

Key Economic Indicators



Working Group Meeting #2

| Category | Average 2009-2013 |
|---------------------------|-------------------|
| Population | 4,066 |
| Labor Force | 1,336 |
| Unemployment | 25% |
| Jobs (2014 Only) | 13,930 |
| Median Home Value | \$176,400 |
| Median Rent (Monthly) | \$1,339 |
| Lease Rates (per sq. ft.) | \$12.64 |



- Springfield is connected economically to its surrounding cities and towns.
- Springfield, and the study area, serve as an employment center for the Pioneer Valley.
- Evidence for this interconnection is seen in through the surrounding community agreements with MGM.

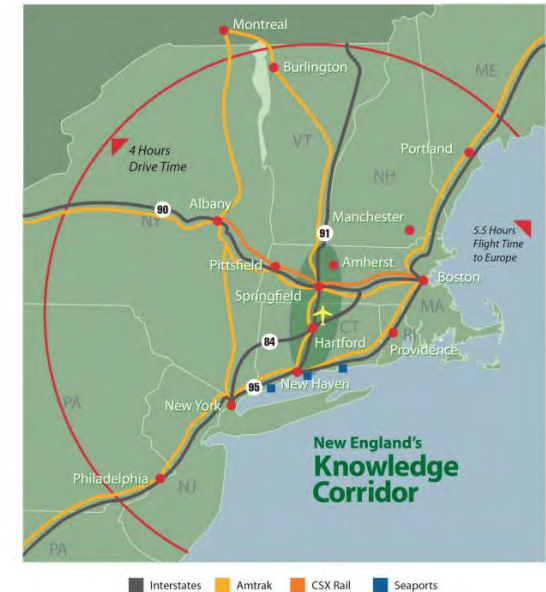
| Springfield Casino | Official Status | Geographic Location |
|--------------------------|-----------------|-------------------------|
| Town of Agawam | Surrounding | Bordering |
| City of Chicopee | Surrounding | Bordering |
| Town of East Longmeadow | Surrounding | Bordering |
| Town of Longmeadow | Surrounding | Bordering |
| Town of Ludlow | Surrounding | Bordering |
| Town of West Springfield | Surrounding | Bordering |
| Town of Wilbraham | Surrounding | Bordering |
| City of Holyoke | Surrounding | Does not border, nearby |

MACBROOM

Regional Economic Structure



Working Group Meeting #2



MILONE & MACBROOM



Housing Characteristics



Working Group Meeting #2

| Value | 2009-2013 |
|-----------------------------------|------------|
| Less than \$50,000 | 22 |
| \$50,000 to \$99,999 | 69 |
| \$100,000 to \$149,999 | 69 |
| \$150,000 to \$199,999 | 0 |
| \$200,000 to \$299,999 | 0 |
| \$300,000 to \$499,999 | 0 |
| \$500,000 to \$999,999 | 21 |
| \$1,000,000 or more | 0 |
| Total owner-occupied units | 181 |
| | |
| Median value (nominal dollars) | \$176,400 |

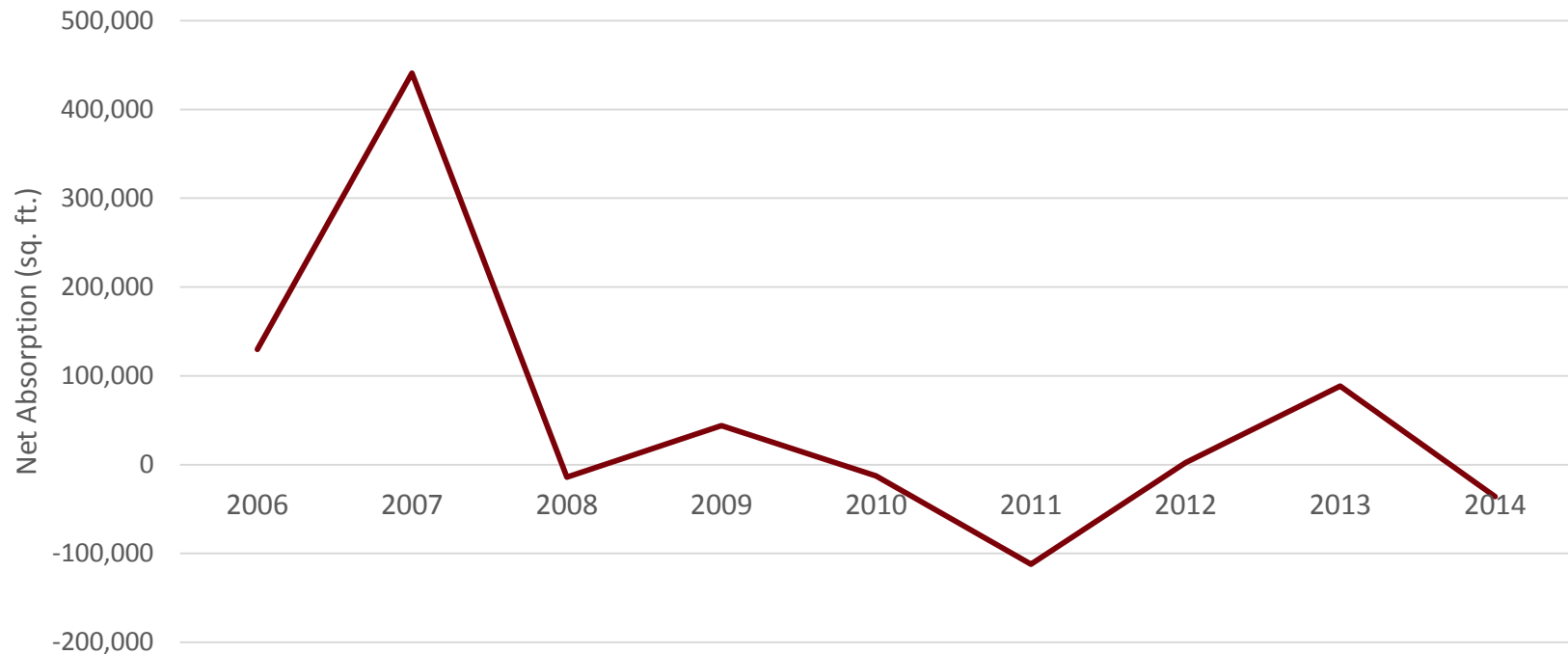
| Gross Rent | 2009-2013 |
|-------------------------------|--------------|
| Less than \$200 | 139 |
| \$200 to \$299 | 293 |
| \$300 to \$499 | 350 |
| \$500 to \$749 | 324 |
| \$750 to \$999 | 481 |
| \$1,000 to \$1,499 | 208 |
| \$1,500 or more | 36 |
| Units with no rent paid | 45 |
| Total rented units | 1,876 |
| | |
| Median rent (nominal dollars) | \$1,339 |



