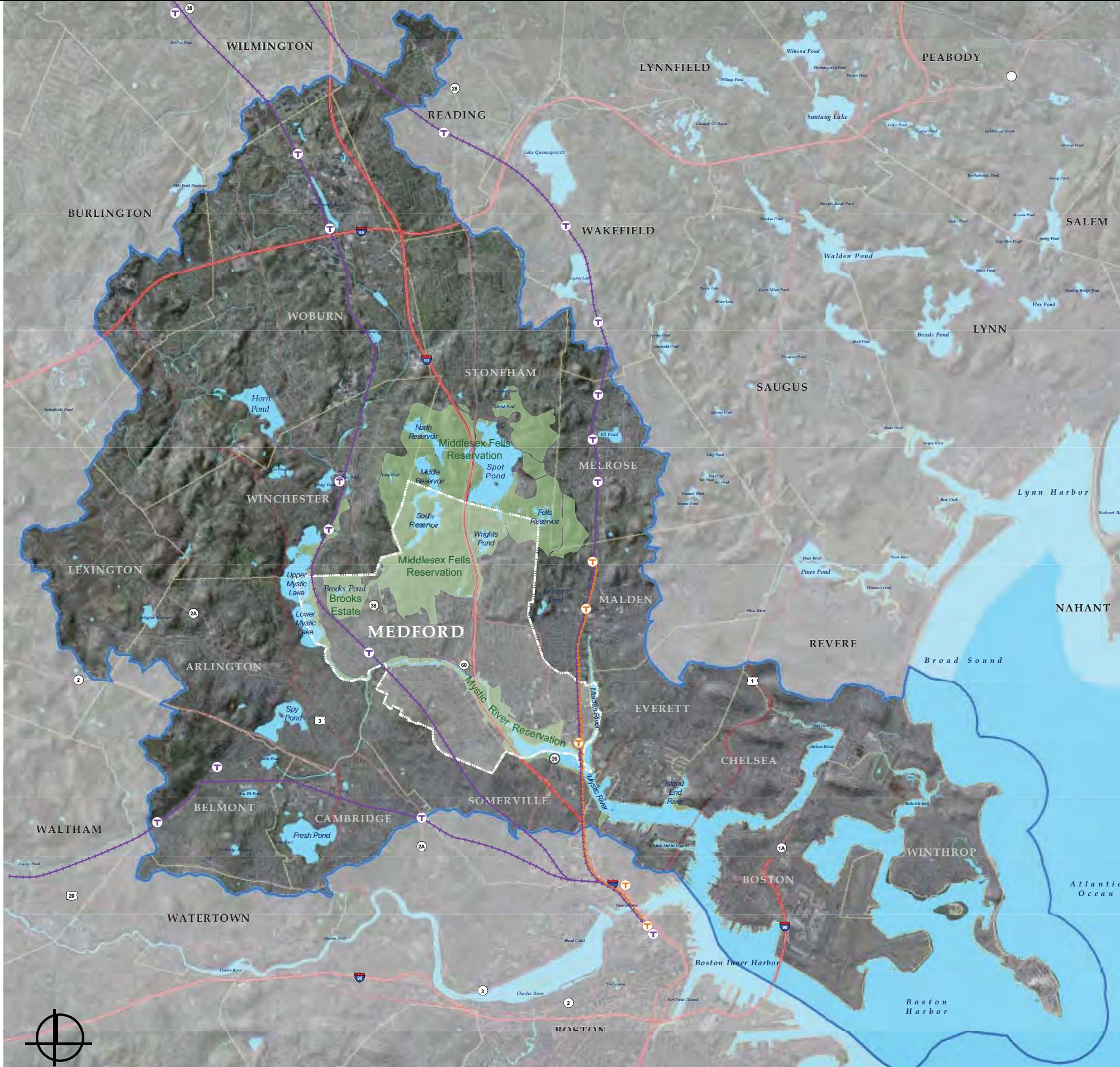
# mapping

Map 1.	Regional Context Map
Map 2.	Environmental Justice Map
Map 3.	Zoning Map
Map 4.	Soils and Geologic Features Map
Map 5.	Unique Features Map
Map 6.	Water Resources Map
Map 7.	Open Space Inventory Map
Map 8.	Action Plan Map
Map A.	Historic Community Map
Map B.	Population Characteristics Map
Map B-1.	Population Characteristics Map (MassGIS Draft Map of 2010 Data)
Map C.	Current Land Use
Map D.	Existing Infrastructure
Map E.	Not used
Map F.	Plant and Wildlife Habitat Map
Map G.	Environmental Challenges Map

## Supplementary Maps:

1. Open Space Ownership
2. Open Space Types & Distribution
3. Income Distribution Maps
4. HUD Low-Moderate Income Census Tracts
5. Percentage of Population Under Age 18
6. Half-Mile Radius Maps of Medford Parks & Open Space
7. Boston Urban Ring Transit - Locally Preferred Alternative
8. MassDOT Green Line Extension Project
9. 1895 U.S. Atlas - Middlesex County
10. O.H. Bailey & Co. - 1880 Bird's-Eye View of Medford





Base map source:  
US EPA "Mystic River Watershed" map  
<http://www.epa.gov/region1/mysticriver/maps.html>

#### Legend:

- Mystic River Watershed
- City Boundaries
- Shared Recreational Resources
- Medford City Line
- MBTA Commuter Rail
- MBTA Orange Line

0 0.5 1 2 Miles

#### MAP 1

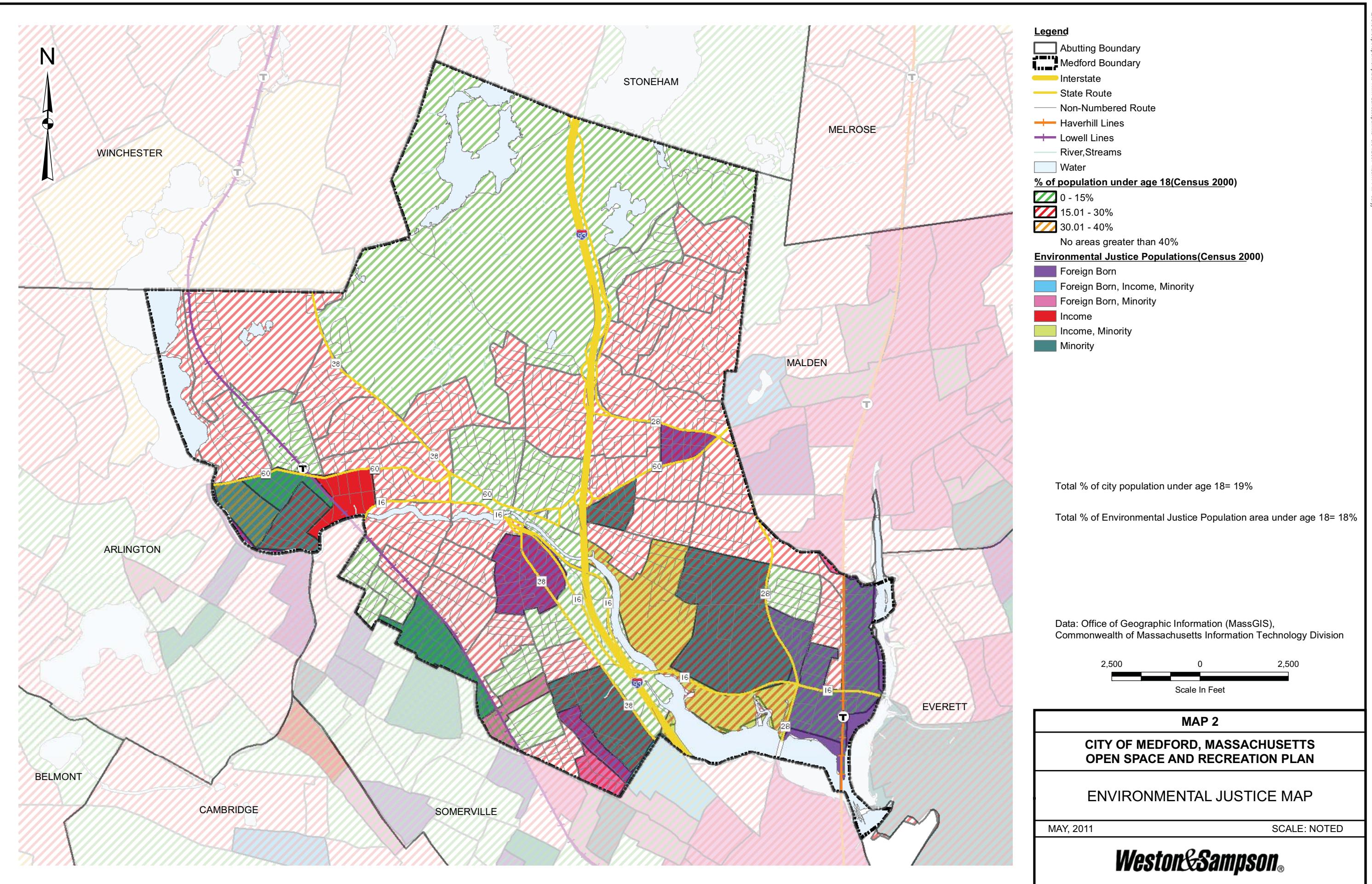
#### CITY OF MEDFORD, MASSACHUSETTS OPEN SPACE AND RECREATION PLAN

#### REGIONAL CONTEXT MAP

SEPTEMBER 2011

SCALE: NOTED

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# Zoning Districts Overlay City of Medford, Massachusetts



City of Medford  
Massachusetts  
Zoning Districts



**Legend**

- Zoning Districts
  - C1 - Commercial 1
  - C2 - Commercial 2
  - O - Office
  - I - Industrial
  - MUZ - Mixed Use
  - ROS - Residential Open Space
  - GR - General Residence
  - SF1 - Single Family 1
  - SF2 - Single Family 2
  - APT1 - Apartment 1
  - APT2 - Apartment 2
  - APT3 - Apartment 3
- Roads
- Rail Road
- Hydrology
- Buildings

0 700 1,400  
1 inch = 700 ft

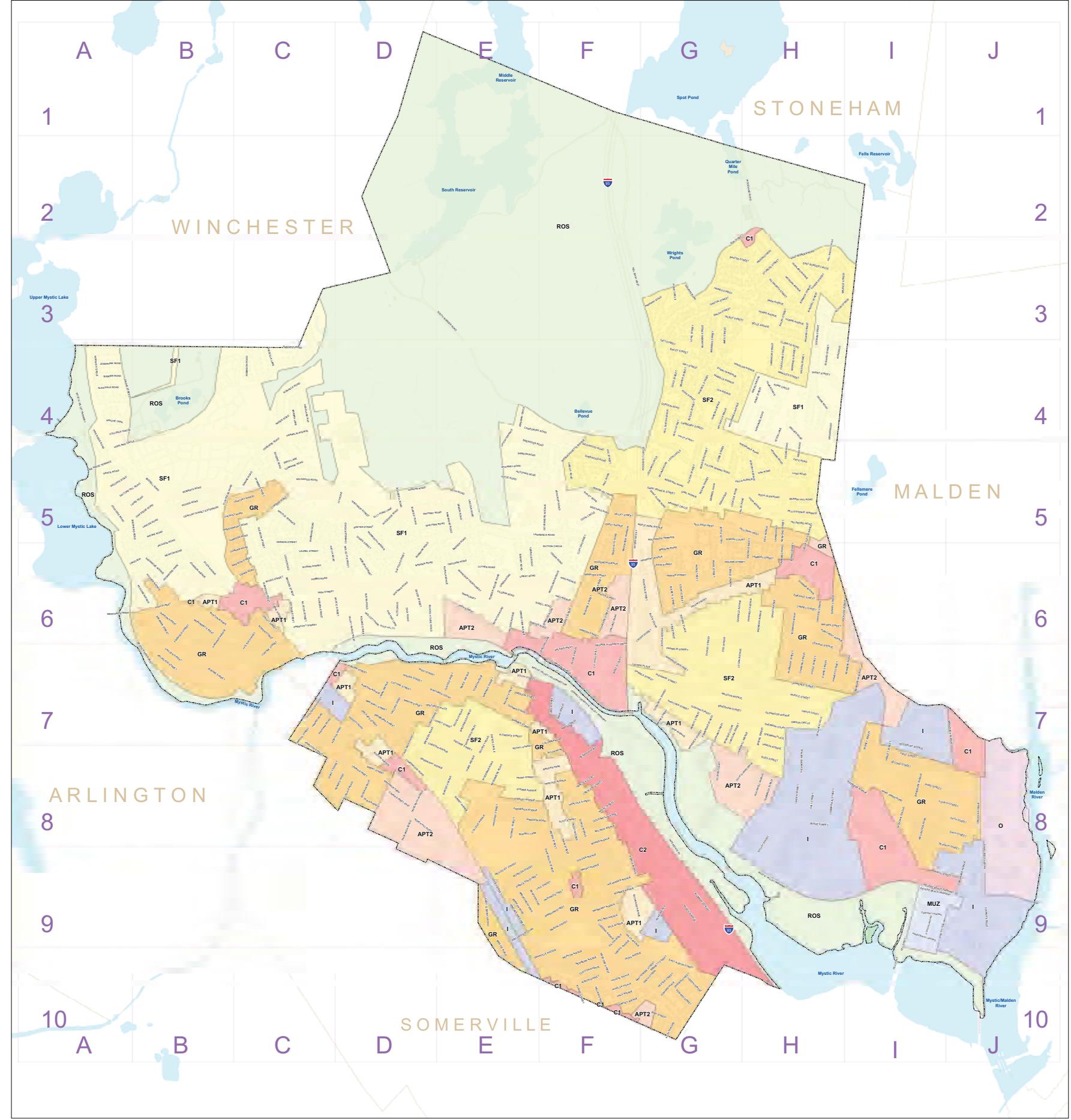
**Source:**  
City of Medford - Roads, Buildings,  
Historic Districts, Zoning Districts,  
MassGIS - Hydrology, Open Space,  
Town Boundaries  
**Coordinate System:** NAD 1983 State Plane  
Massachusetts Mainland

**Disclaimer:**  
This map represents the best efforts by the  
City of Medford and its contractors to  
accurately represent the City's features in a  
Geographic Information System (GIS) Database.  
The City makes no warranties,  
promises, or representation expressed or  
implied relating to the accuracy of the data.  
The City shall not be liable for  
any damages or losses resulting from the use  
of the data or lack thereof, or any decisions  
made or action not taken in reliance upon  
any of the data.

The GIS and all maps rendered are for  
general planning use only.

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City of Medford - Engineering Department  
85 George P. Hassett Drive  
City Hall-Room 300  
Medford, MA 02155  
Phone: 781-393-2474

Map Created on February 24, 2009



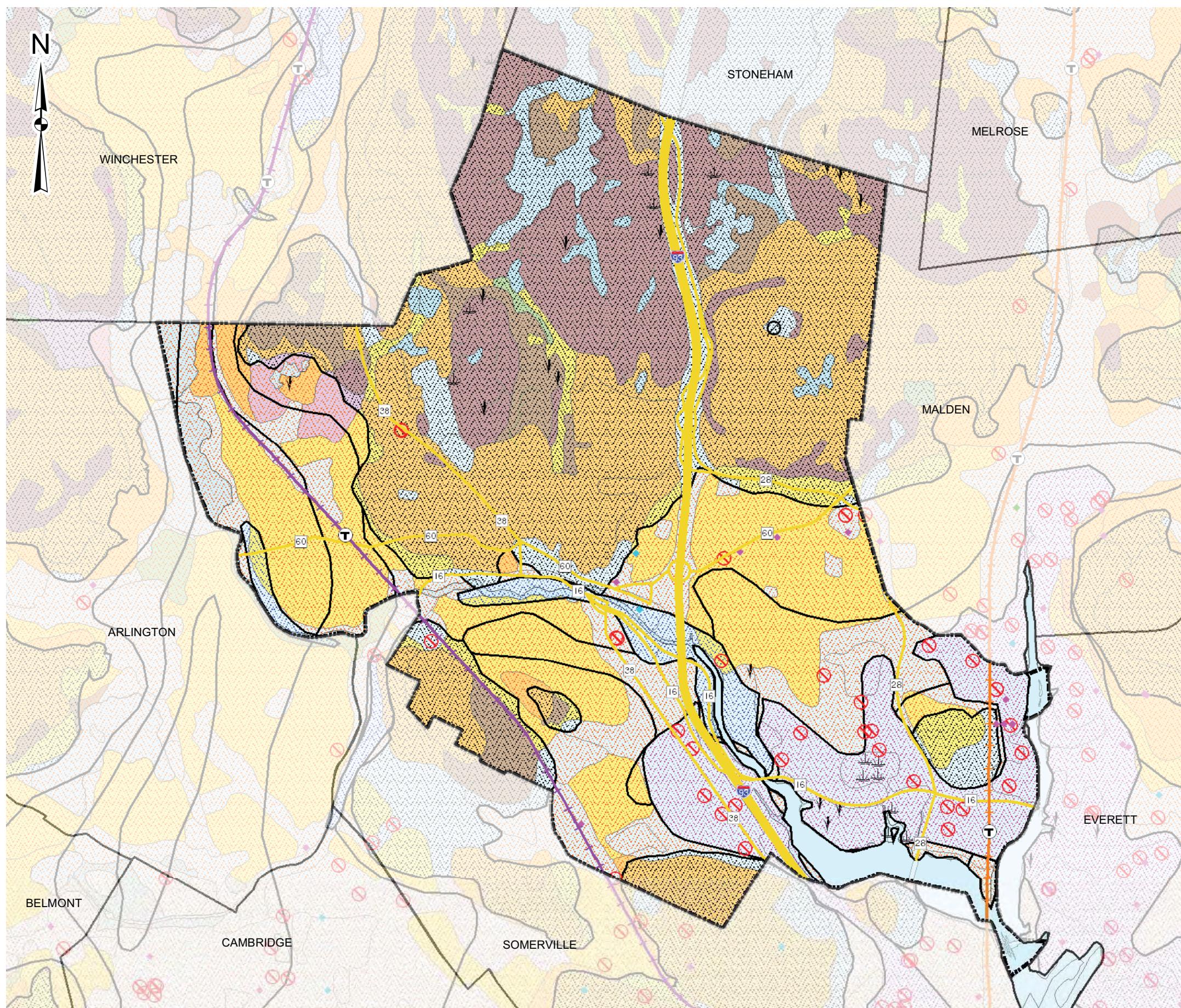
**MAP 3**  
**CITY OF MEDFORD, MASSACHUSETTS  
OPEN SPACE AND RECREATION PLAN**

**ZONING MAP**

SEPTEMBER 2011

SCALE: NOTED

**Weston & Sampson**

**Legend****Tier Classified Sites-Brownfields(2010)**

- Abutting Boundary
- Medford Boundary
- Haverhill Lines
- Lowell Lines
- Interstate
- State Route
- River,Streams
- Water
- ◆ Tier 1A
- ◆ Tier 1B
- ◆ Tier 1C
- ◆ Tier 1D
- ◆ Tier II
- ◆ AUL Sites (2010)

**Surficial Geology-1999 (1:250,000)**

- Sand & Gravel
- Till or Bedrock
- Sandy Till over Sand
- End Moraine
- Large Sand Deposit
- Fine-Grained Deposit
- Floodplain Alluvium

**Prime Farmland Soils (2010)**

- All areas are prime farmland
- Farmland of statewide importance
- Farmland of unique importance

**Soil Point Features (2010)**

- Marsh or swamp
- Rock outcrop
- Wet spot

**Soil Linear Features (2010)**

- Levee
- Gully
- Short, steep slope
- Bedrock
- Other

**Soils by Slope (2010)**

- None (Water or Urban Land)
- 0-3%
- 3-8%
- 8-15%
- 15-25%
- 25-35%

Data: Office of Geographic Information (MassGIS),  
Commonwealth of Massachusetts Information Technology Division

