



New England's Sustainable
KNOWLEDGE CORRIDOR

Our region. Our future.

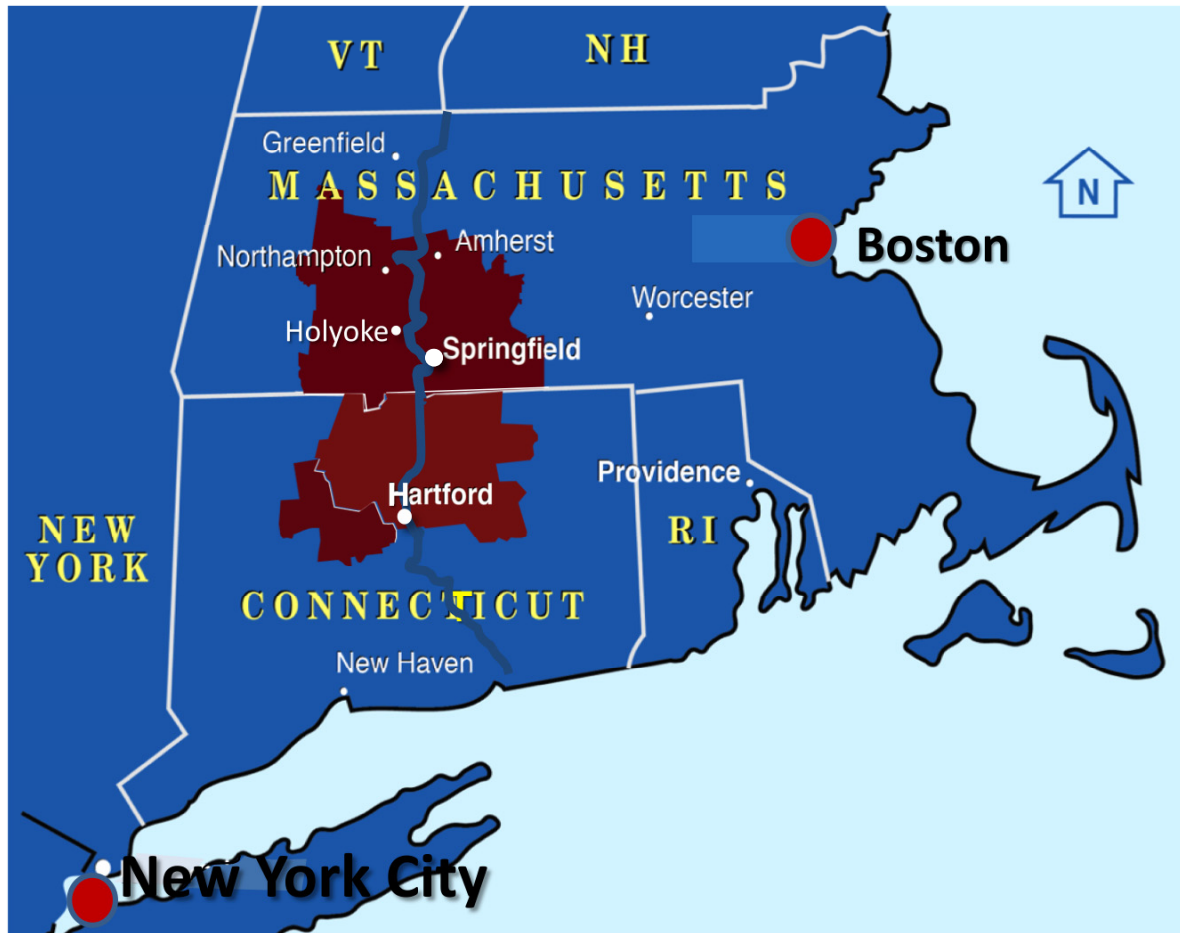
A Regional Transit-Oriented Development Market Analysis

David Elvin, AICP, Senior Transit Planner

Pioneer Valley Planning Commission, Springfield Massachusetts

New Partners for Smart Growth Conference, February 4, 2012

“Development-Oriented Transit: Innovative Economic Tools and Models”