Net Absorption Office & Retail Space



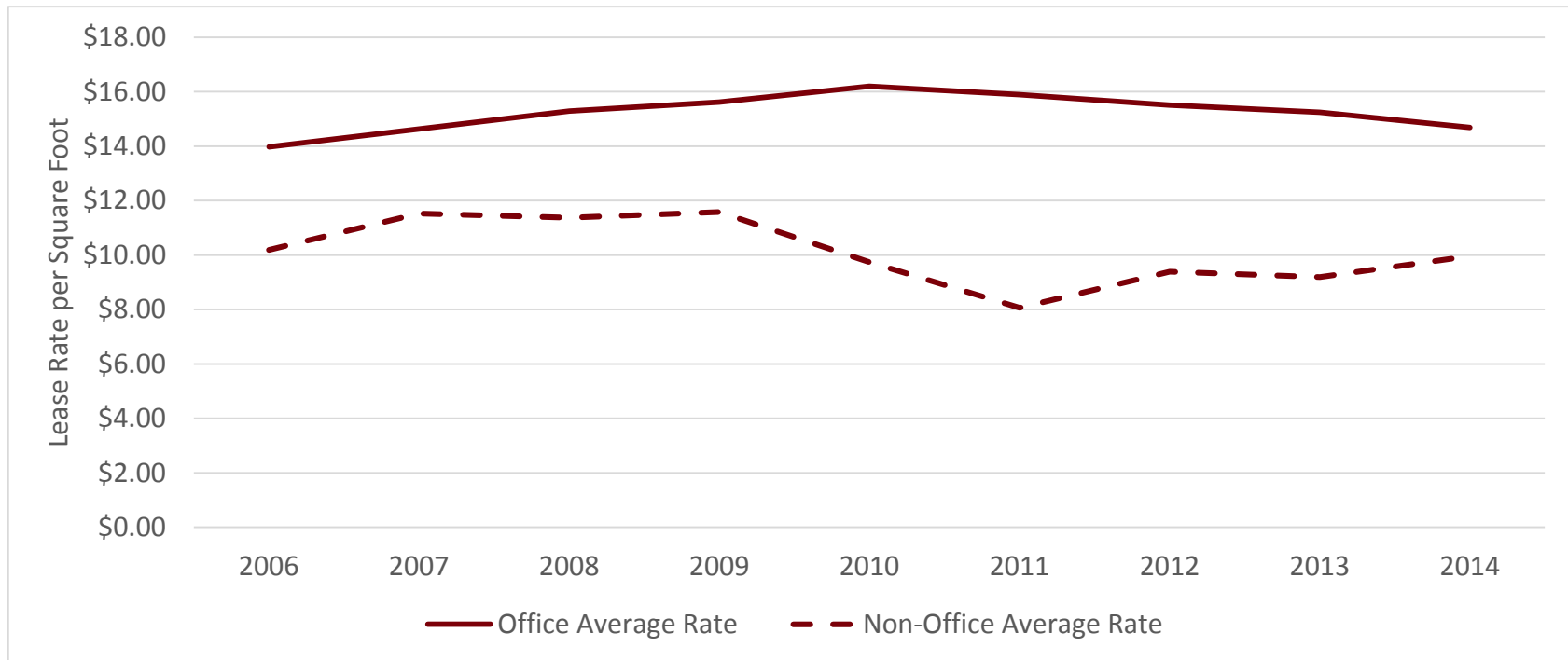
Working Group Meeting #2



Lease Rates



Working Group Meeting #2



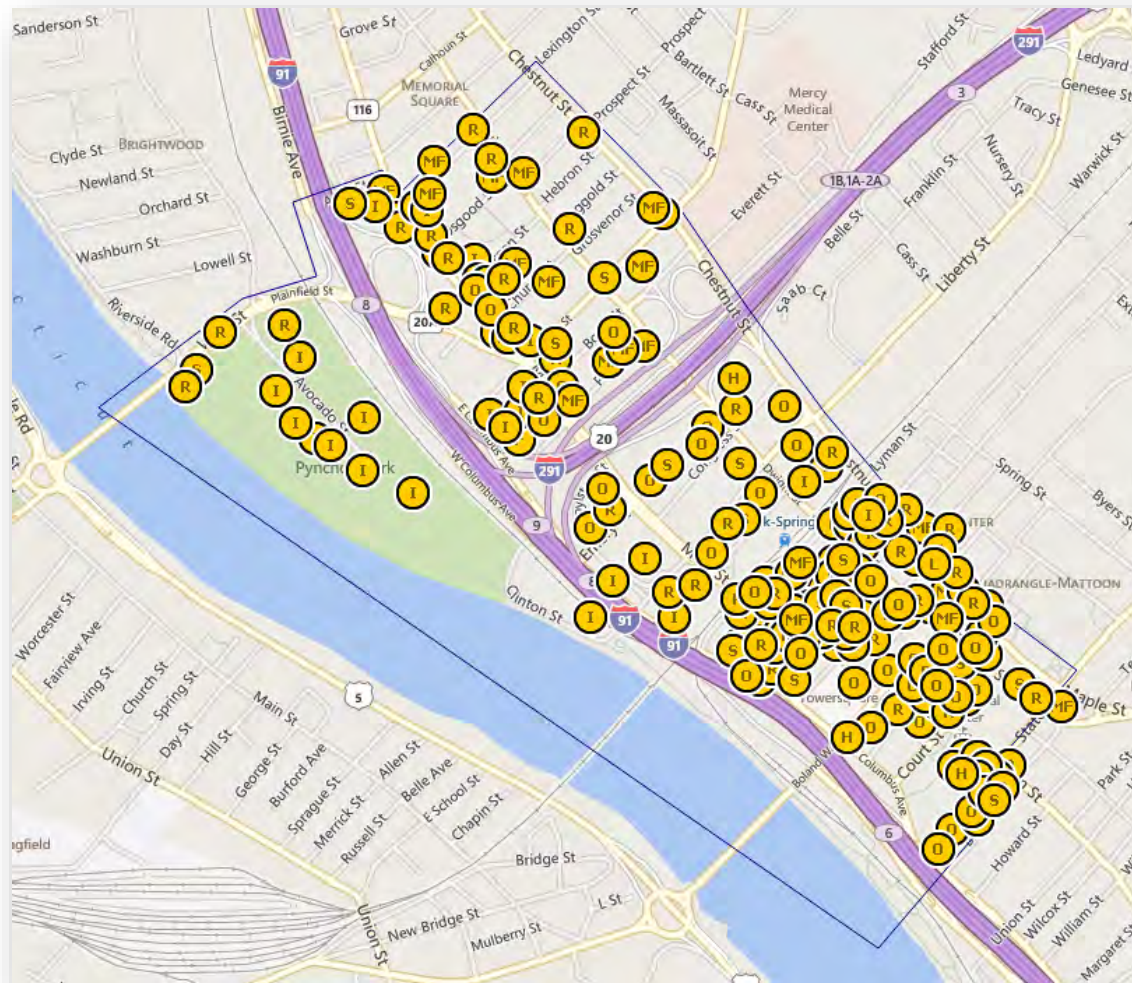
MILONE &
MACBROOM



Commercial Properties



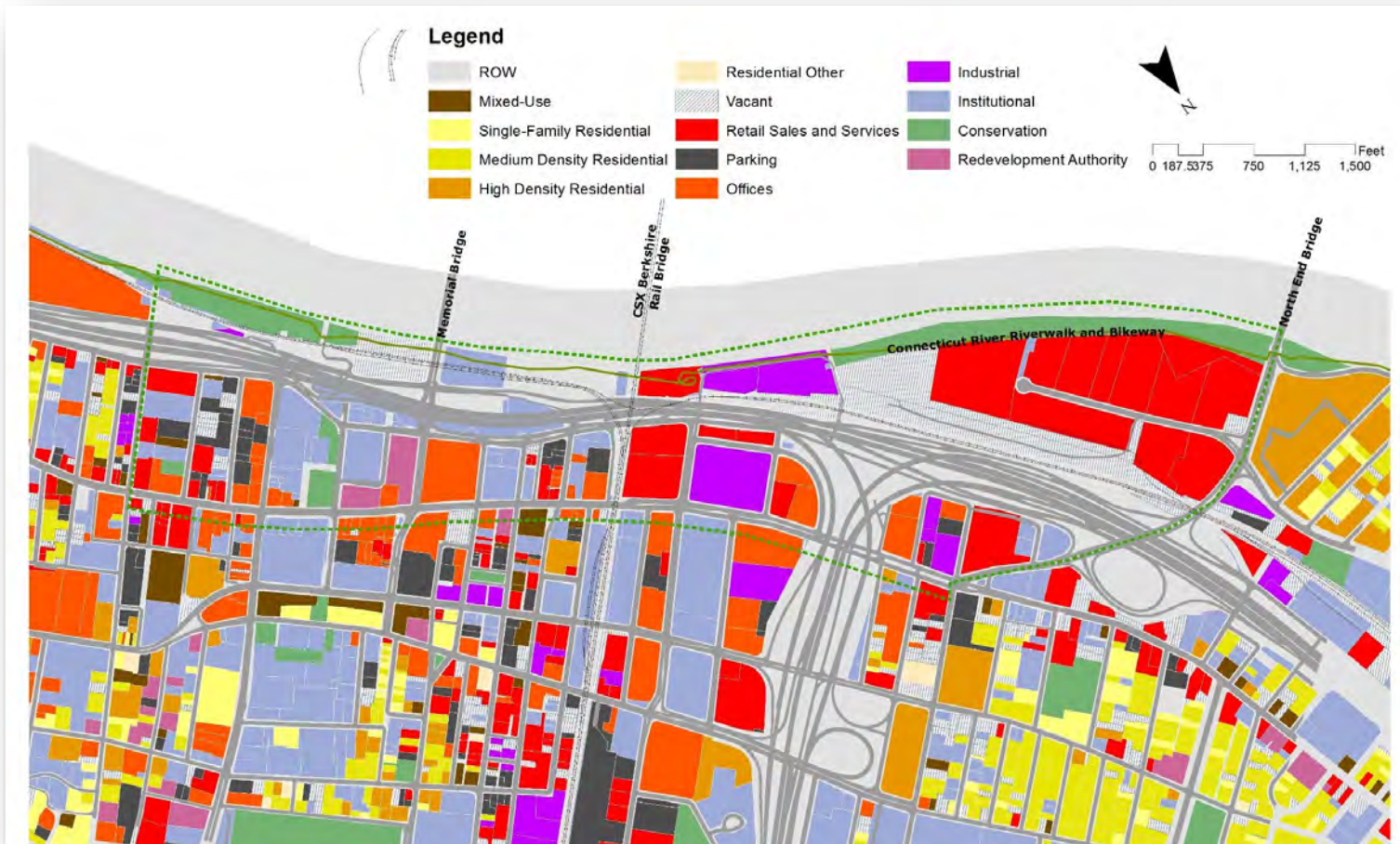
Working Group Meeting #2



Existing Land Use



Working Group Meeting #2



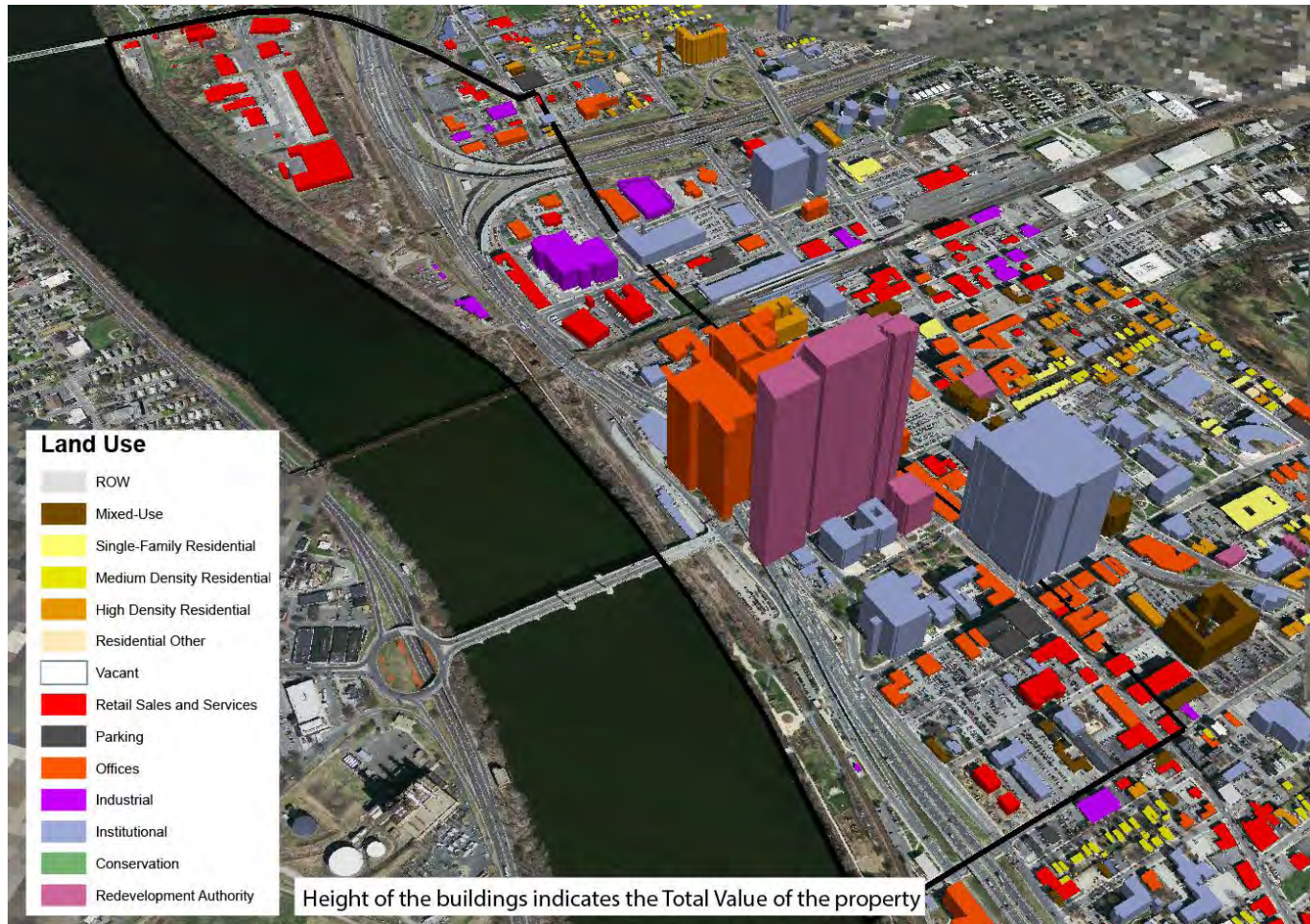
MILONE & MACBROOM



Property Values by Land Use



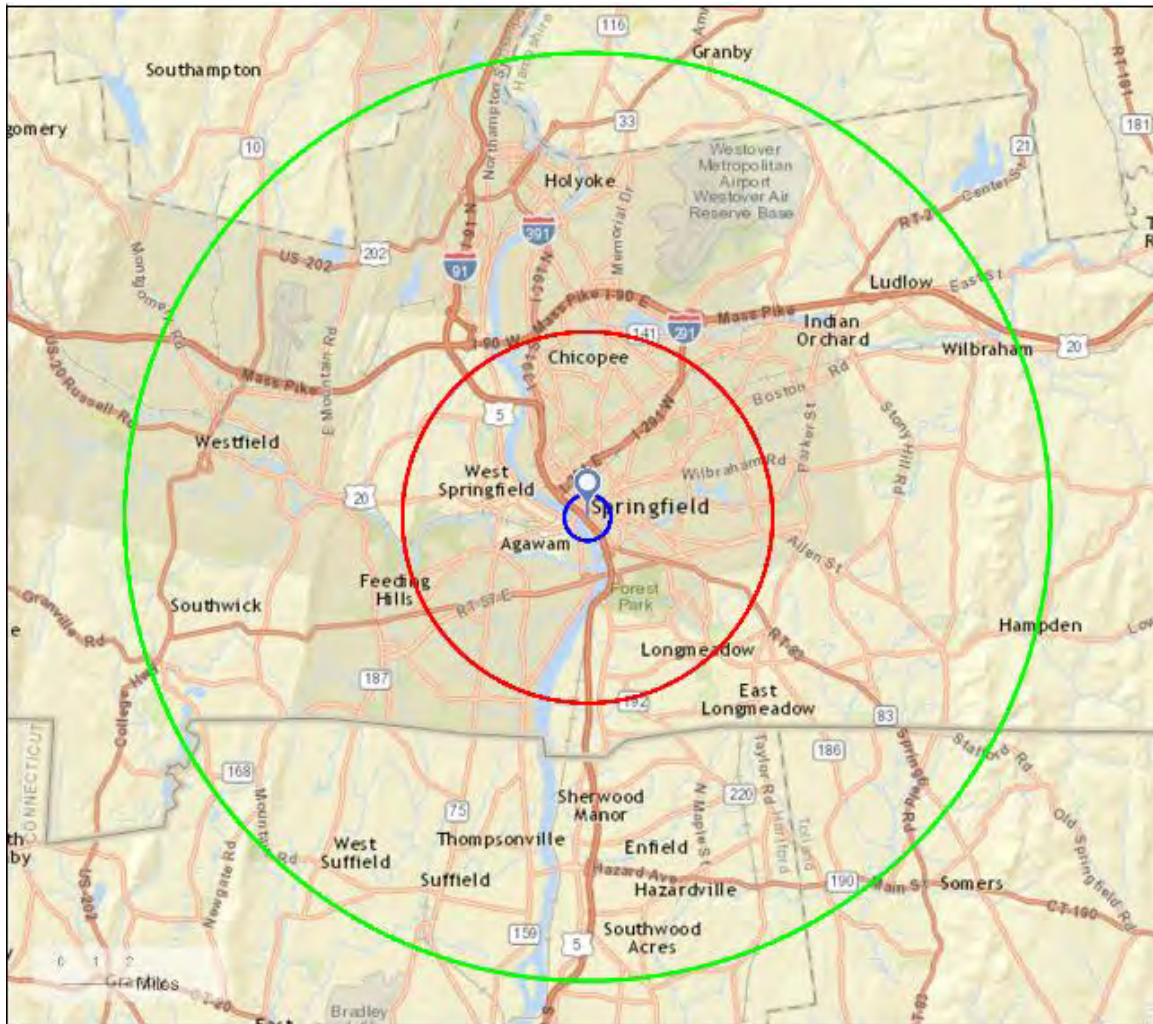
Working Group Meeting #2



Tapestry Analysis Areas



Working Group Meeting #2

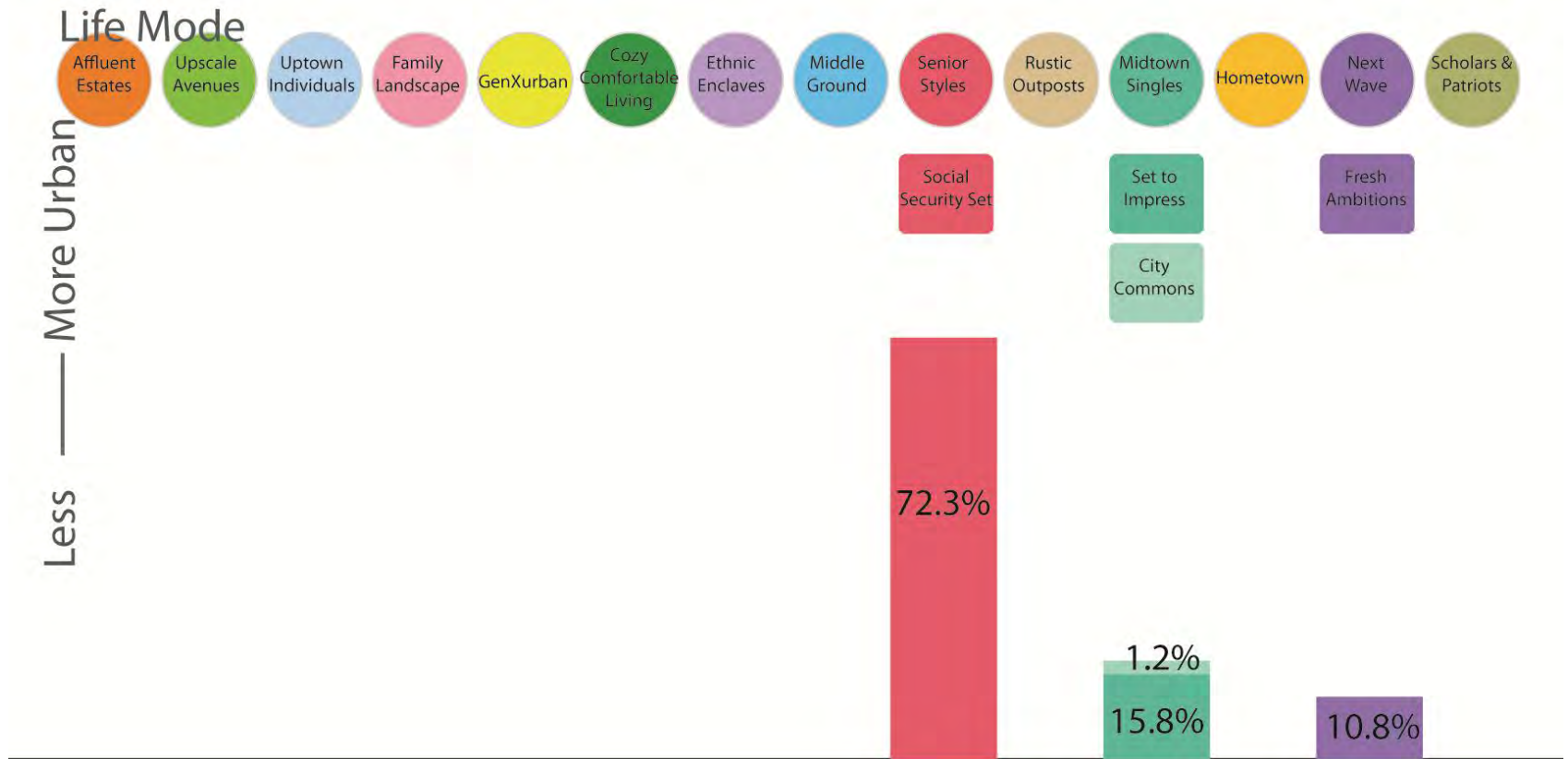