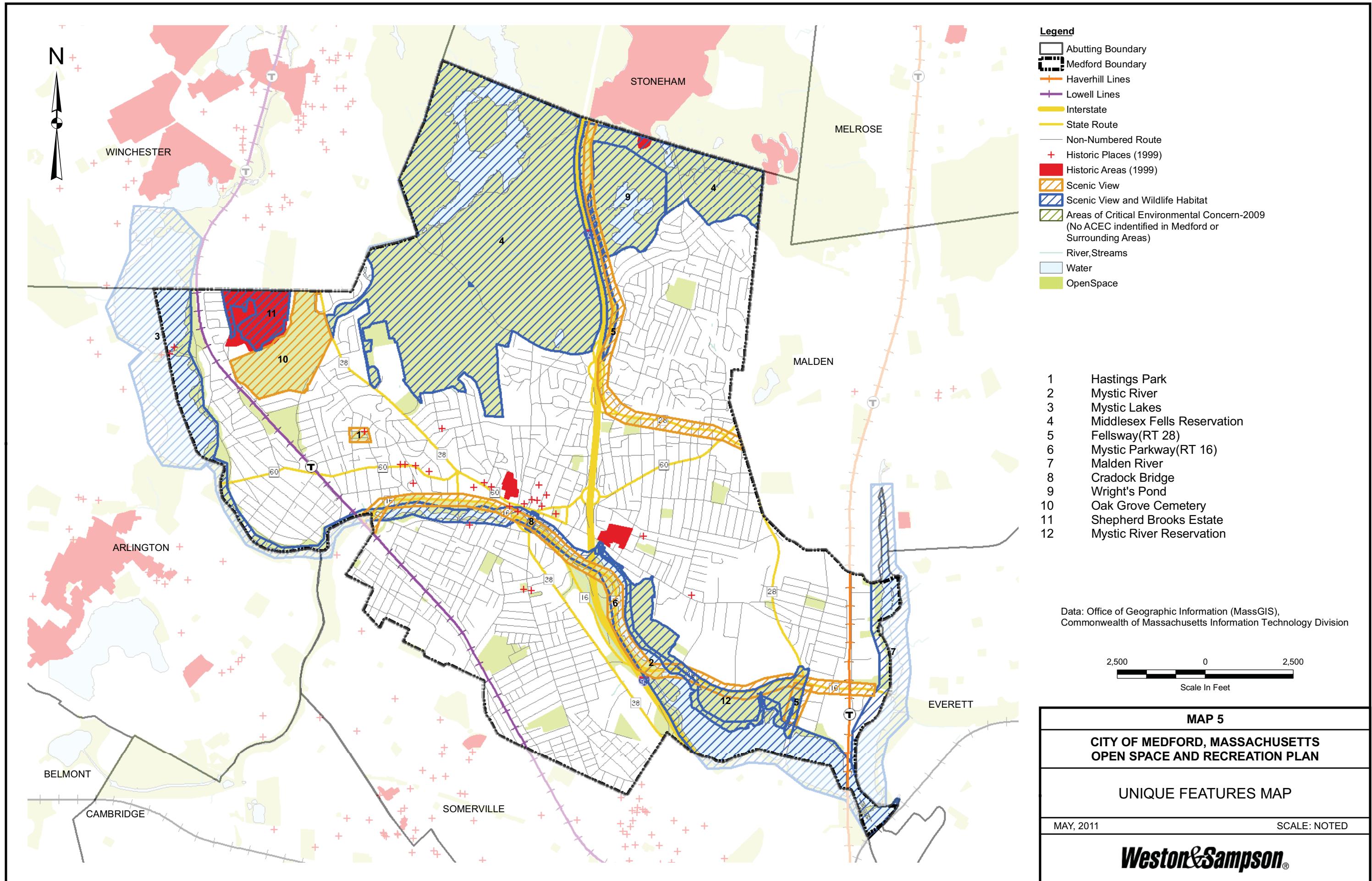
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Scale In Feet

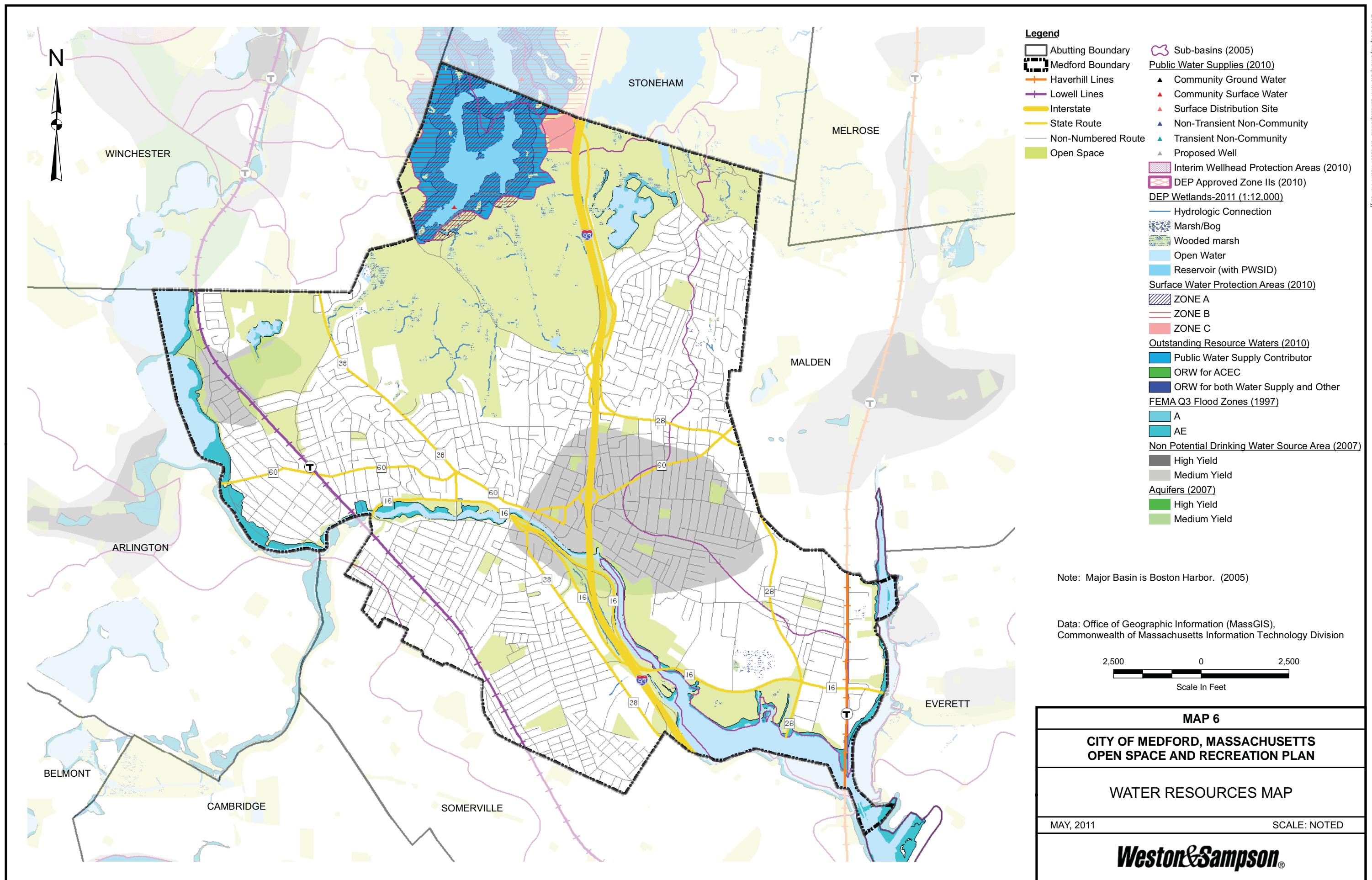
**MAP 4****CITY OF MEDFORD, MASSACHUSETTS  
OPEN SPACE AND RECREATION PLAN****SOILS AND GEOLOGIC FEATURES MAP**

MAY, 2011

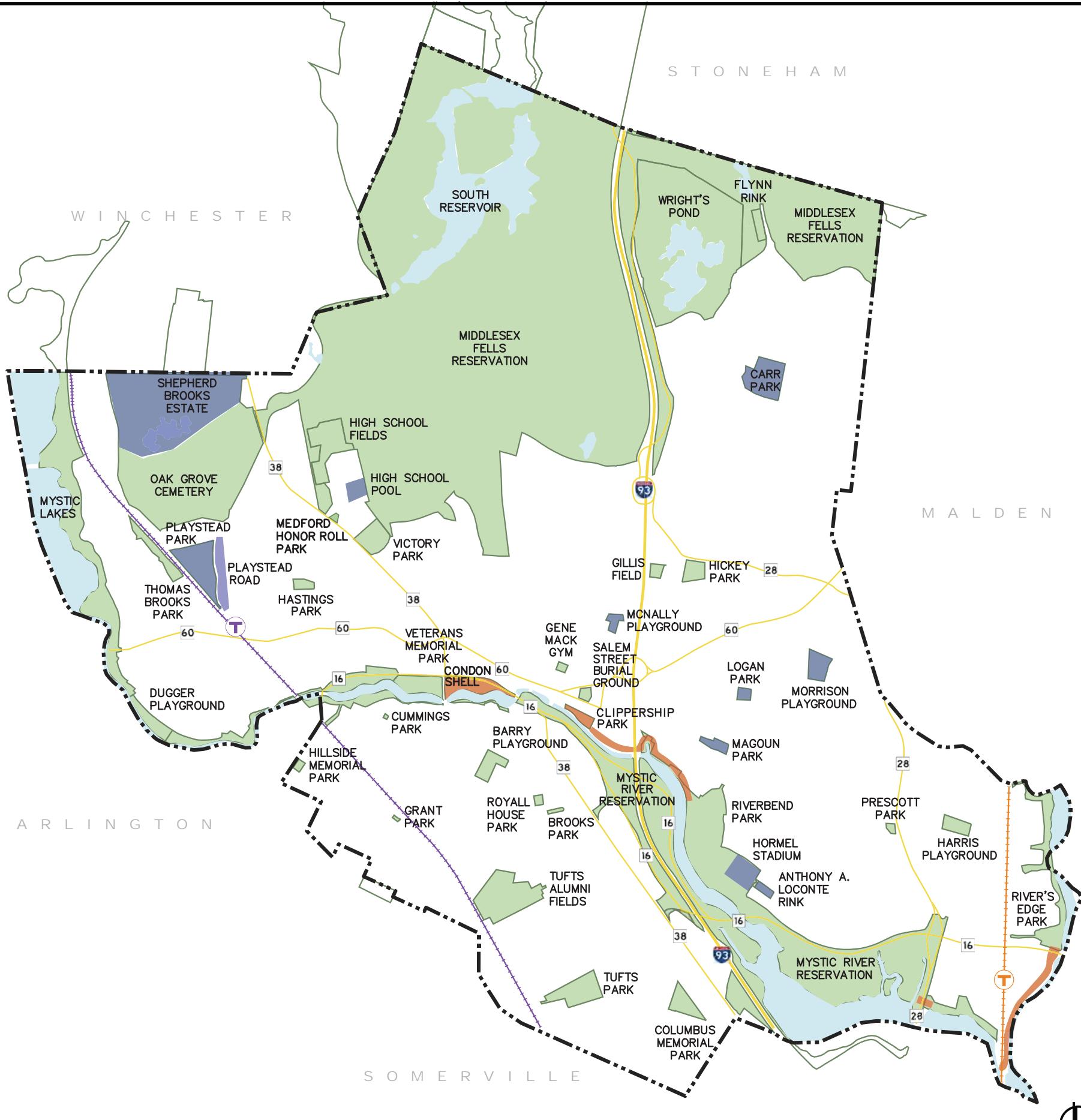
SCALE: NOTED

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#### Facility Rehabilitation & Protection Projects

- 2011
  - Hormel Stadium Field improvements
- 2012
  - Medford High School Pool rehabilitation (2012-2013)
  - Continued development of the Brooks Estate (2012-2021)
- 2014
  - McNally Playground - full rehabilitation
  - LoConte Rink recreation facility improvements
  - Carr Park - field lighting
  - Playstead Park - field lighting
  - City-wide various courts improvements
- 2015
  - City-wide irrigation system install/improvements
- 2016
  - Magoun Playground - full rehabilitation
  - Logan Playground - full rehabilitation
  - City-wide various playing field improvements
  - Morrison Playground - park rehabilitation
- 2017
  - Playstead Roadway Improvements (pedestrian/biking connections to Playstead Park)

#### Acquisitions and Improved Access Projects

- 2012
  - City-Wide Accessibility Improvements (Locations across Medford, 2012-2018)
  - Medford Riverwalk Expansion
    - Riverbend Park to Medford Square Riverfront Access Plan
    - Wellington Greenway Project & Fellsway Pedestrian Bridge Connection (2012-2018)
  - Establish Off-leash recreational areas for dogs (Locations to be assessed across Medford)
- 2013
  - Establish Water Taxi System: Phase 1
    - Water taxi, first dock, and related improvements (Clippership Park/Condon Shell)
  - Establish additional Community Gardens (Locations to be assessed across Medford)
- 2016
  - Establish Water Taxi System: Phase 2

MAP 8

#### CITY OF MEDFORD, MASSACHUSETTS OPEN SPACE AND RECREATION PLAN

#### ACTION PLAN MAP

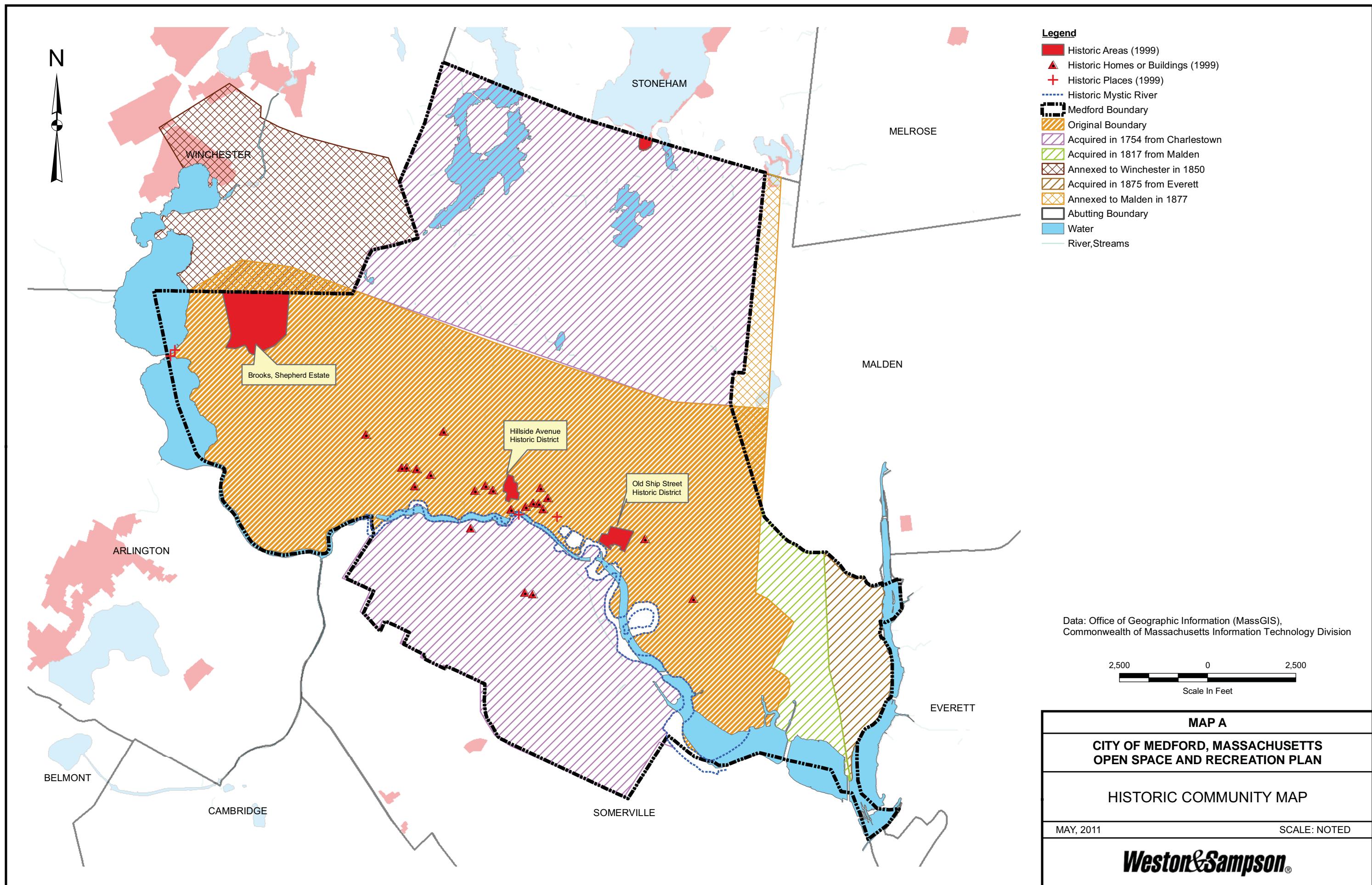
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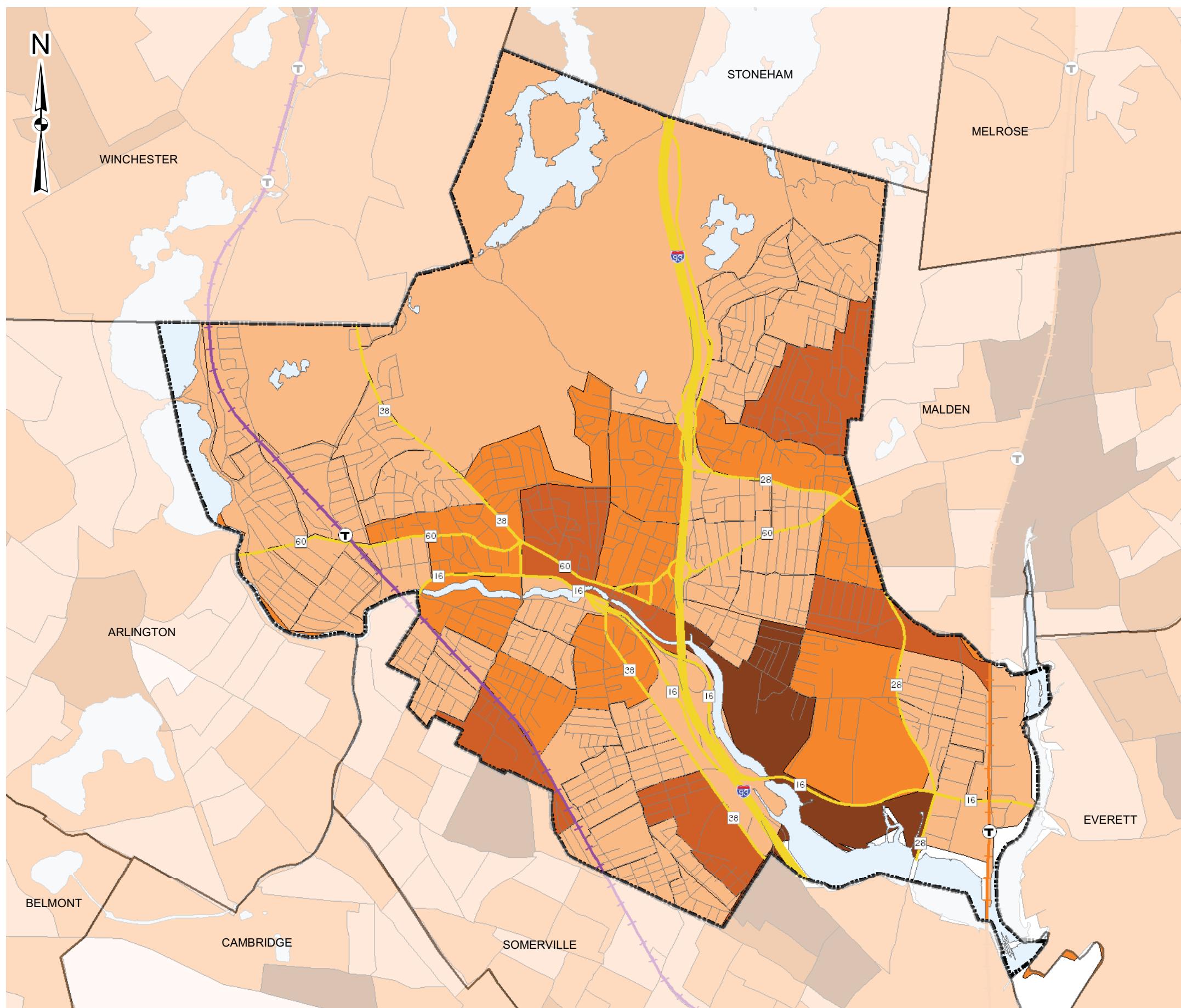
SCALE: NOTED



0' 650' 1300' 1950'

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Data: Office of Geographic Information (MassGIS),  
Commonwealth of Massachusetts Information Technology Division