Catalyst for Regional Progress

pvppc

**Pioneer Valley
Planning Commission**



**Capitol Region
Council of Governments**



**Central Connecticut
Regional Planning Commission**





Springfield



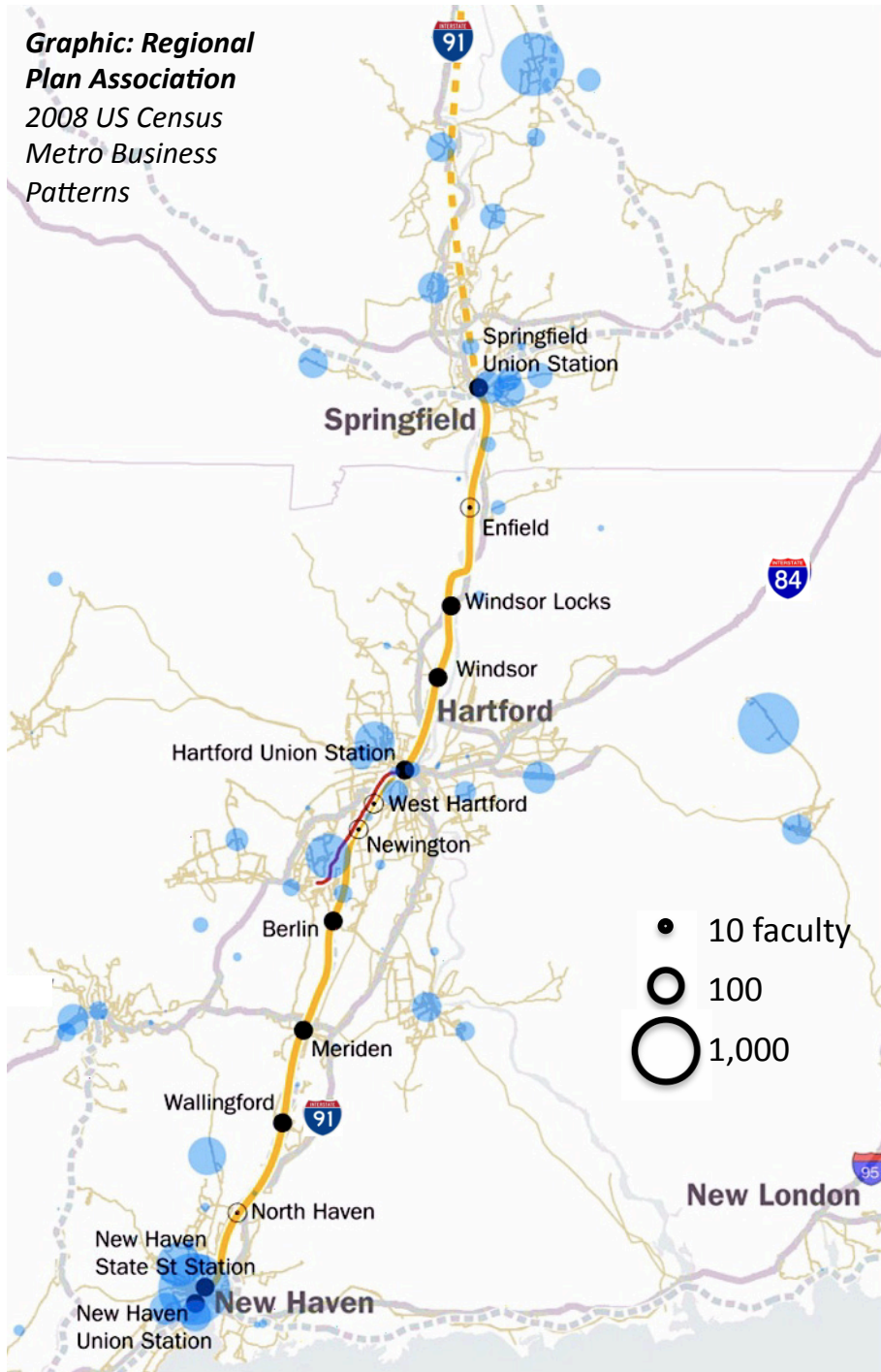
Hartford



- Common regional brand
- 2nd largest New England labor market
- 32 colleges and universities
- 120,000 students