Residential Tapestry

1/2 Mile Radius



Working Group Meeting #2



MILONE & MACBROOM

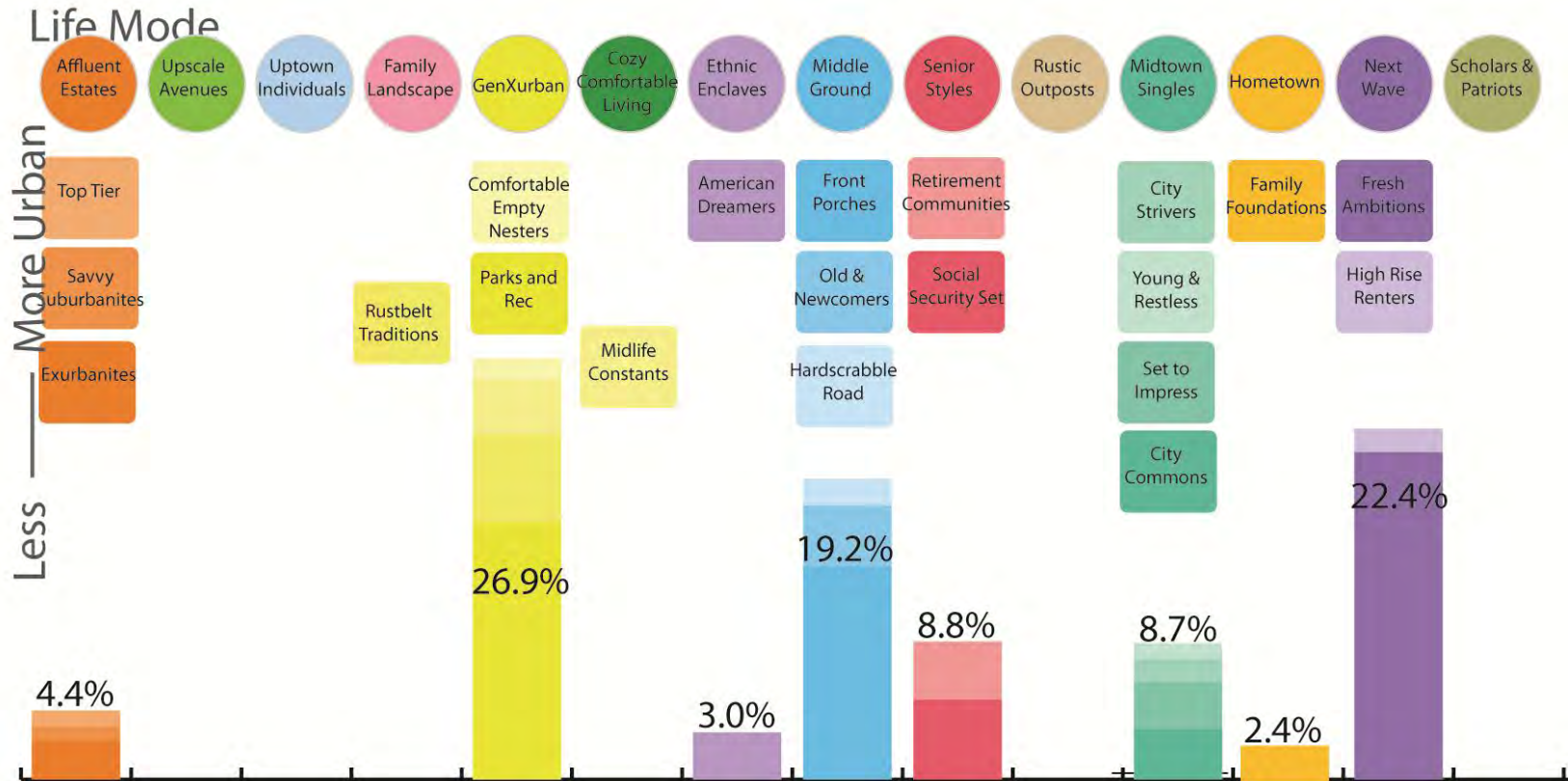


Residential Tapestry

4 Mile Radius



Working Group Meeting #2



MILONE & MACBROOM

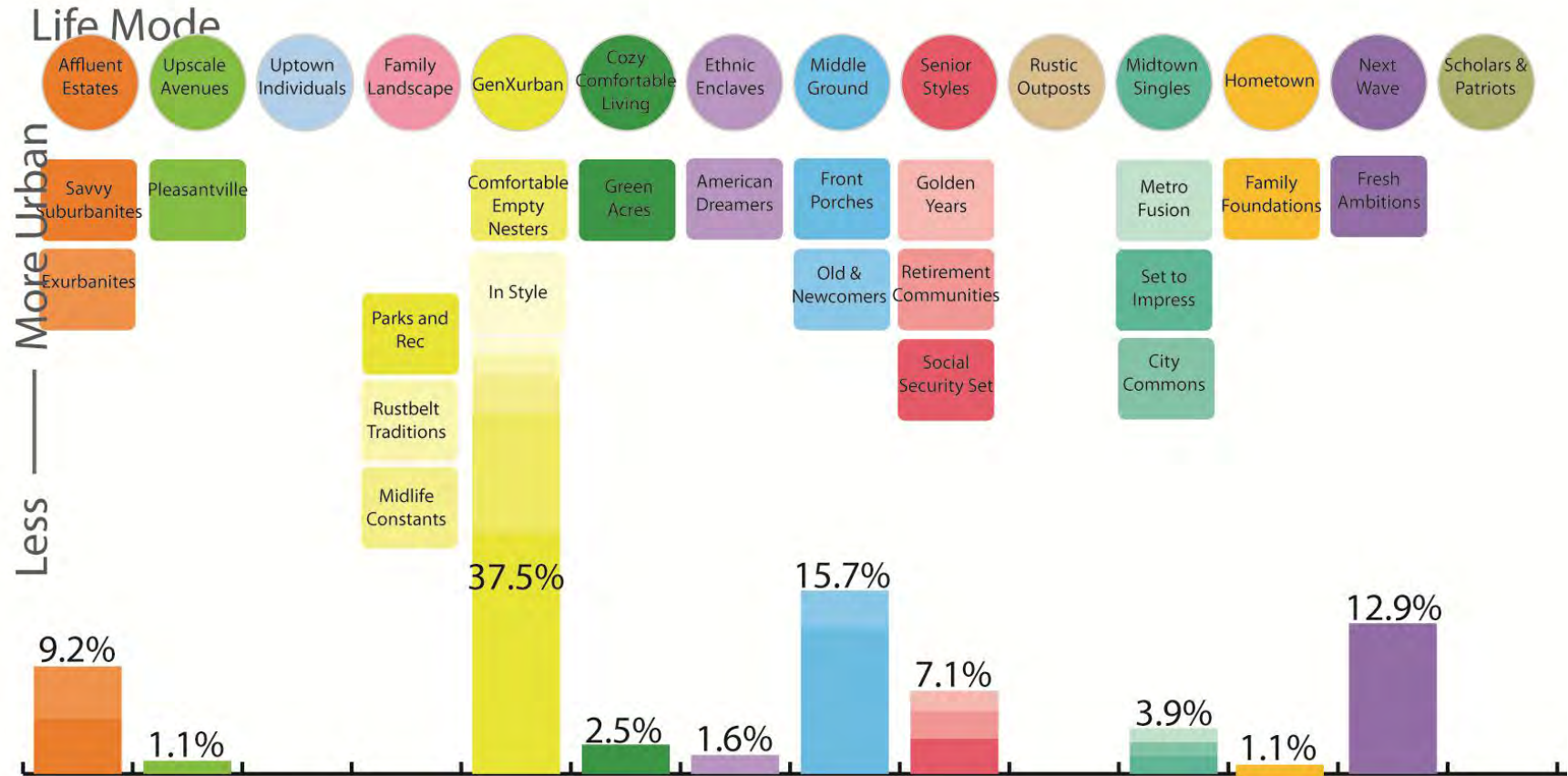


Residential Tapestry

10 Mile Radius



Working Group Meeting #2



MILONE & MACBROOM



Economic Development Opportunities



Working Group Meeting #2



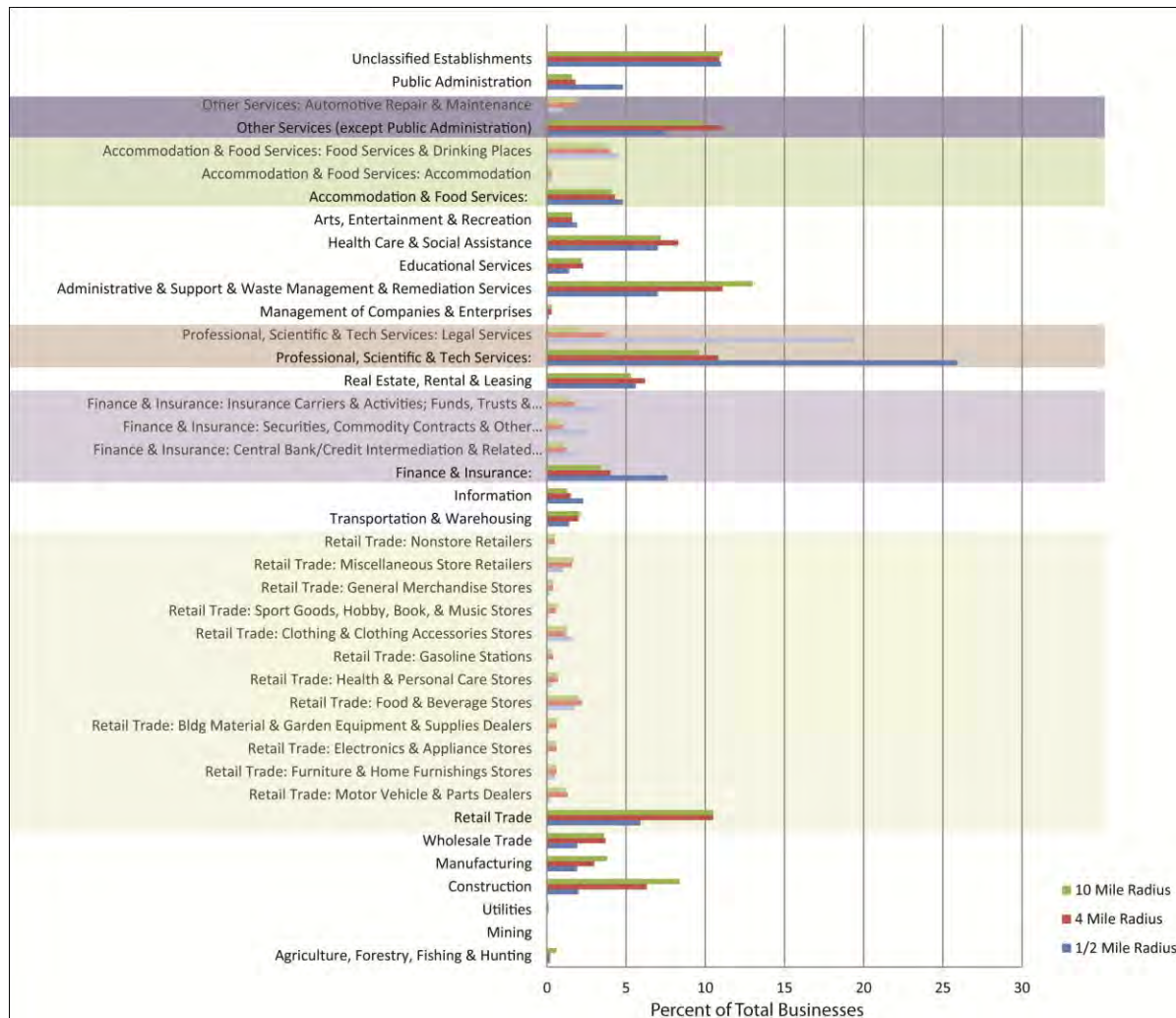
 **MILONE &
MACBROOM**



Local & Regional Business Patterns



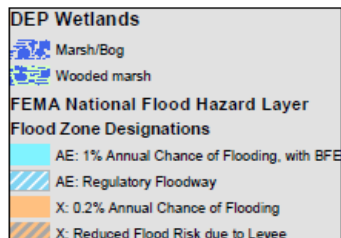
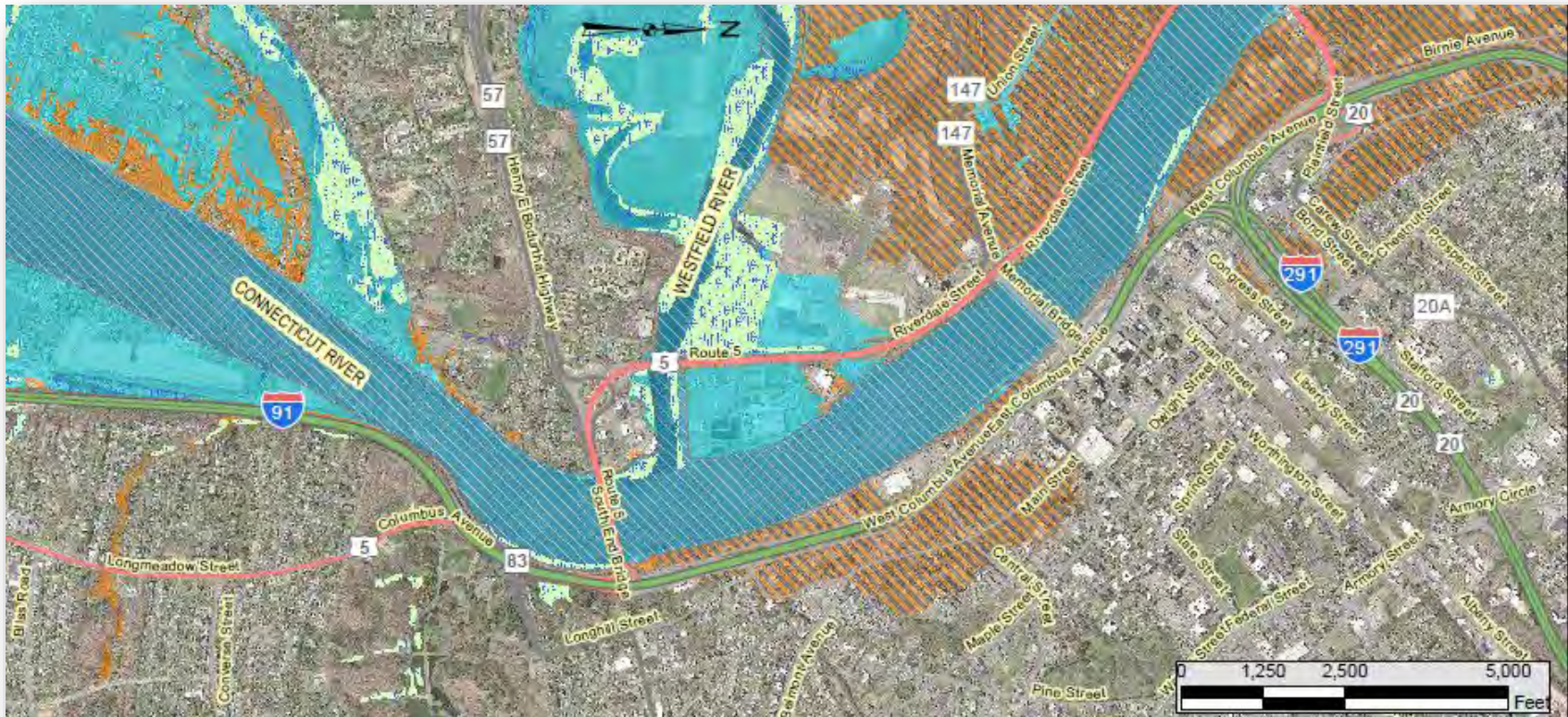