2,500 0 2,500  
Scale In Feet

#### MAP B

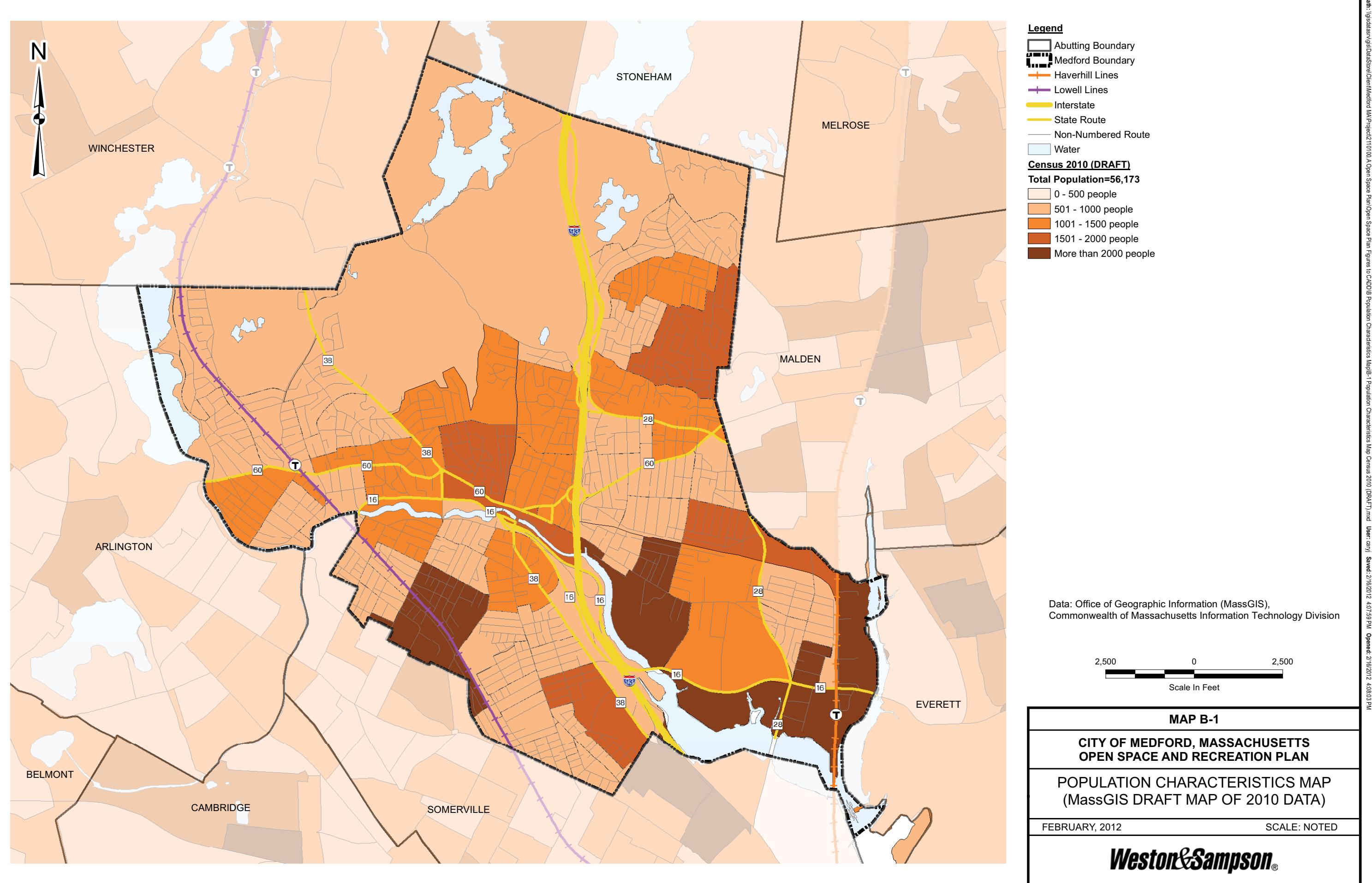
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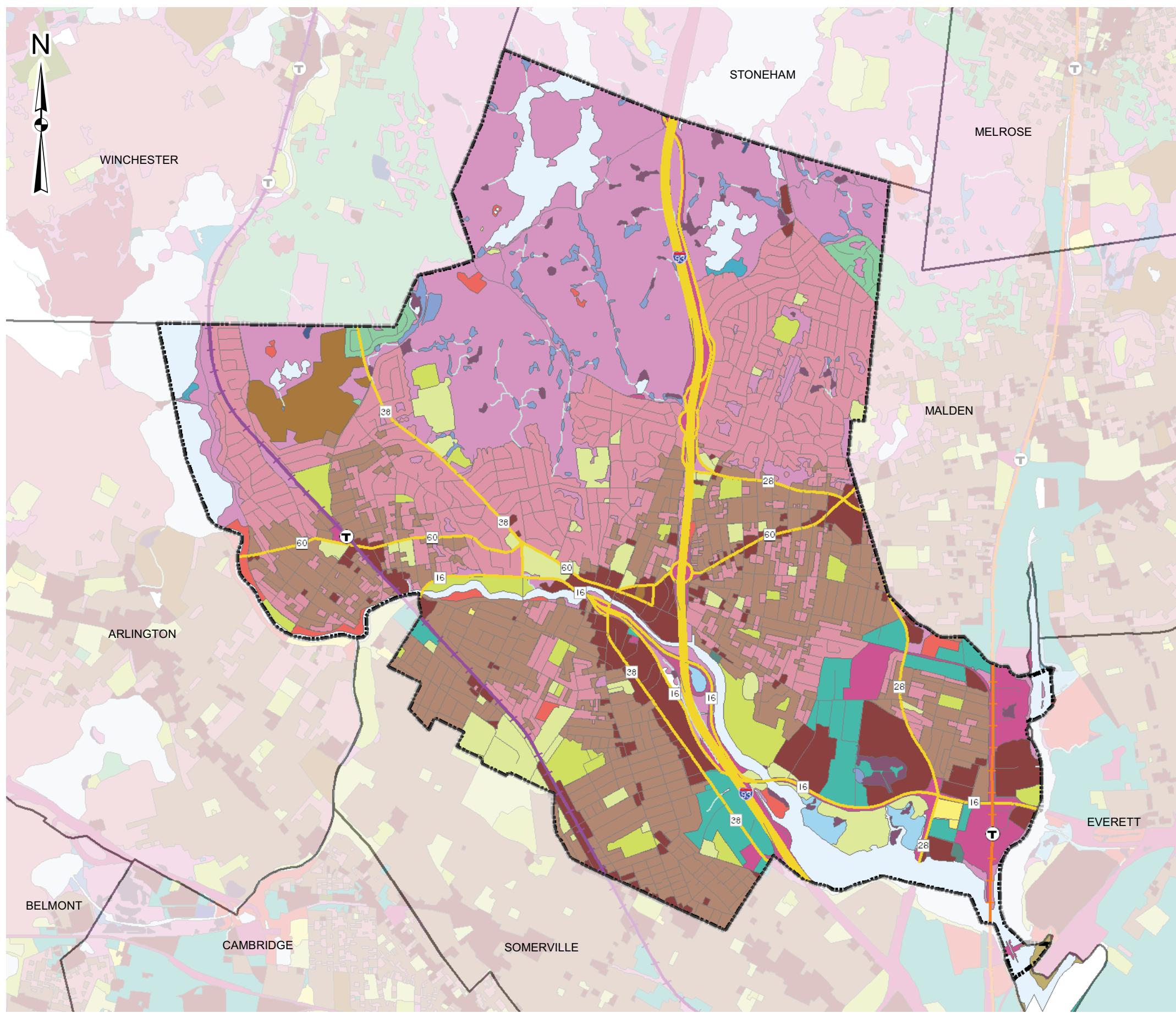
#### POPULATION CHARACTERISTICS MAP

MAY, 2011

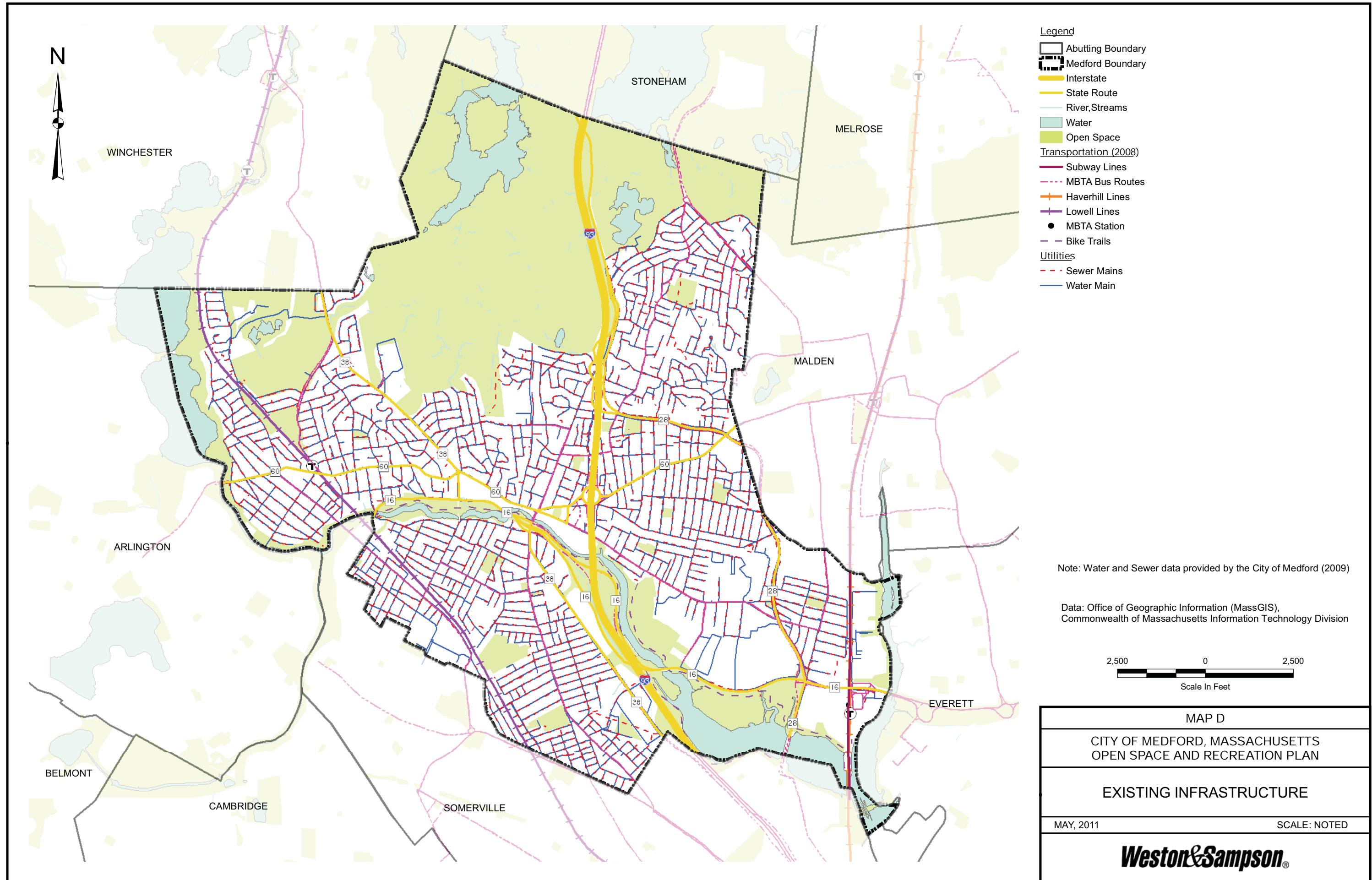
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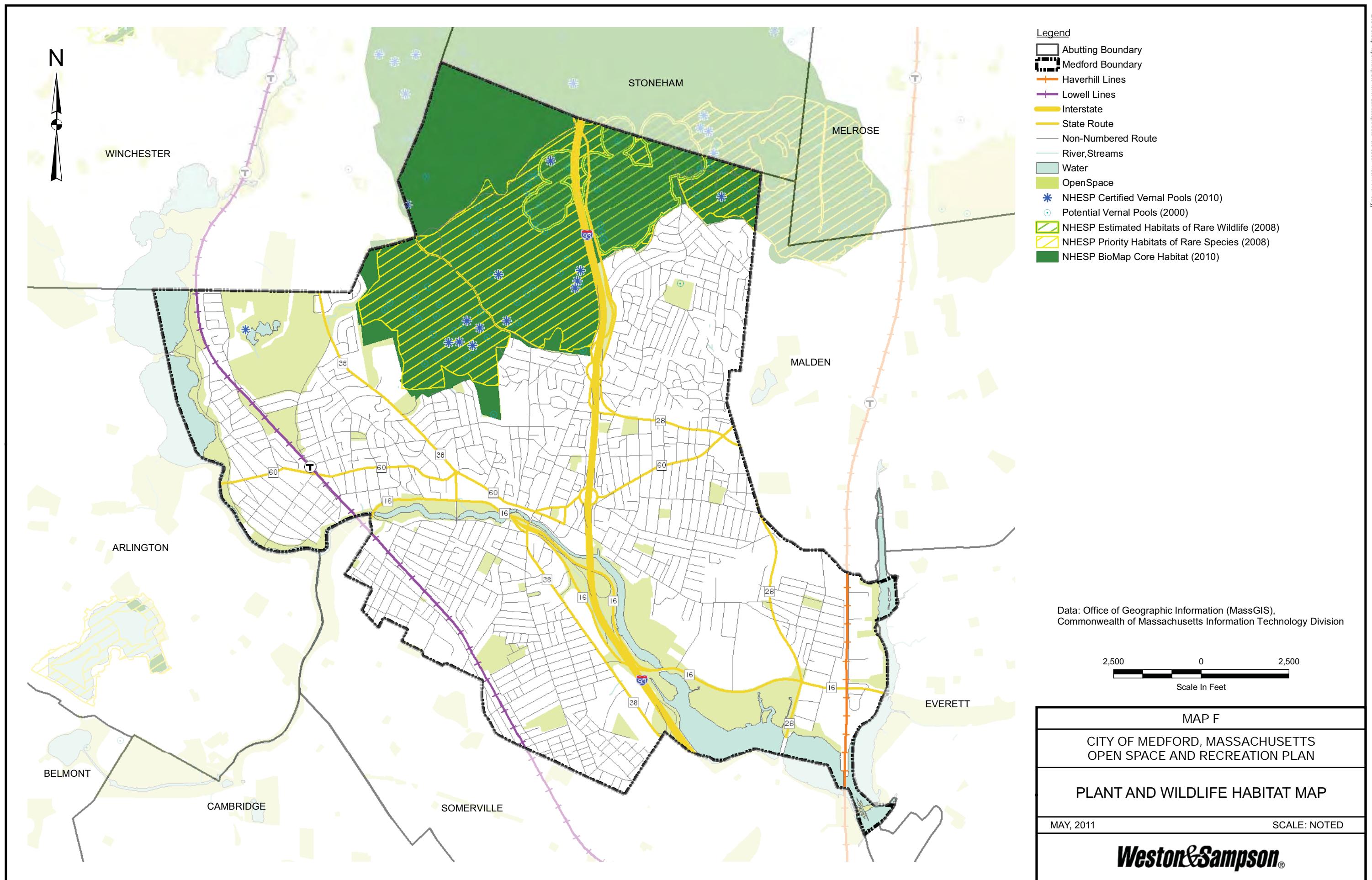
**Weston & Sampson®**

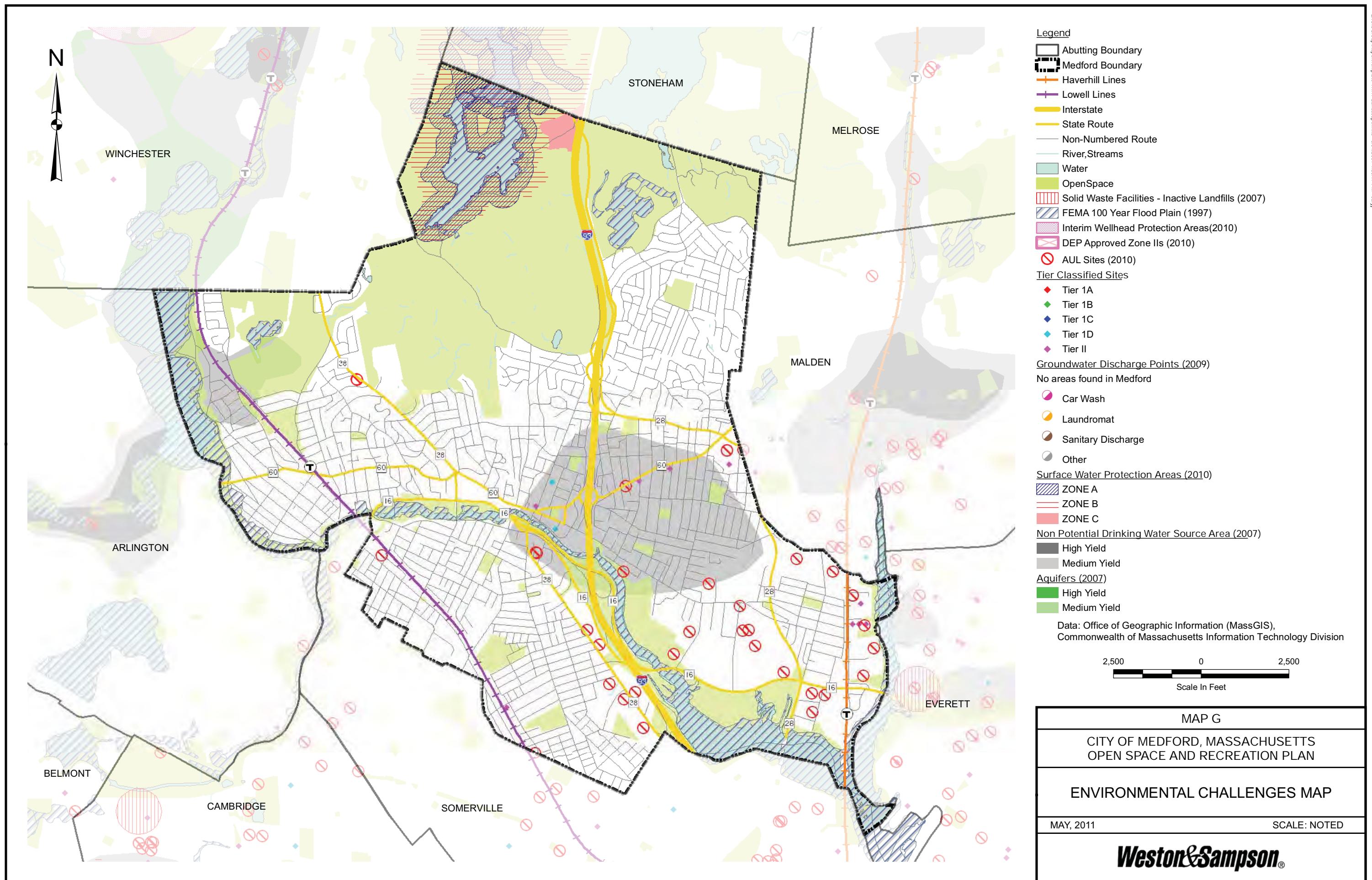




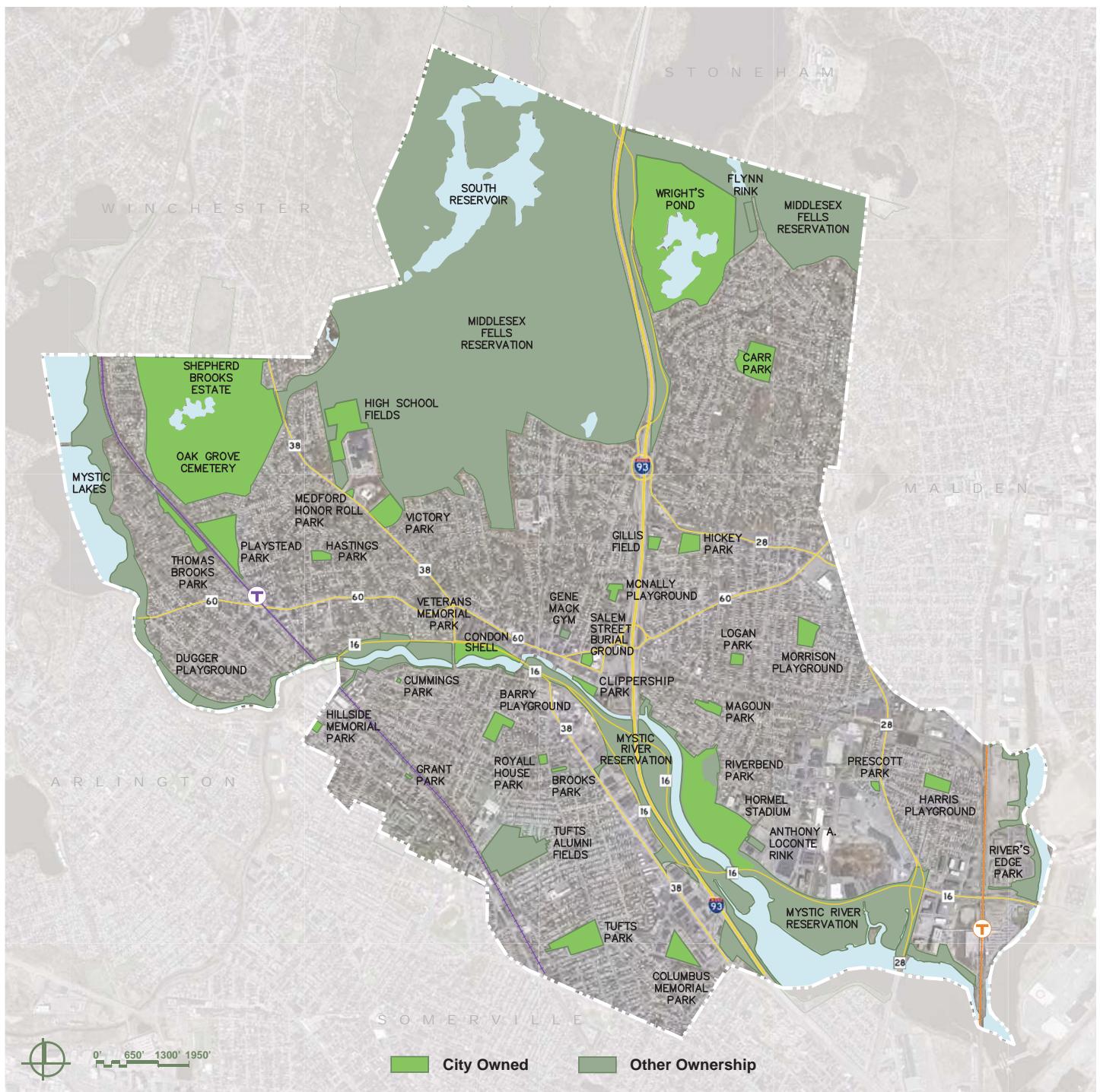
**MAP C**  
**CITY OF MEDFORD, MASSACHUSETTS  
OPEN SPACE AND RECREATION PLAN**  
**CURRENT LAND USE**  
MAY, 2011      SCALE: NOTED  
**Weston & Sampson®**







CITY OF MEDFORD  
OPEN SPACE OWNERSHIP  
*Supplementary Map 1*



# CITY OF MEDFORD OPEN SPACE TYPES & DISTRIBUTION

## *Supplementary Map 2*

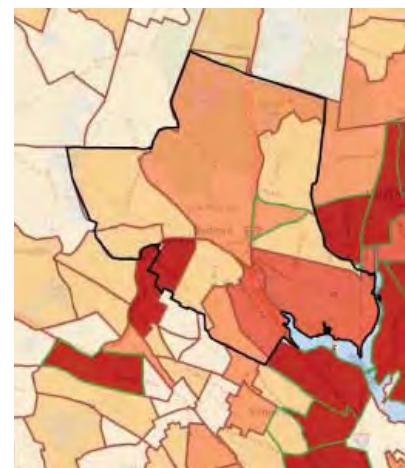


**CITY OF MEDFORD**  
**INCOME DISTRIBUTION MAPS**  
*Supplementary Map 3*



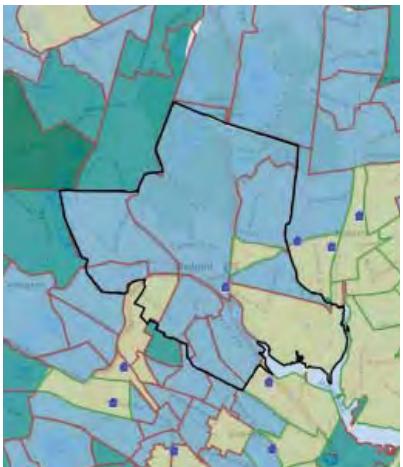
Medford Census Tracts

□ Census Tract



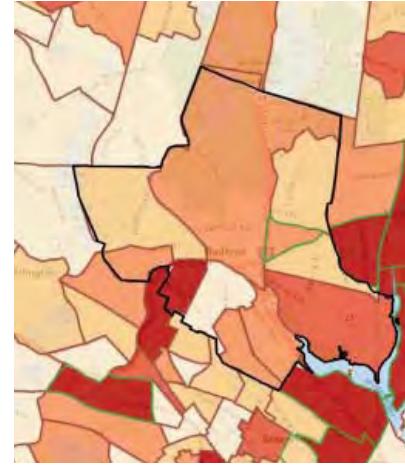
Percent Moderate Income  
(80% of median)

0-30%
30-40%
40-45%
45-50%
Over 50%
□ Census Tract
□ Low-Moderate Census Tract



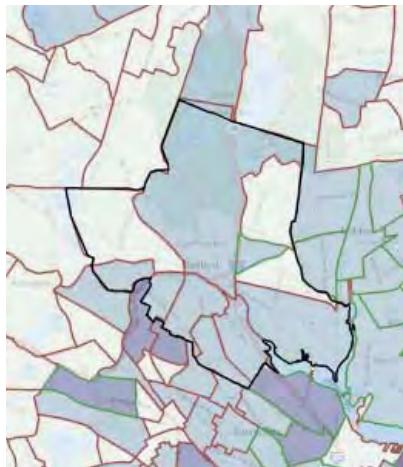
Median Household Income

<\$37,719
\$37,719-\$60,398
\$60,398-\$91,449
\$91,449 - \$151,632
>\$151,632
□ Census Tract
□ Low-Moderate Census Tract
■ Public Housing Development



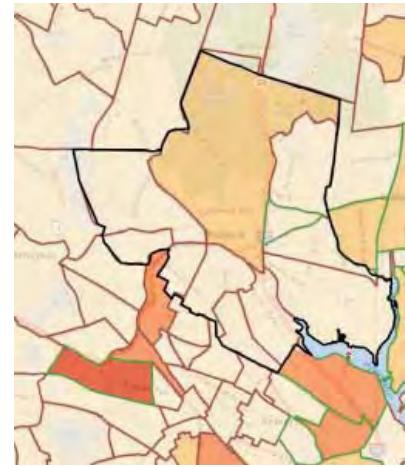
Percent Low Income  
(50% of median)

<20%
20-25%
25-30%
30-35%
>35%
□ Census Tract
□ Low-Moderate Census Tract



Poverty Rate

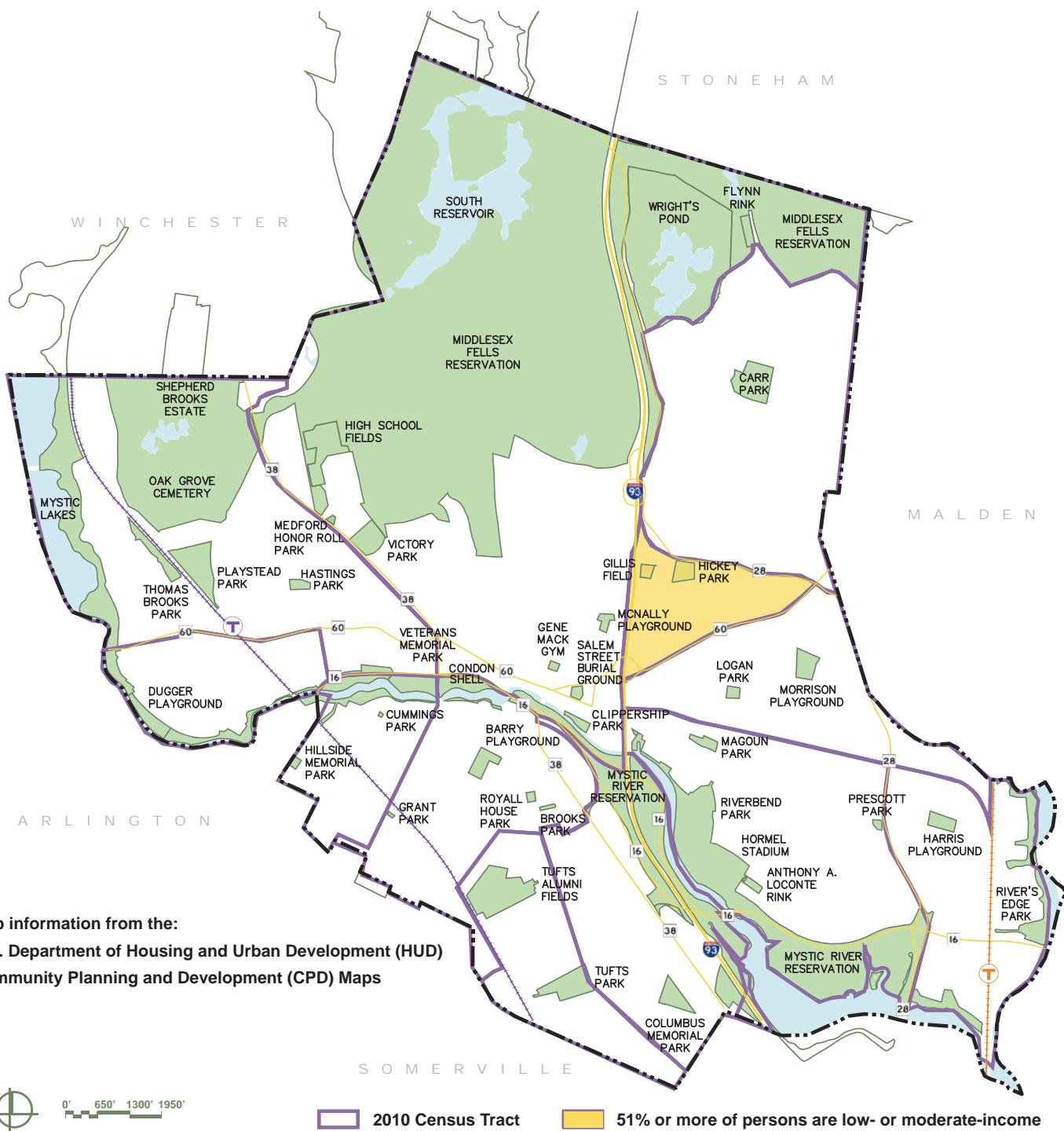
<7.09% Poverty
7.09-19.33% Poverty
19.33-36.5% Poverty
36.5-65.38% Poverty
>65.38% Poverty
□ Census Tract
□ Low-Moderate Census Tract



Percent Extremely Low Income  
(30% of median)

<20%
20-25%
25-30%
30-35%
>35%
□ Census Tract
□ Low-Moderate Census Tract

**CITY OF MEDFORD**  
**HUD Low-Moderate Income Census Tracts**  
**Supplementary Map 4**



Map information from the:

U.S. Department of Housing and Urban Development (HUD)  
Community Planning and Development (CPD) Maps

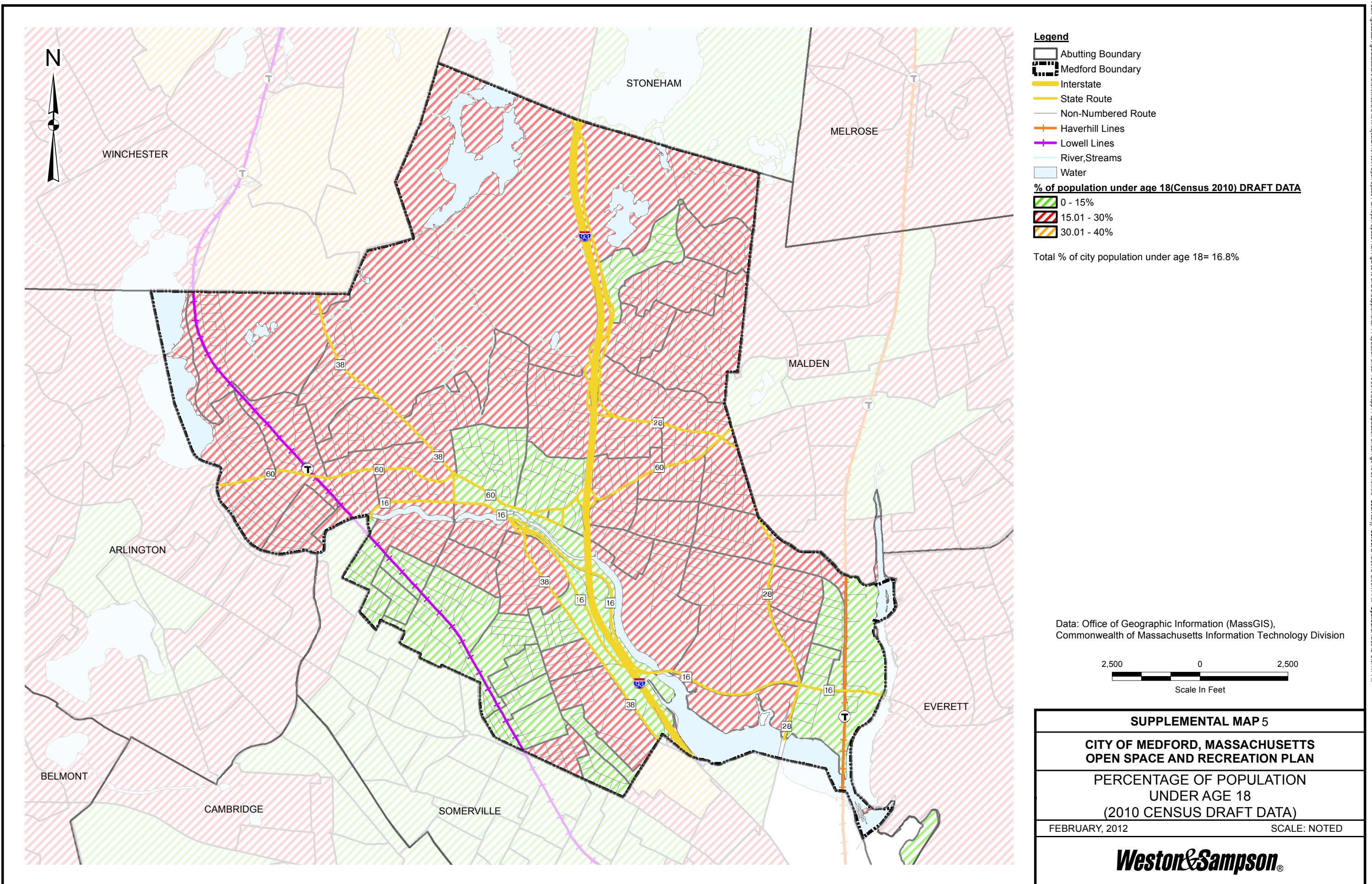


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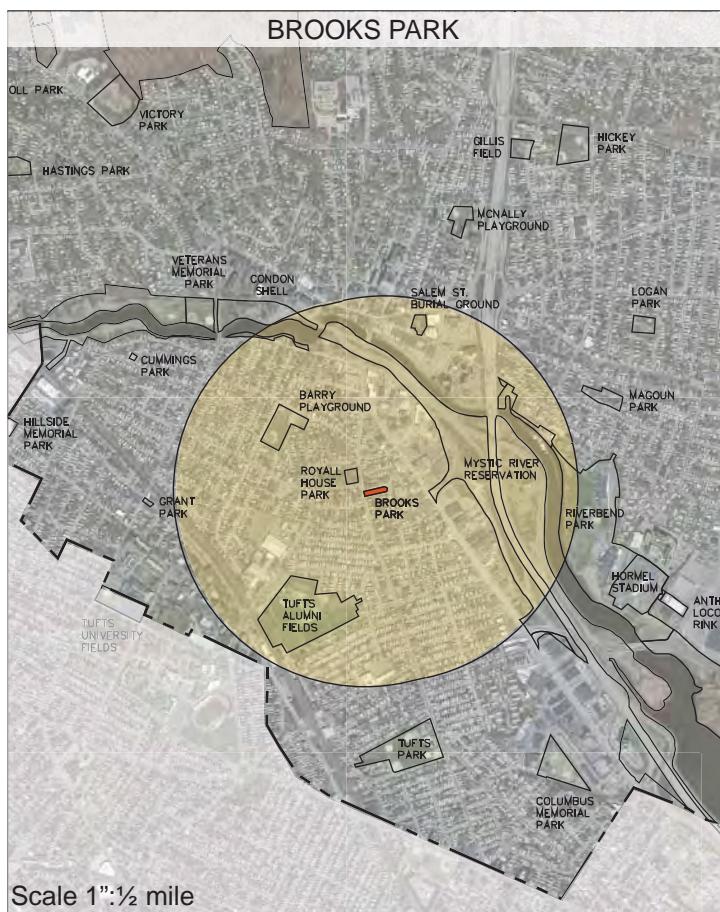
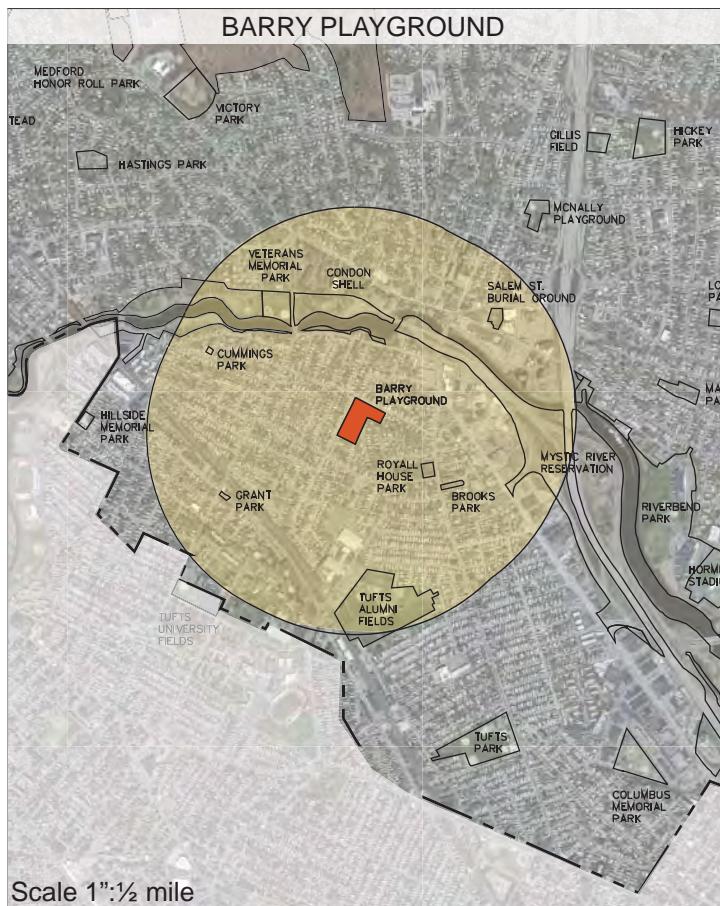
  2010 Census Tract        51% or more of persons are low- or moderate-income

\* HUD CPD Maps are currently based on data from the American Community Survey 2005-2009. A low-income person is defined as an individual or a member of a family whose income is no more than 50% of the area median income (AMI); a moderate-income person is defined as an individual or a member of a family whose income is between 50-80% of AMI).