Working Group Meeting #2



Wetlands & FEMA National Flood Hazard



Working Group Meeting #2



Surficial Geology



Working Group Meeting #2



Surficial Geology

| | |
|-------------------------------|------------------------------|
| Artificial Fill | Coarse |
| Swamp and Marsh Deposits | Glaciolacustrine Fine |
| Alluvium | Glaciomarine Fine |
| Valley-floor Fluvial Deposits | Stagnant-ice Deposits |
| Alluvial Fan | Thick Till |
| Inland Dune | Thrust Moraine |
| Marine Regressive | Till Overlying Sand Deposits |
| Stream-Terrace | End Moraine Deposits |
| Talus | |



Area Topography



Working Group Meeting #2



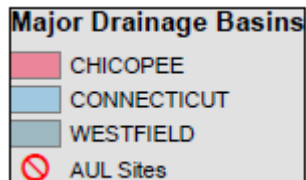
 **MILONE &
MACBROOM**



MassDEP AUL Sites & Watershed Delineations



Working Group Meeting #2



Protected Open Space & Cultural Resources



Working Group Meeting #2



Open Space Lands

| | | | |
|--------------|-----------------------------------|--------------|-----------------------------------|
| Blue | Federal | ★ | Preservation Restriction |
| Yellow | Commonwealth of Massachusetts | ▲ | NRHP and LHD |
| Pink | Municipal | ● | Inventoried Property |
| Light Yellow | Non-Profit | Red Outline | Nat'l Register of Historic Places |
| Orange | Private | Red Outline | MRHP and LHD |
| Red Dot | Nat'l Register of Historic Places | Blue Outline | Inventoried Area |



I. Transportation Reform in Massachusetts

In June 2009 Governor Deval Patrick signed the Transportation Reform Law – M.G.L. Chapter 6C



The primary goal was to consolidate all state transportation agencies in Massachusetts to reduce duplicate efforts and enhance transportation planning

I. Transportation Reform in Massachusetts

- M.G.L Chapter 6C established the Healthy Transportation Compact composed of:
 - Secretary of Transportation (co-chair)
 - Secretary of Health and Human Services (co-chair)
 - Secretary of Energy and Environmental Affairs
 - Administrator of Transportation for Highways
 - Administrator of Transportation for Mass Transit
 - Commissioner of Public Health
- Under M.G.L. Chapter 6C, Section 33 the Healthy Transportation Compact is directed to:
 - (v) establish methods to implement the use of health impact assessments (HIAs) to determine the effect of transportation projects on public health and vulnerable populations; and
 - (x) institute a health impact assessment for use by planners, transportation administrators, public health administrators and developers.