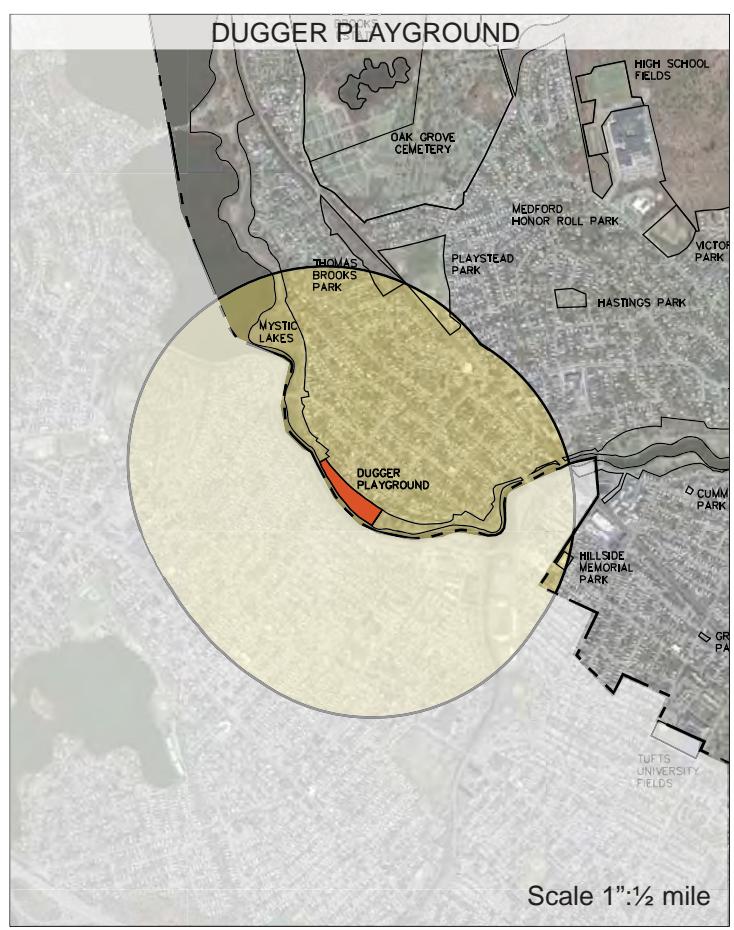
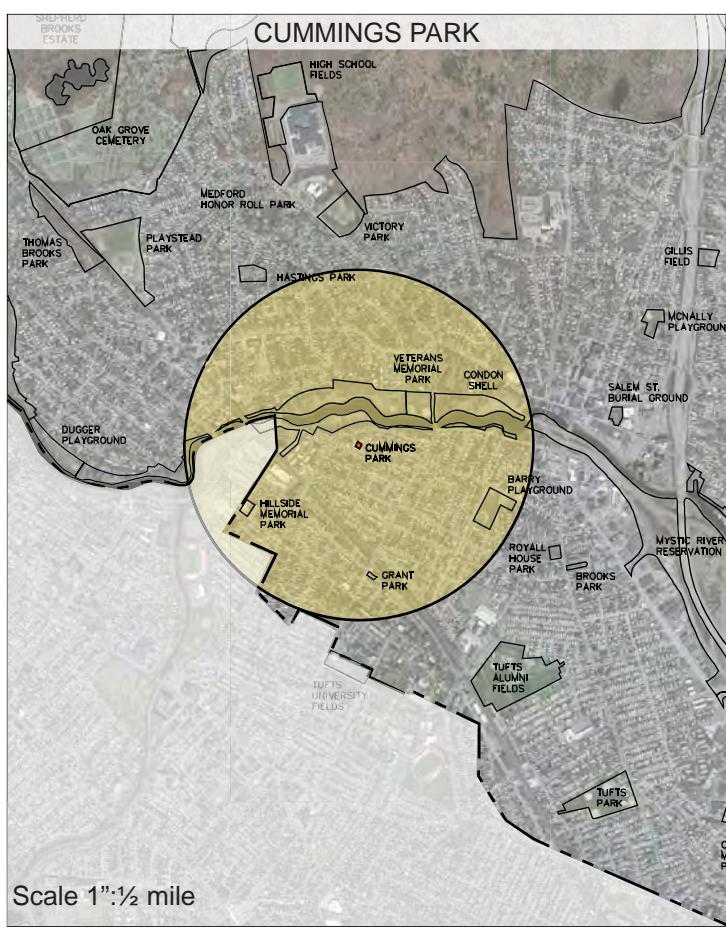
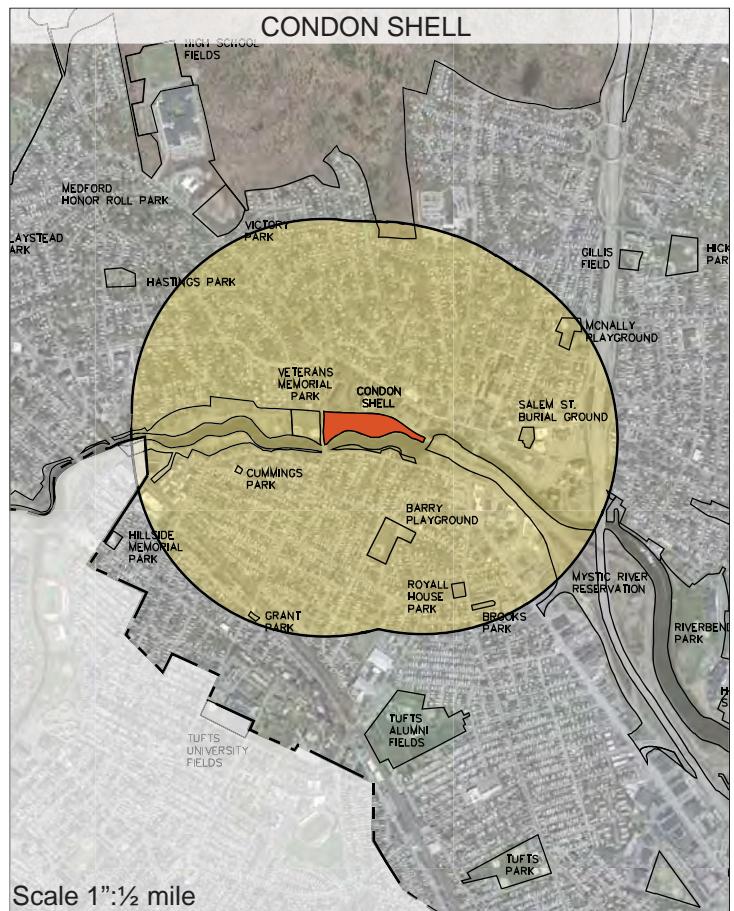
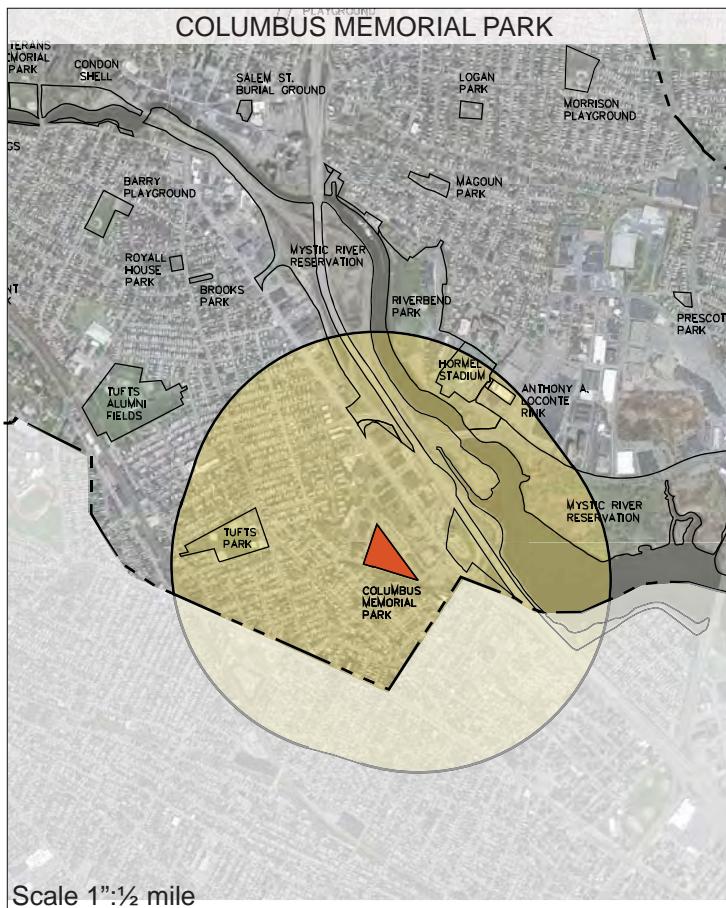
\* From the HUD CPD Maps Glossary: "CPD Maps is not intended to be used to calculate whether the service area of a specific activity meets CDBG program requirements regarding the low- and moderate-income benefit national objective. Grantees should continue to follow the guidance provided by the CPD Office of Block Grant Assistance at <http://www.hud.gov/offices/cpd/systems/census/lowmod/>."



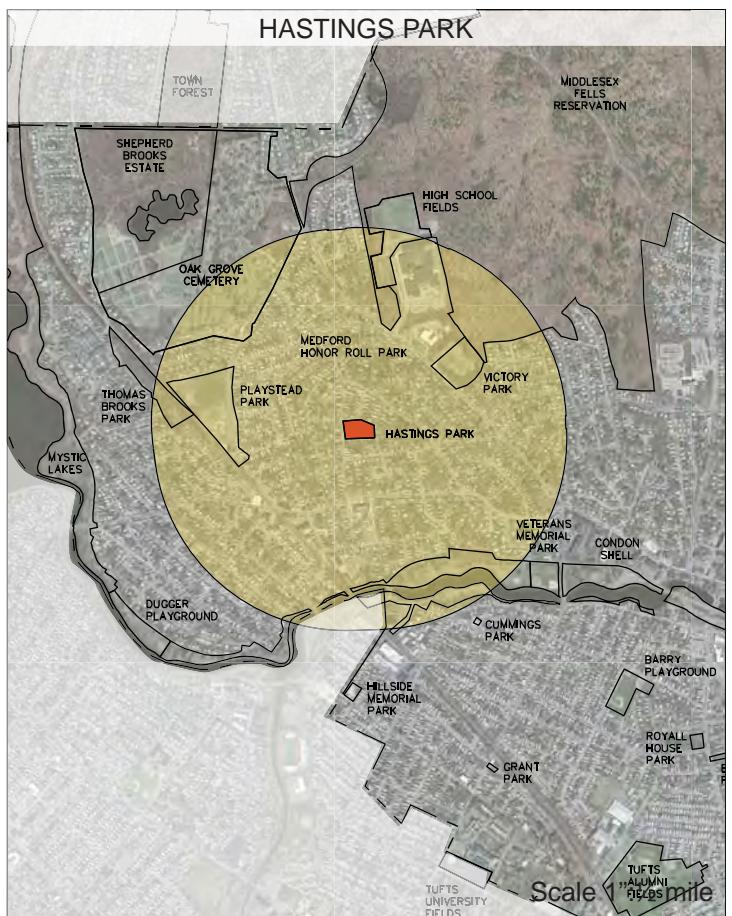
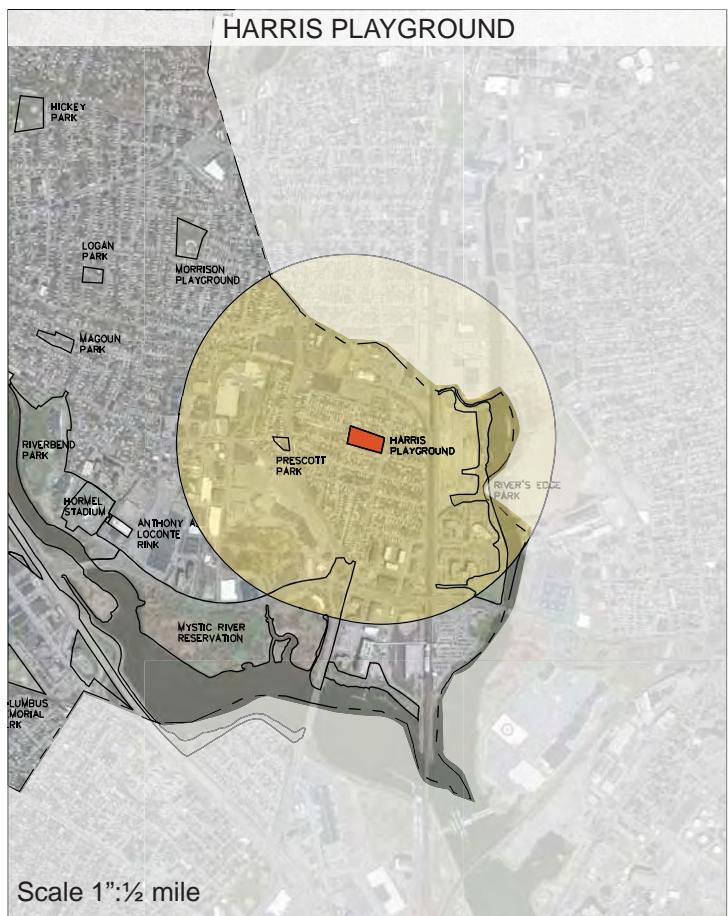
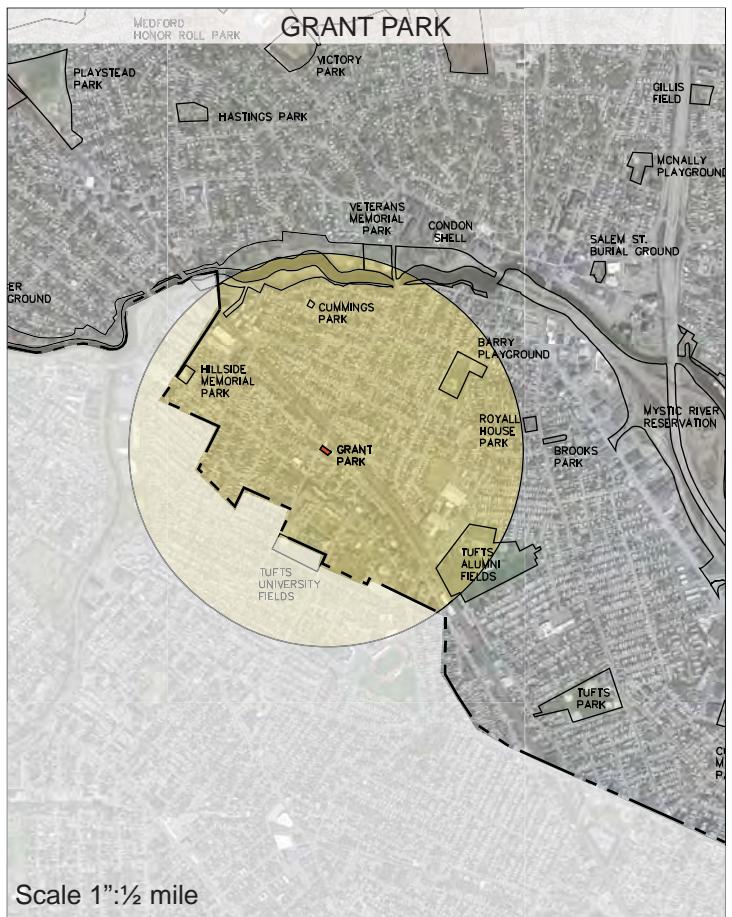
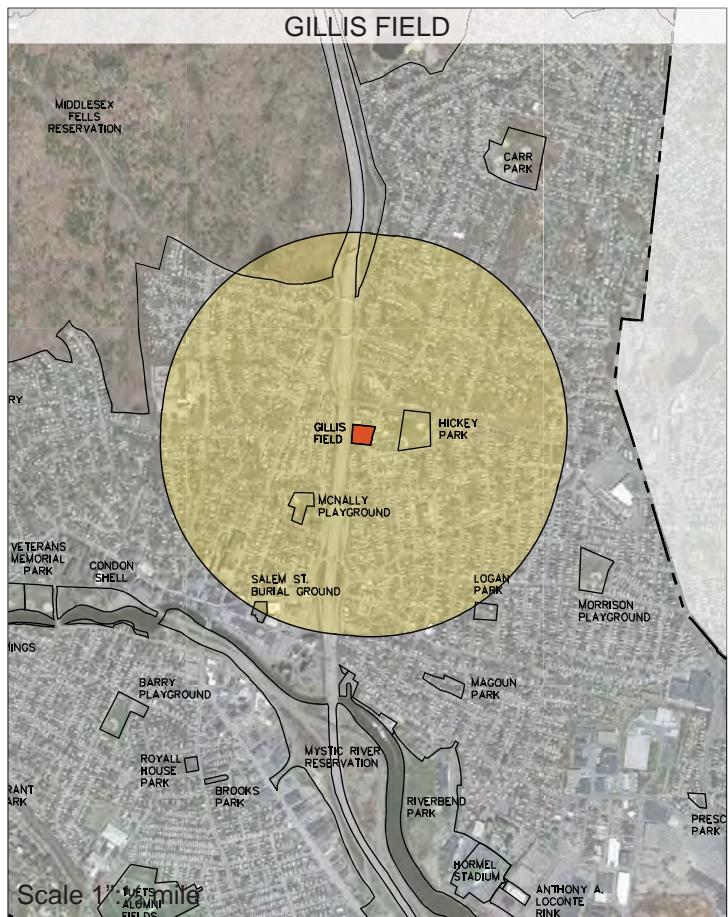
# HALF-MILE RADIUS MAPS OF MEDFORD PARKS & OPEN SPACE



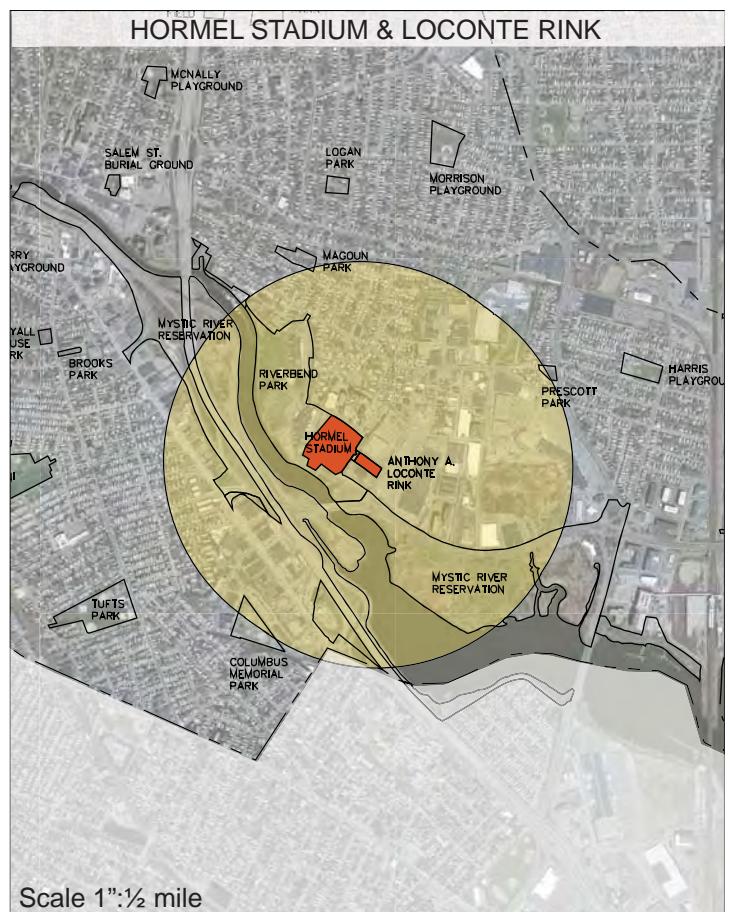
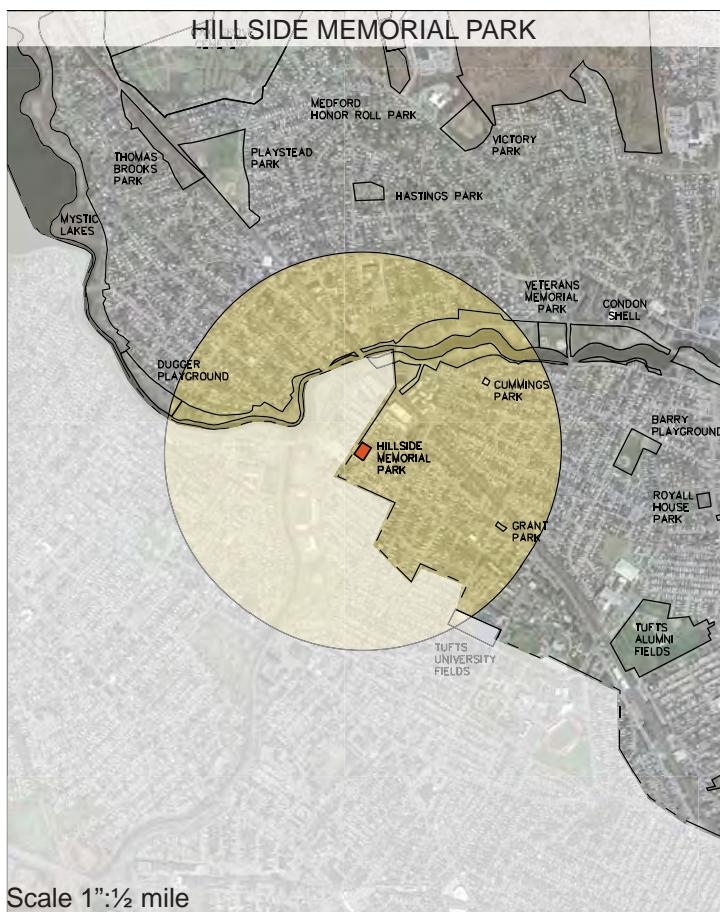
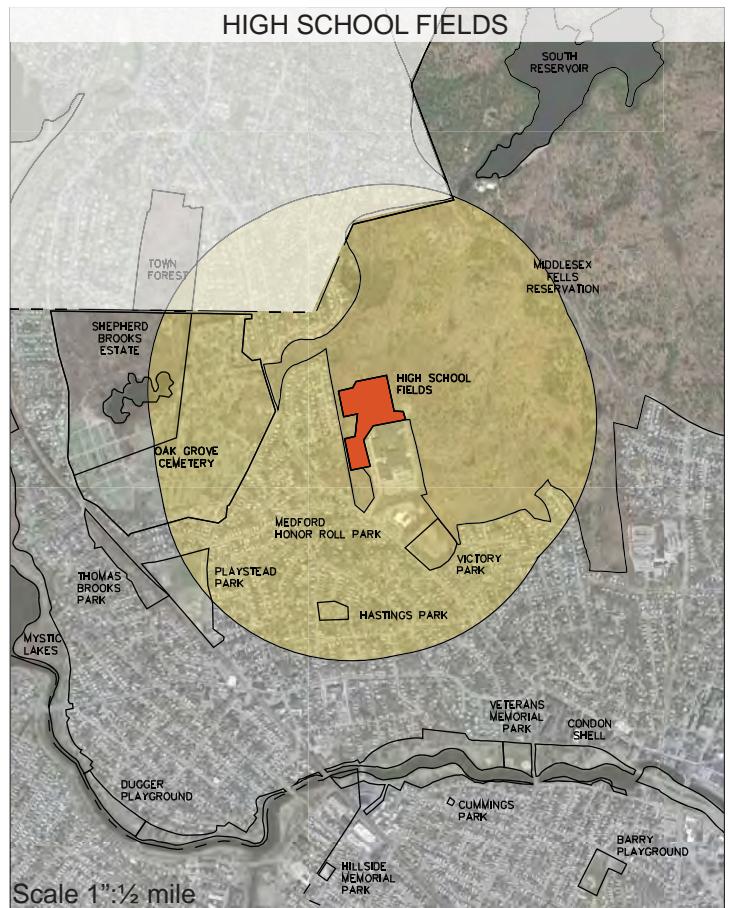
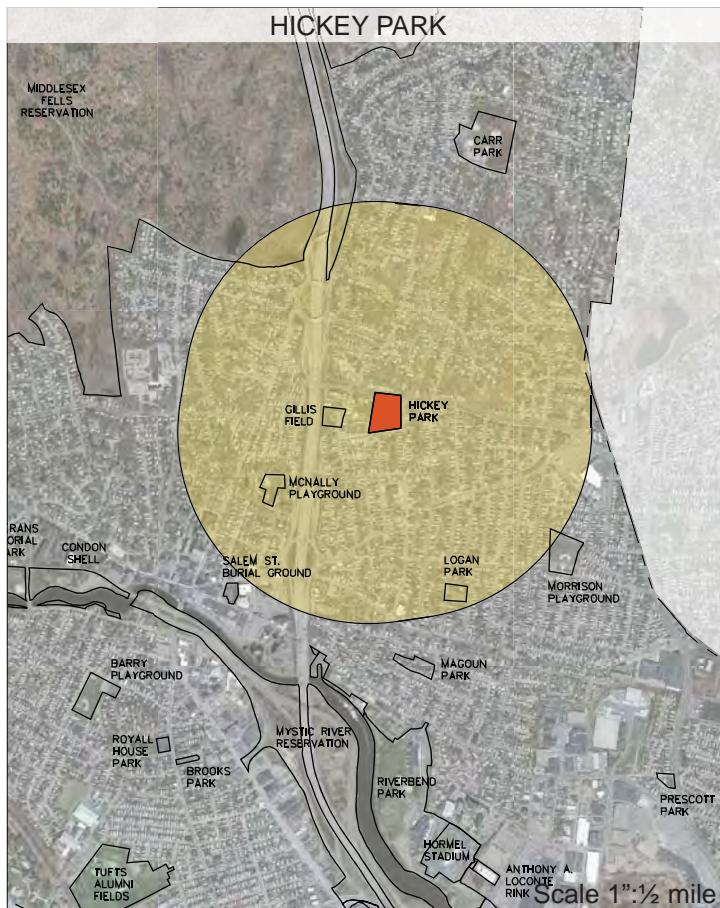
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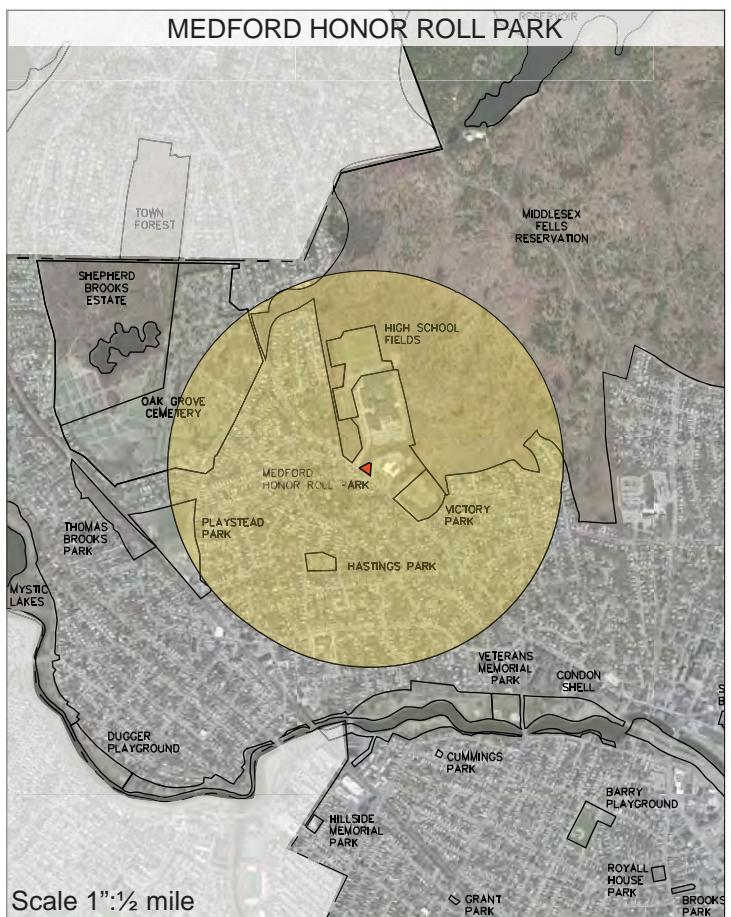
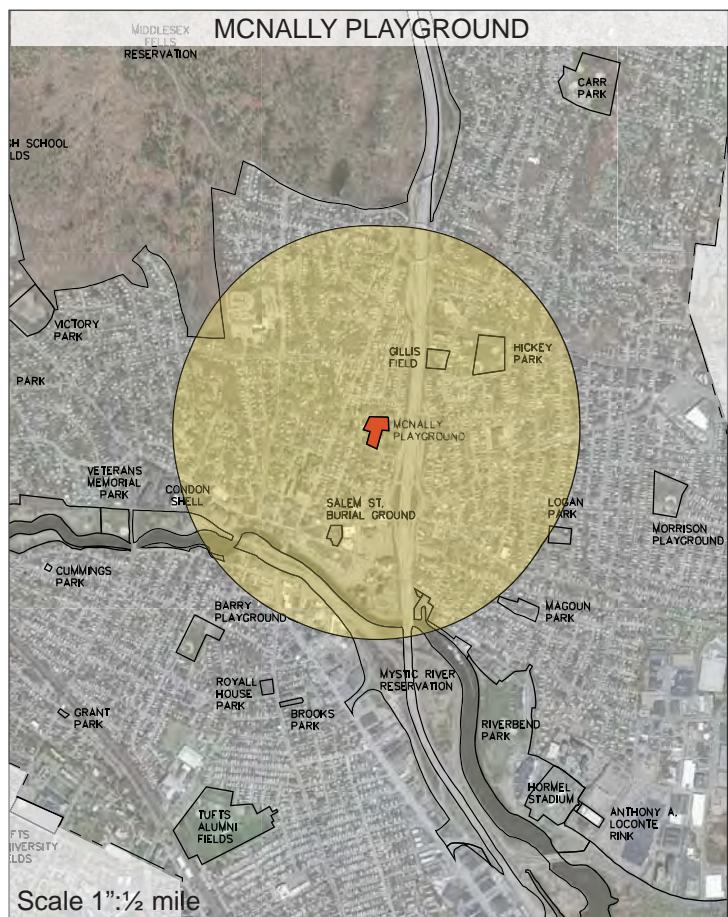
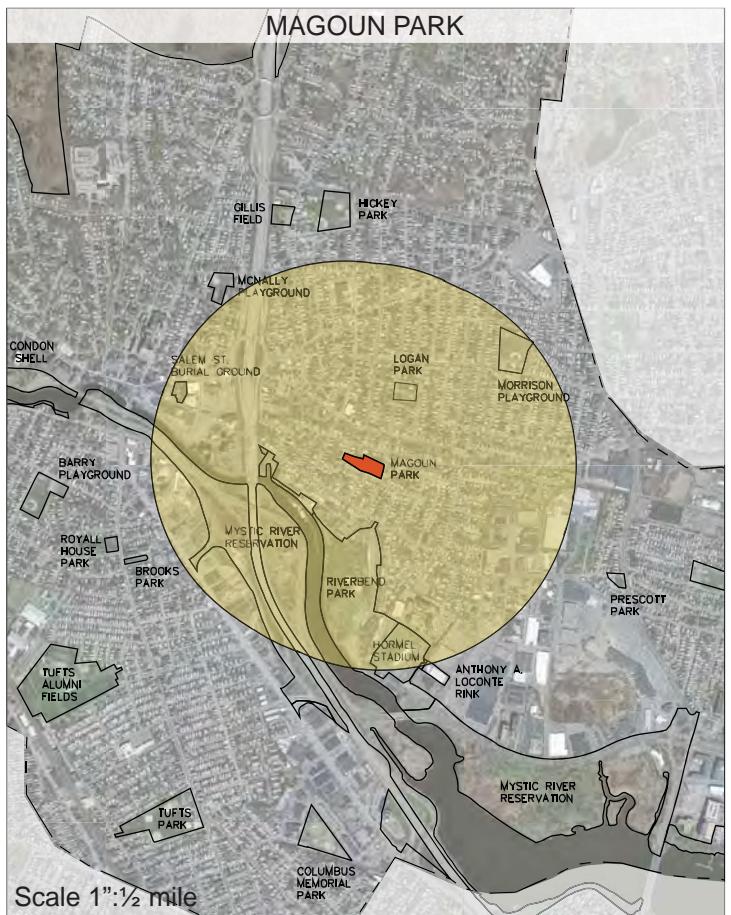
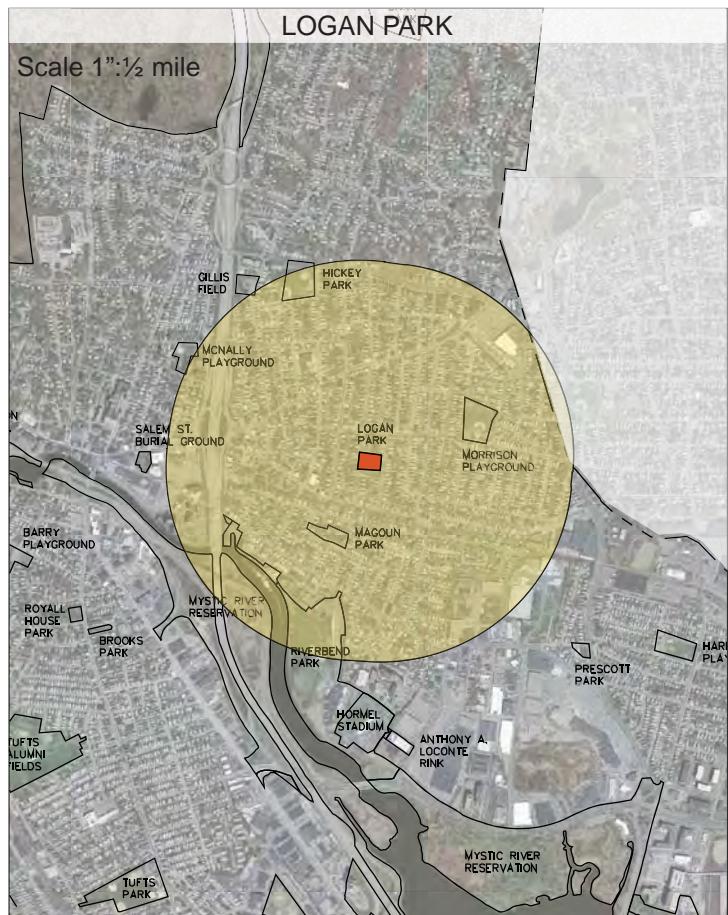
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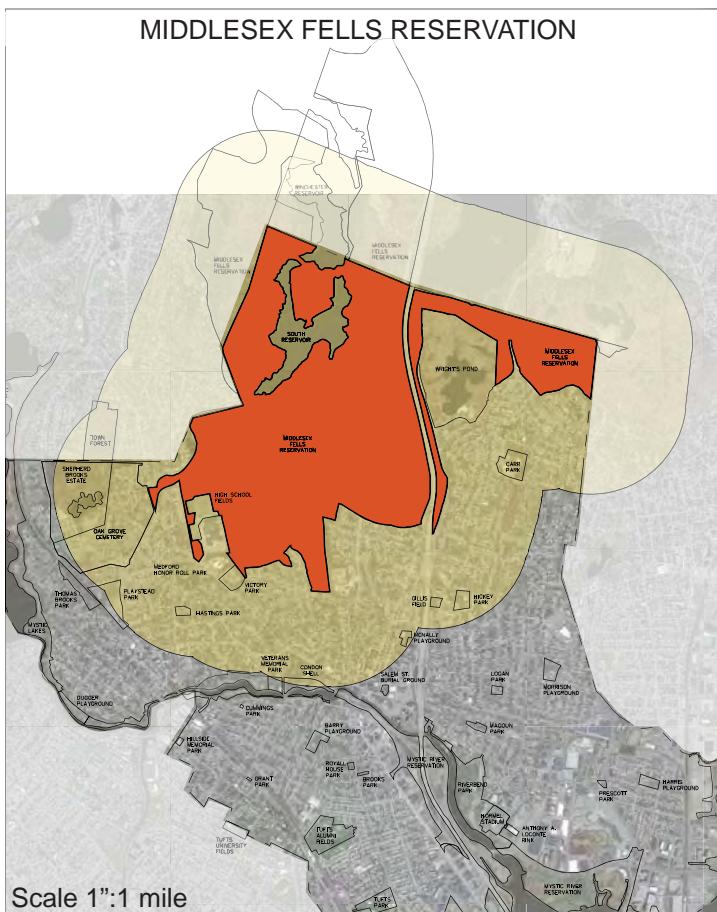


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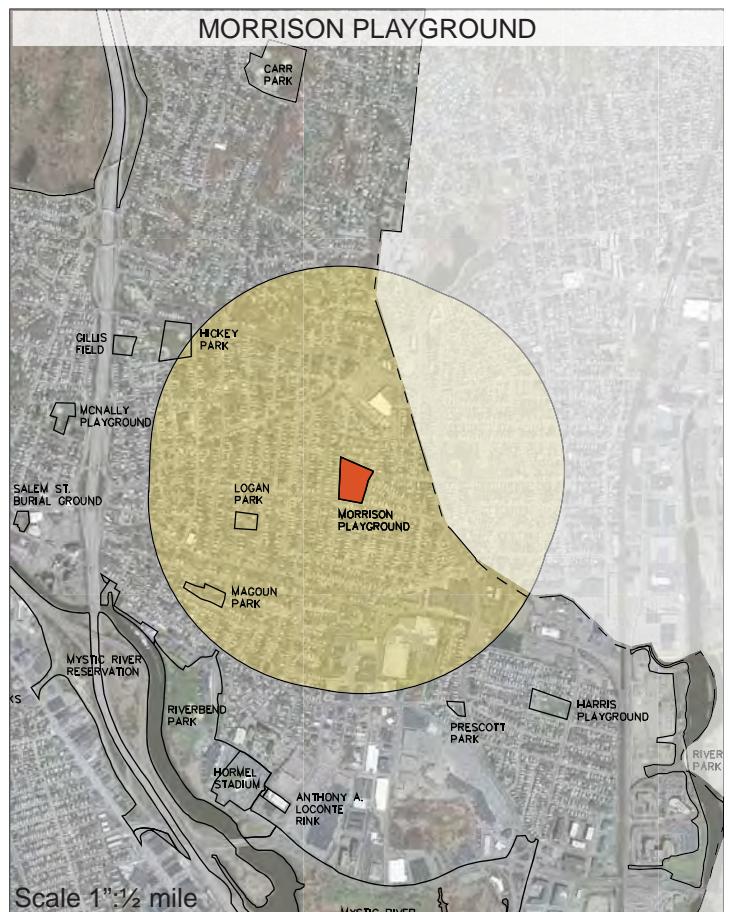
# HALF-MILE RADIUS MAPS OF MEDFORD PARKS & OPEN SPACE