II. Steps of Conducting a Pilot HIA

- **Screening** - Determines the need and value of a HIA
- **Scoping** - Determines which health impacts to evaluate, methods for analysis and a work plan
- **Assessment** - Provides (1) describes baseline health conditions and (2) predicts potential health impacts
- **Recommendations** – Provides strategies to manage identified adverse health impacts
- **Reporting** - Includes the development of the HIA report and communication of findings and recommendations
- **Monitoring** - Tracks the impact on decision-making processes and the decision and the impacts of the decision on health determinants

B. Step 2: Scoping

Research Questions: *What are the public health impacts/benefits associated with changes in:*

Air Quality

- Modeled vehicle emissions of current air pollution impacts and future technology changes; Evaluated proximity within 200 meters of roadway (for higher exposure gradient); and elevation of corridor.

Noise

- Noise along corridor and adjacent streets from increases in vehicles in intersections, proximity, and technology changes; elevation of corridor.

Mobility and connectivity

- Vehicle use on corridor; vehicle use in adjacent areas; pedestrian/bicycle use

Public Safety

- Injuries and fatalities associated with vehicle collisions; crime and fear of crime.

Land Use and Economic Development

- Access to goods (e.g., grocery store, pharmacy) and services (e.g., health care providers, schools, libraries); Housing (including possibility of gentrification and displacement); Land use (e.g., Inner Belt and Brickbottom); Availability and access to parks, open space, and community path;

C. Step 3: Assessment

- Assessment of Existing Conditions
 - Demographic and Socioeconomic data
 - Identifying vulnerable populations
 - Characterizing baseline health information
 - Hospitalization data, Cancer data, and Pediatric asthma data from the MDPH/BEH Environmental Public Health Tracking Portal,
 - School health data on obesity, overweight, and depression in children living in Somerville
- Assessment of Alternatives

| Health Data | Geography | Data Sources | Methods (3) |
|---|--|---|--|
| Hospitalization (inpatient) data <ul style="list-style-type: none">Asthma (inpatient and ED)Myocardial infarction | By zip code and Community | MDPH/ BEH EPHT Portal (2) | Rate of health outcomes in study area by zip code for 2010 |
| Hospitalization (inpatient) data <ul style="list-style-type: none">Congestive heart failureStrokeHypertension | By zip code and Community | Center for Health Information and Analysis | Rate of health outcomes in study area by zip code for 2010 |
| <ul style="list-style-type: none">Pediatric obesityPediatric overweightPediatric depression | Community | School Health Services, DPH Bureau of Community Health and Prevention | 2009-2011 for grades 1, 4, 7 and 10 |
| <ul style="list-style-type: none">Adult obesity dataAdult hypertensionAdult diabetesNo exerciseEats 5 fruits and vegetables/day | Community | BRFSS (5) | Outcomes for 2009 in Somerville |
| Low birth weight | By census tract and statewide | Registry of Vital Records and Statistics | Calculated birth weight statistics |
| Pediatric asthma (Grades K-8) | Elementary schools in pilot HIA study area and community | MDPH/BEH EPHT Portal (2) | Prevalence rates in 2008-2009 |
| Pediatric diabetes (Grades K-8) | Community | MDPH/BEH EPHT Portal (2) | Prevalence rates in 2008-2009 |
| Lung and bronchus cancer | By census tract and community | MDPH/ BEH EPHT Portal and MA Cancer Registry | SIR (4) |
| Injury and fatalities related to traffic | McGrath Highway | MassDOT | 2008 |

- Number of Pedestrian Fatalities
- Lack of Designated Provisions for Bicycles
- Number of On & Off Ramps in a Short Distance
- Weaving and Merging Traffic along Ramps
- No connection to Memorial Bridge from I-291
- Locations of N-S Rail Line
 - Only 3 connections between the Riverfront & the Bikeway with Downtown Core
 - At-grade crossing @ Riverfront Park is a Passive Crossing

Economic & Land Use

- Economic Renaissance in Infancy – Future?
- Shift in Local Market to Live/Work Areas
- Cohesive Redevelopment
- Physical Barriers

Natural Resources

- Connecticut, Mill & Westfield Rivers



Public Health

- Water, Air & Noise Quality
- Recreation, Parks & Open Space
- Business & Residential

Cultural Resources

- Historic Properties

- Reconfiguration of the I-91 Viaduct and Longmeadow curve will facilitate safety and circulation improvements for all modes
- Link Riverwalks in Agawam and Springfield
- Link Forest Park to the Riverwalk
- Create Stronger Link to the New Union Station
- Create a Regional Draw to an expanded Riverfront
- Transit Oriented Development's
- Economic Development Areas

- Finalize Existing Conditions
- Continue to Task 2 Future Year Conditions
 - Travel Demand Model
 - Operation Analysis
 - Working Group Meeting #3 (New Format)
 - Public Meeting #1

Study Schedule



Working Group Meeting #2

| | 2014 | | | | 2015 | | | | | | | | | | | | 2016 | | | |
|---|------|-----|-----|-----|------|-----|-----|-----|-----|-----|-----|-----|------|-----|-----|-----|------|-----|-----|-----|
| | SEPT | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEPT | OCT | NOV | DEC | JAN | FEB | MAR | APR |
| Task 1 Study Area, Goals & Objectives, Evaluation Criteria, and Public Involvement Plan | | | | | | | | | | | | | | | | | | | | |
| Task 2 Existing Conditions, Future No Build Conditions and Issues Evaluation | | | | | | | | | | | | | | | | | | | | |
| Task 3 Alternatives Development | | | | | | | | | | | | | | | | | | | | |
| Task 4 Alternatives Analysis | | | | | | | | | | | | | | | | | | | | |
| Task 5 Recommendations | | | | | | | | | | | | | | | | | | | | |
| Task 6 Final Report | | | | | | | | | | | | | | | | | | | | |

Working Group Meeting

Public Meeting



Questions & Comments



Working Group Meeting #2



Contact:

Ethan Britland, Project Manager

Phone: 857-368-8840

Email: ethan.britland@state.ma.us