MIDDLESEX FELLS RESERVATION

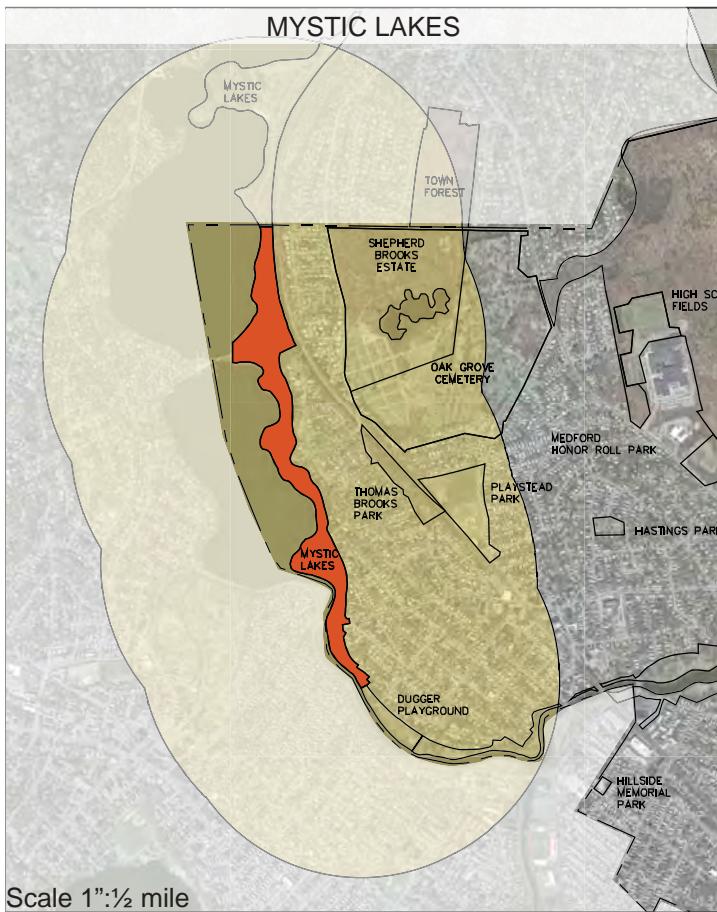


Scale 1":1 mile

MORRISON PLAYGROUND

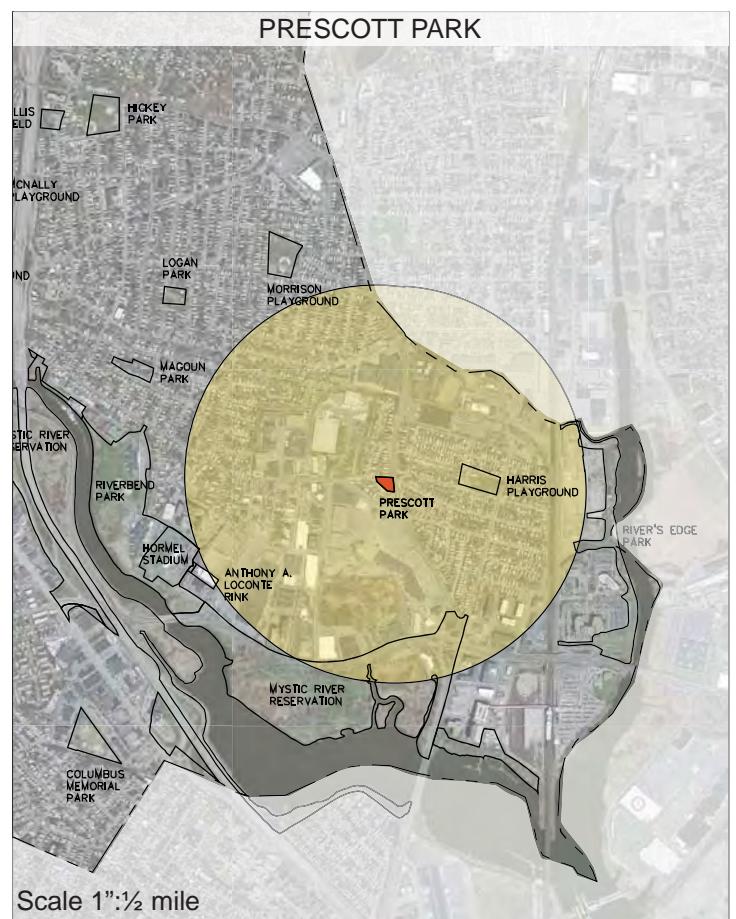
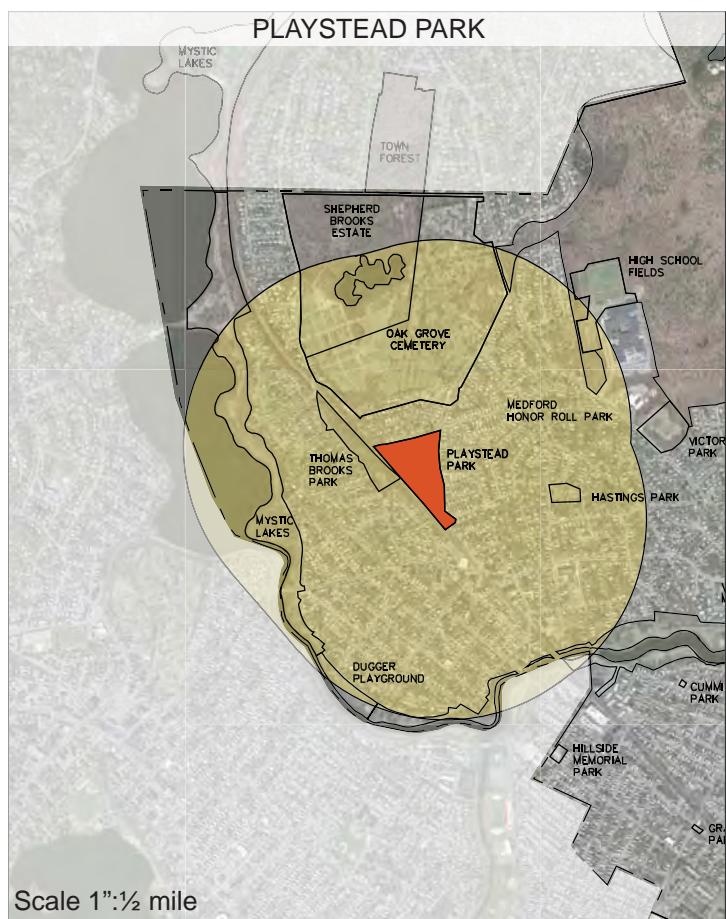
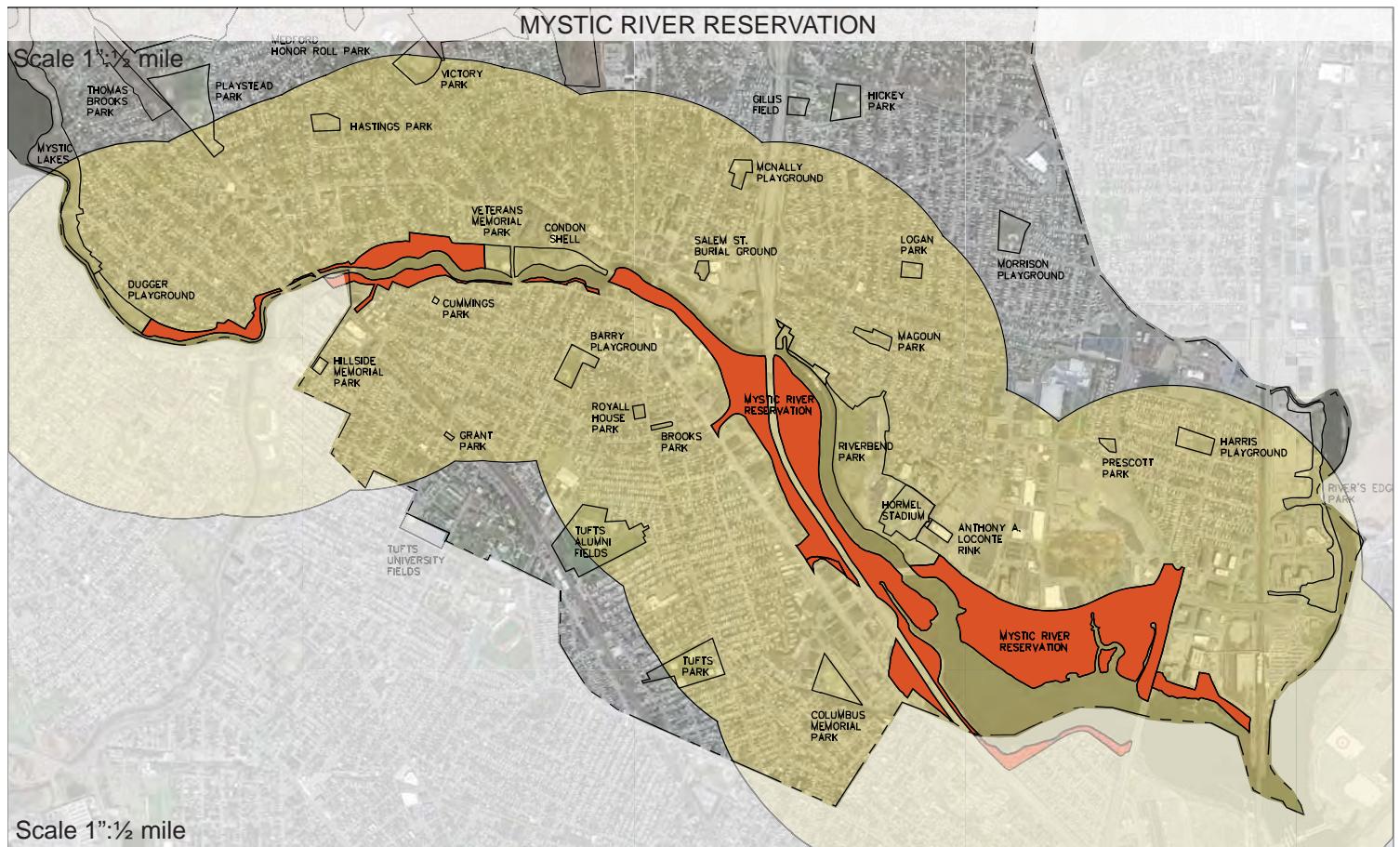


MYSTIC LAKES

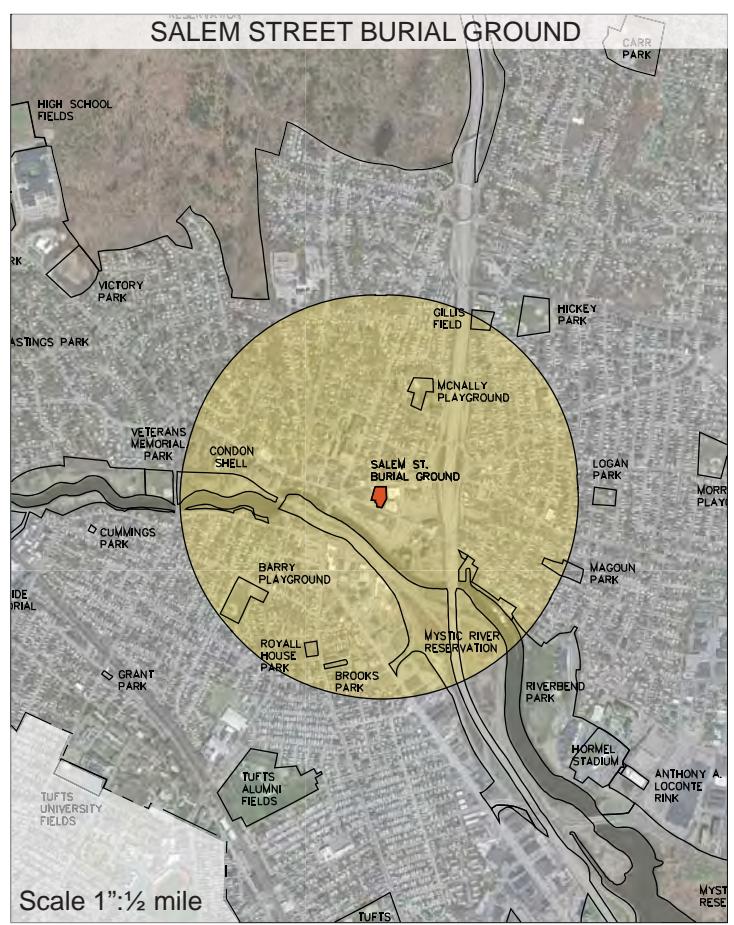
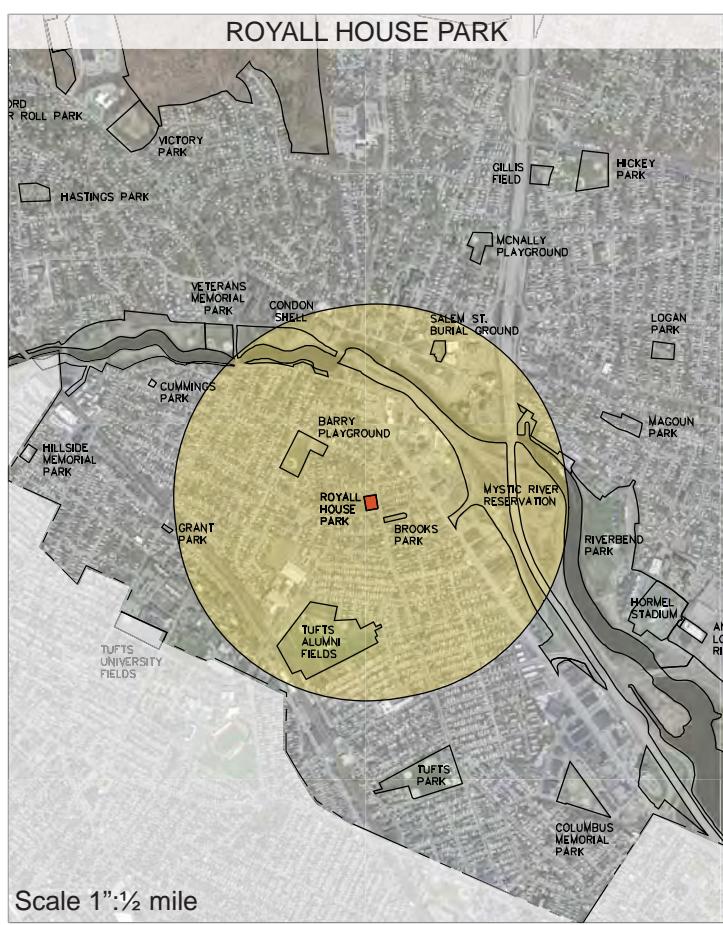
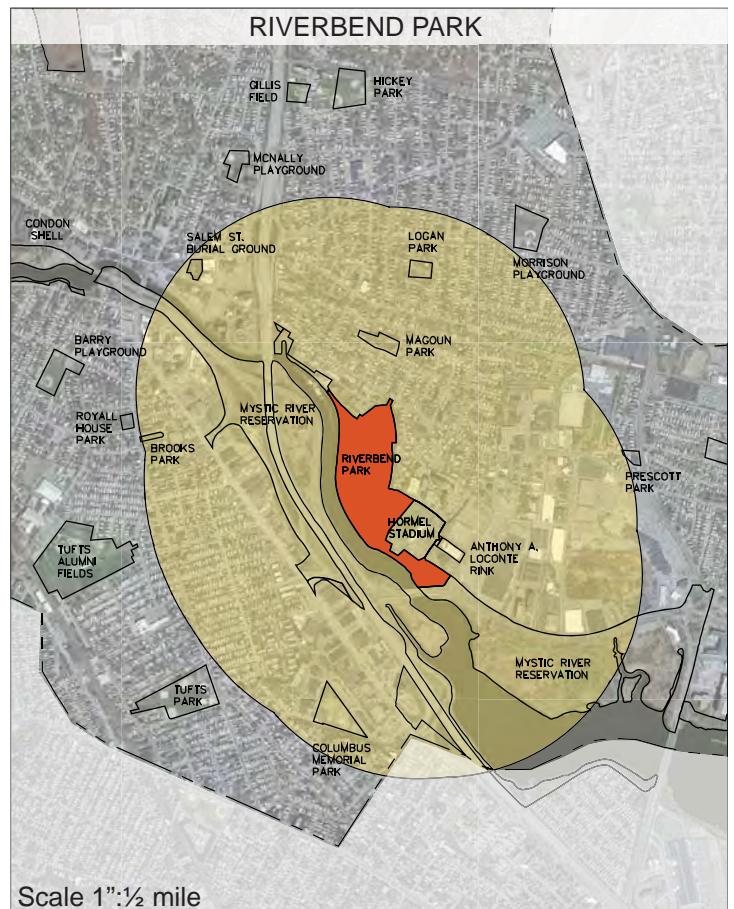
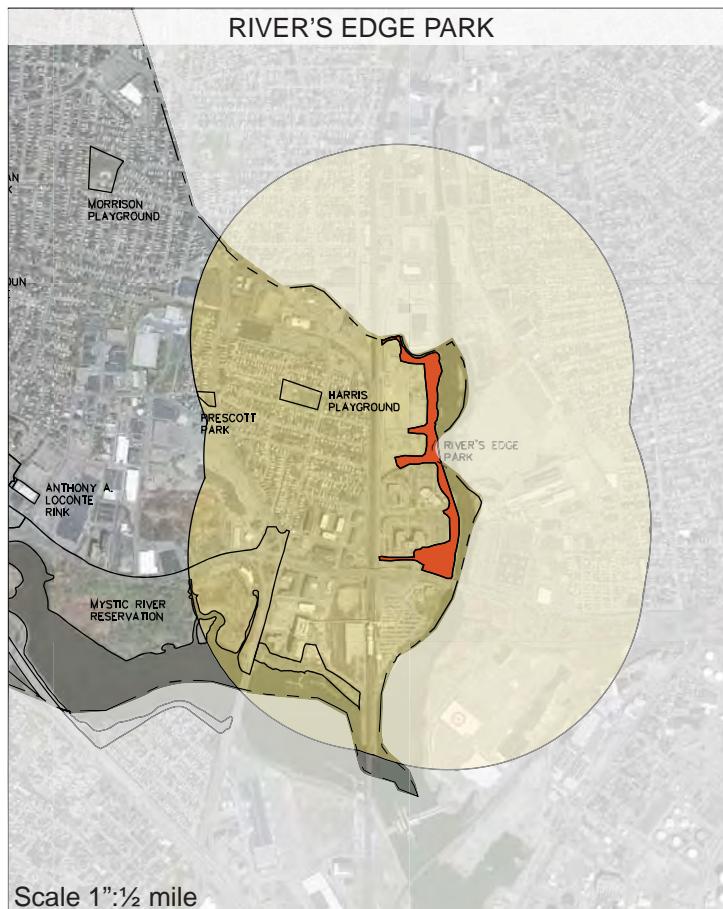


Scale 1":1/2 mile

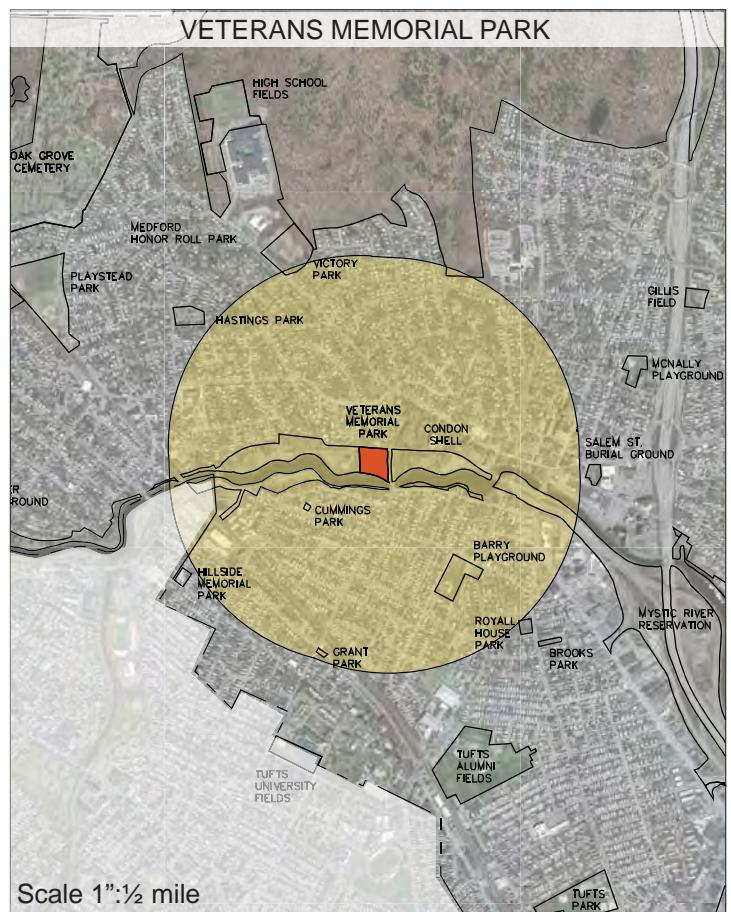
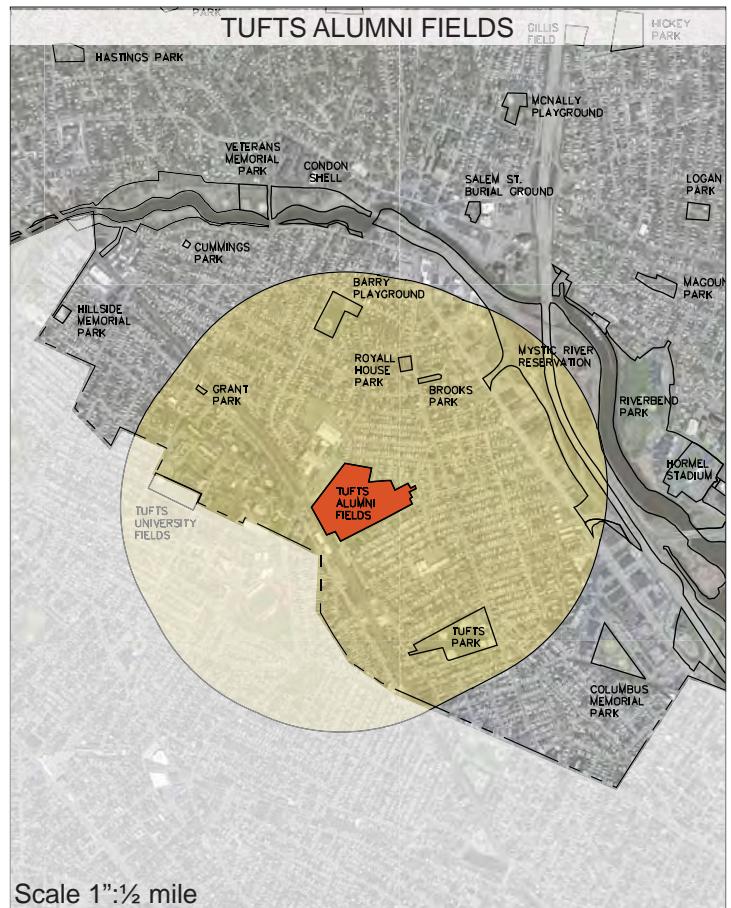
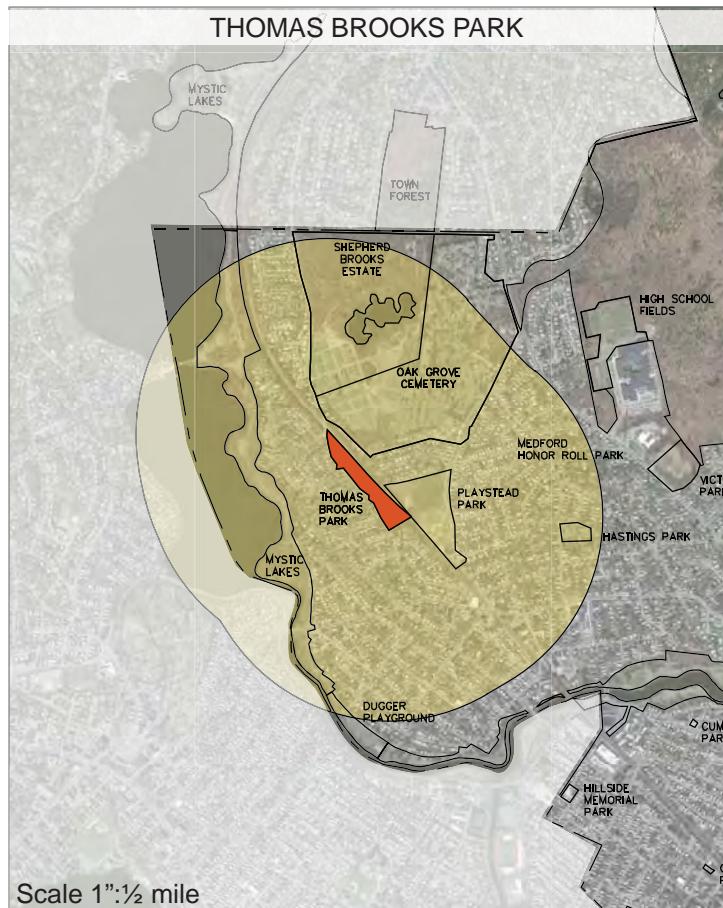
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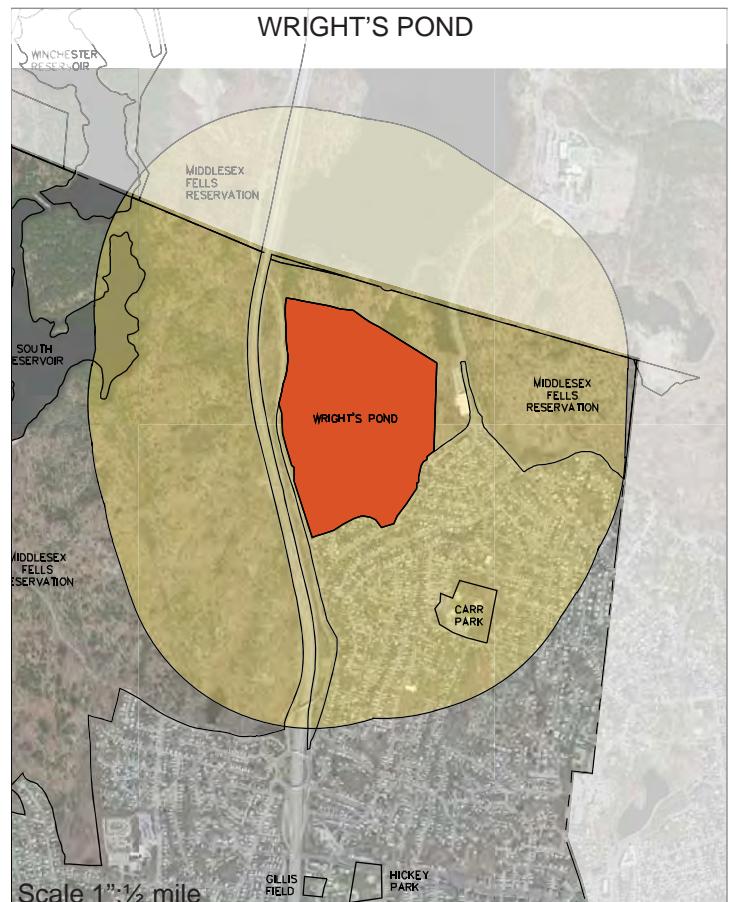
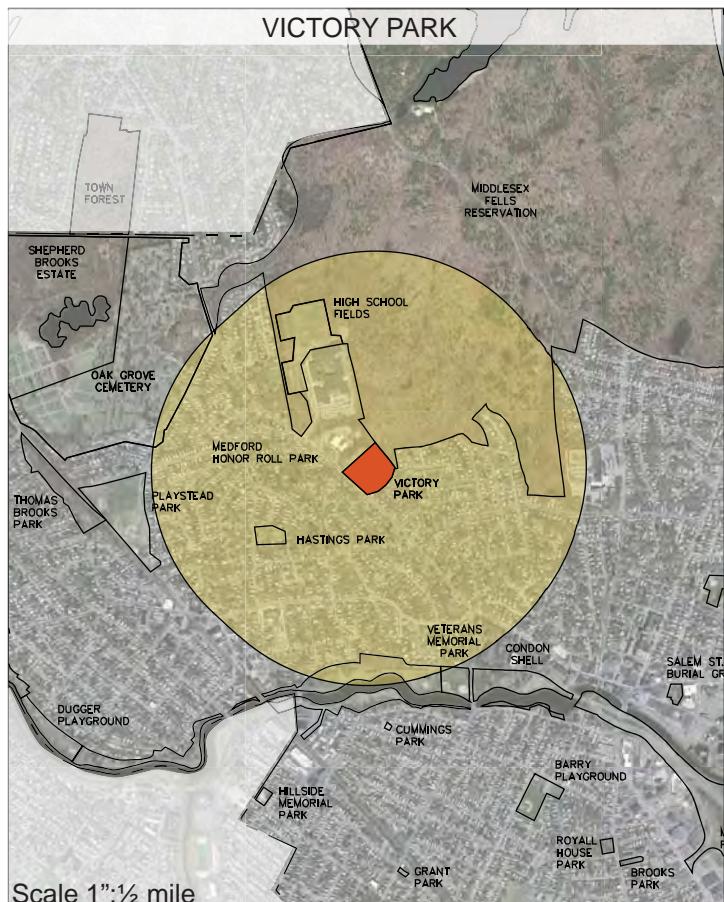
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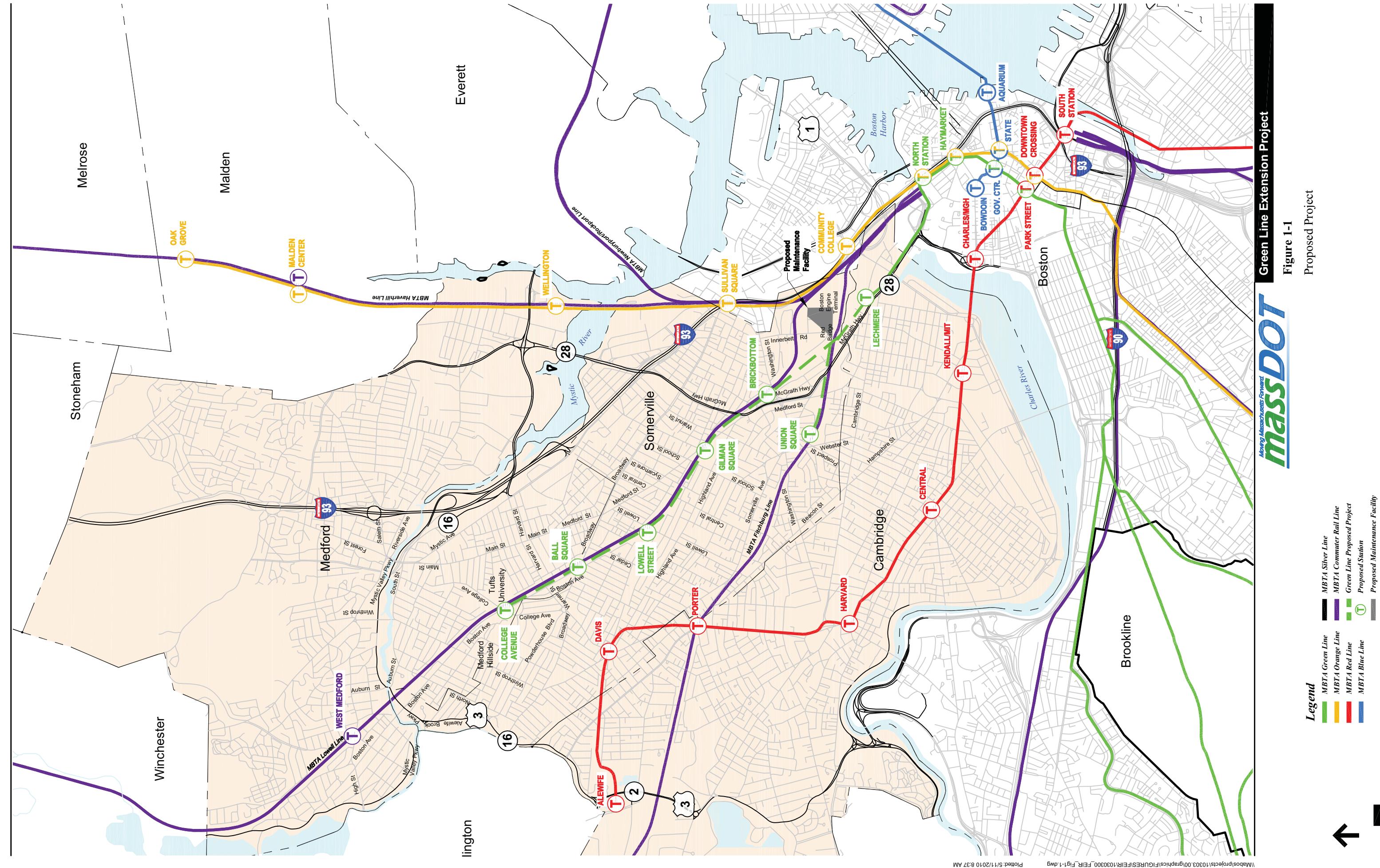


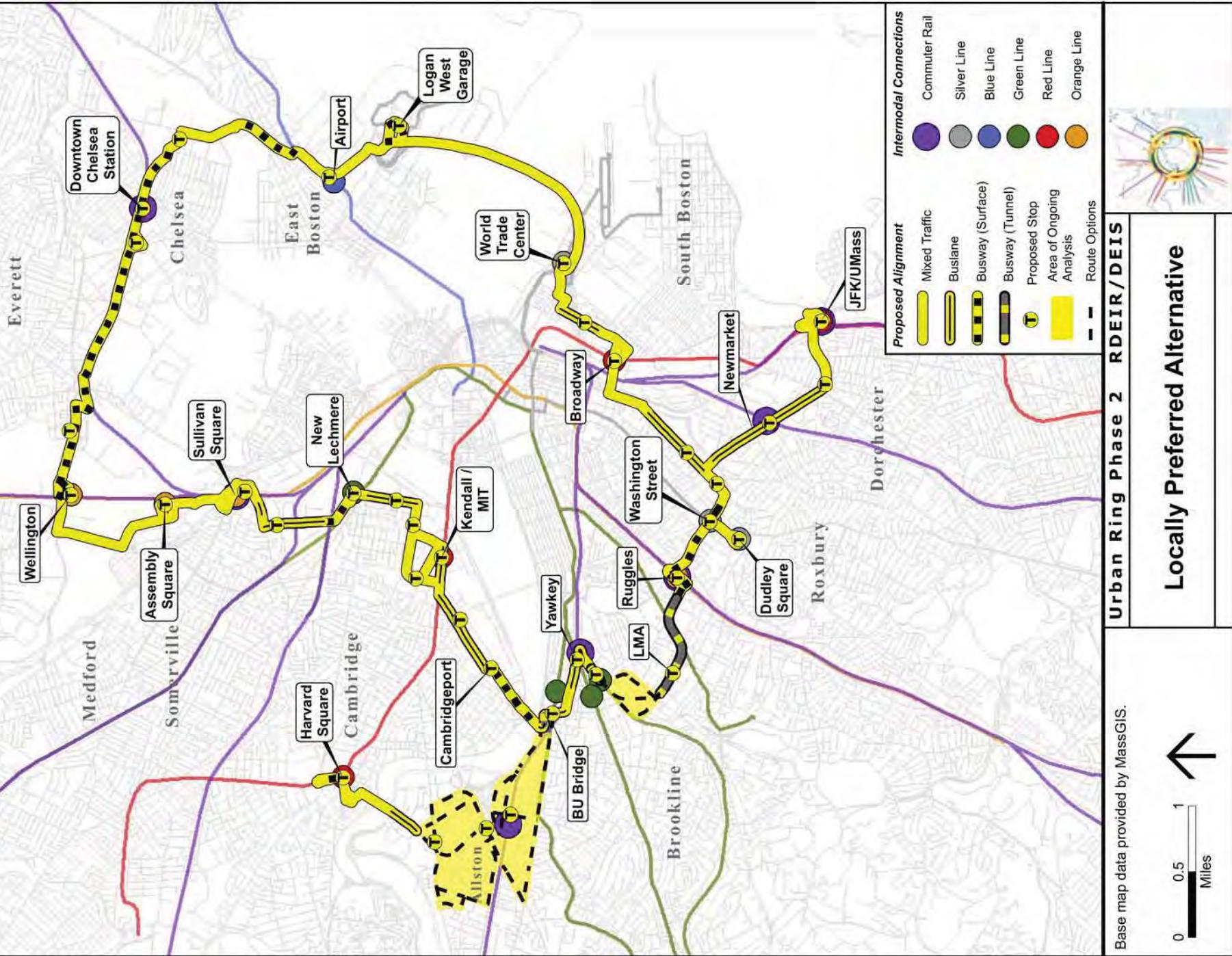
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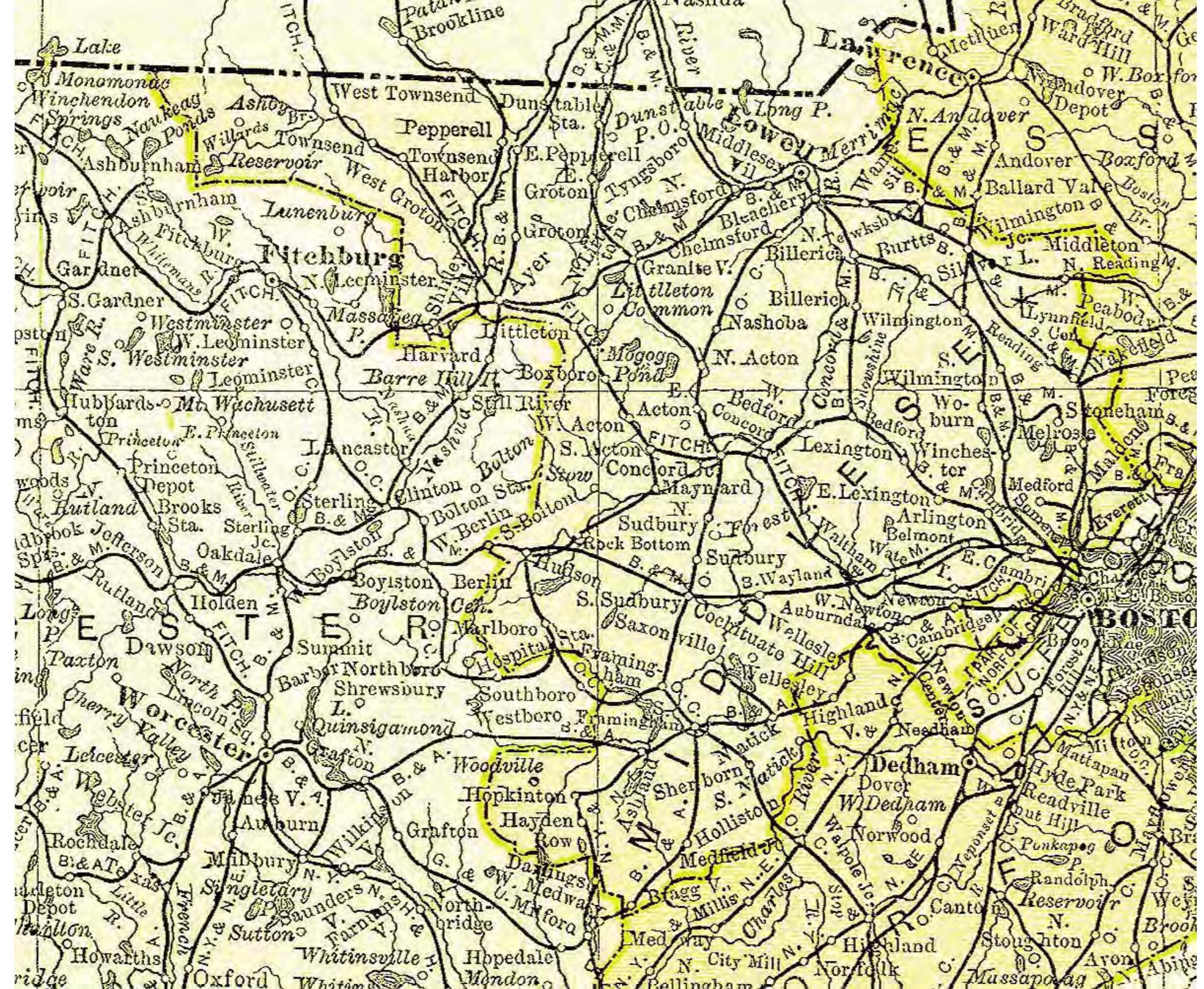


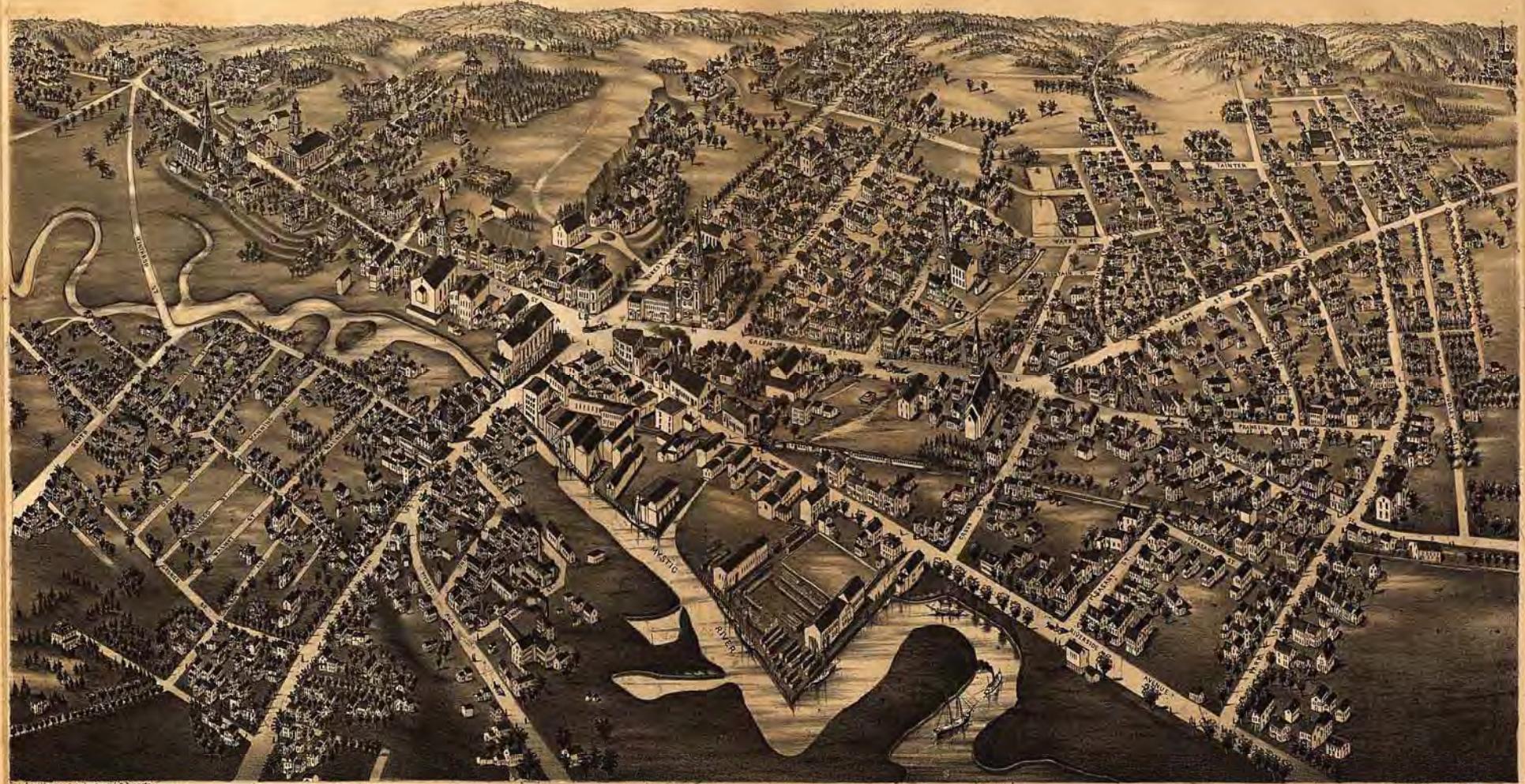
## HALF-MILE RADIUS MAPS OF MEDFORD PARKS & OPEN SPACE











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A. TOWN HALL  
B. PUBLIC LIBRARY  
C. MUSIC HALL  
D. HIGH SCHOOL  
E. EVERETT SCHOOL  
F. FRADDO'S SCHOOL  
G. CEDAR SCHOOL  
H. OSGOOD SCHOOL  
J. SWAN GRAMMAR SCHOOL  
K. UNITARIAN CHURCH

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MASSACHUSETTS.

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L. GRACE EPISCOPAL CHURCH  
M. MYSTIC CHURCH  
N. METHODIST CHURCH  
O. BAPTIST CHURCH  
P. FRIENDS' CHURCH  
Q. ST. MARY'S CATHOLIC CHURCH  
R. ST. JOSEPH'S  
S. B. & M. R. R. STATION  
T. INDUSTRIAL SCHOOLS  
U. POST OFFICE  
V. CUMMING'S SCHOOL

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