**Graphic: Regional
Plan Association**
2008 US Census
Metro Business
Patterns



College & University Employment



UMass Amherst



Trinity College - Hartford



**Graphic: Regional
Plan Association,
2008 US Census
Metro Business
Patterns**



Health Care Employment



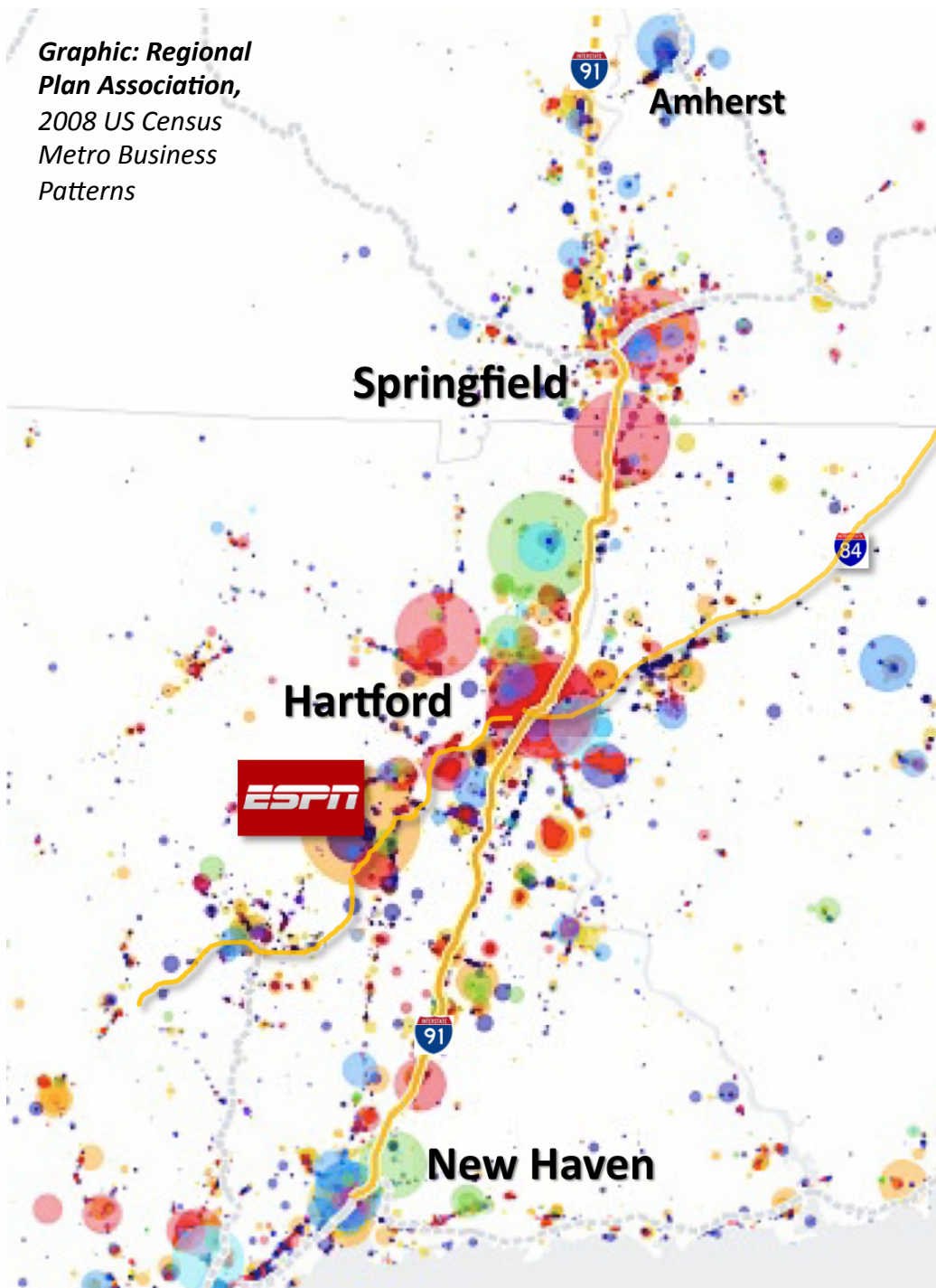
Baystate Health



Hartford HealthCare



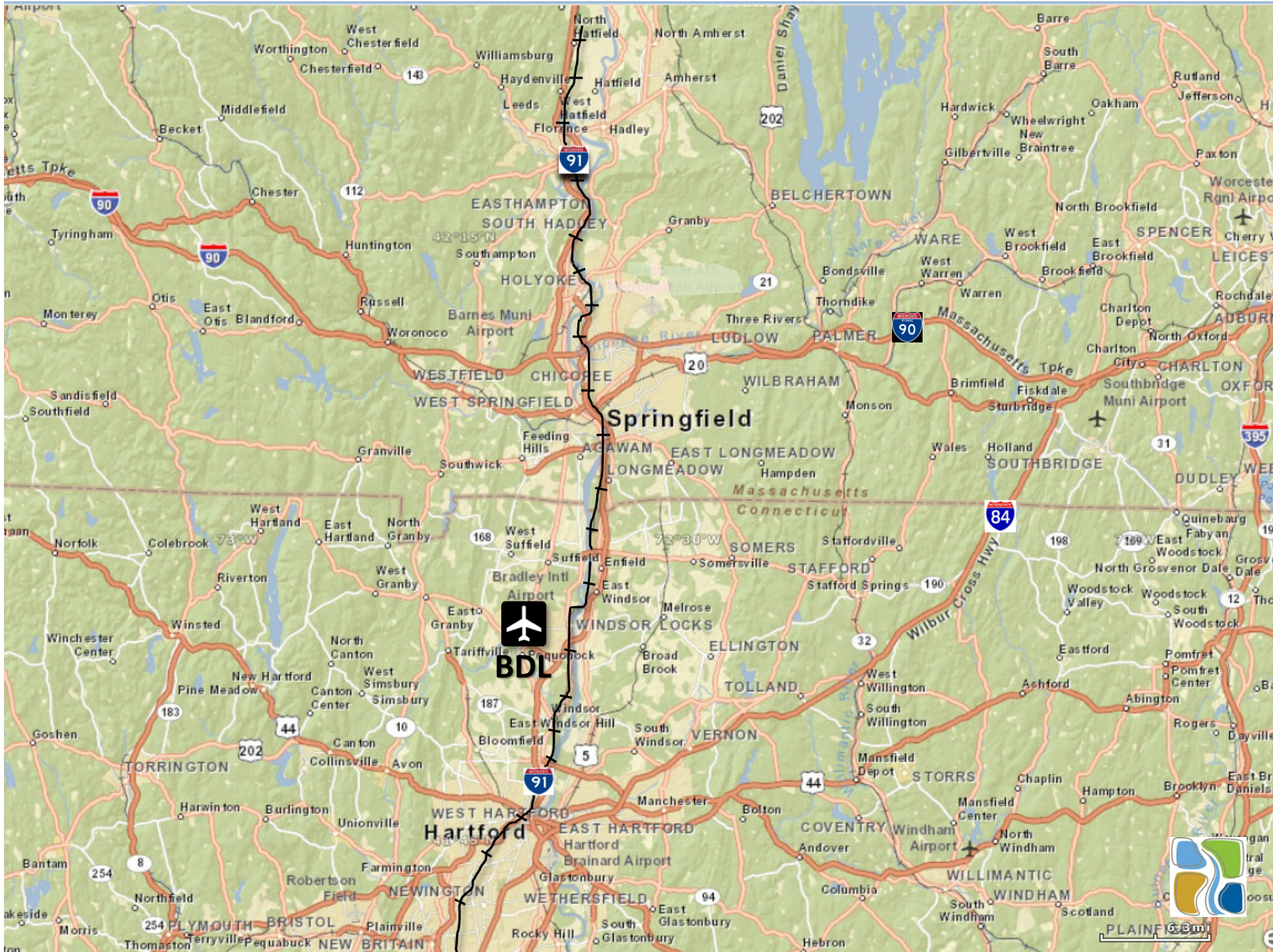
Graphic: Regional
Plan Association,
2008 US Census
Metro Business
Patterns



Knowledge Industry Employment

1. Aerospace/Defense
2. Colleges-Universities
3. Health care
4. Information Technology
5. Insurance/Financial
6. Life Sciences-Biotech
7. Medical Devices Manufact.
8. Precision Manufacturing
9. Tourism





○ Existing Stations

Ⓐ Existing Amtrak Stations



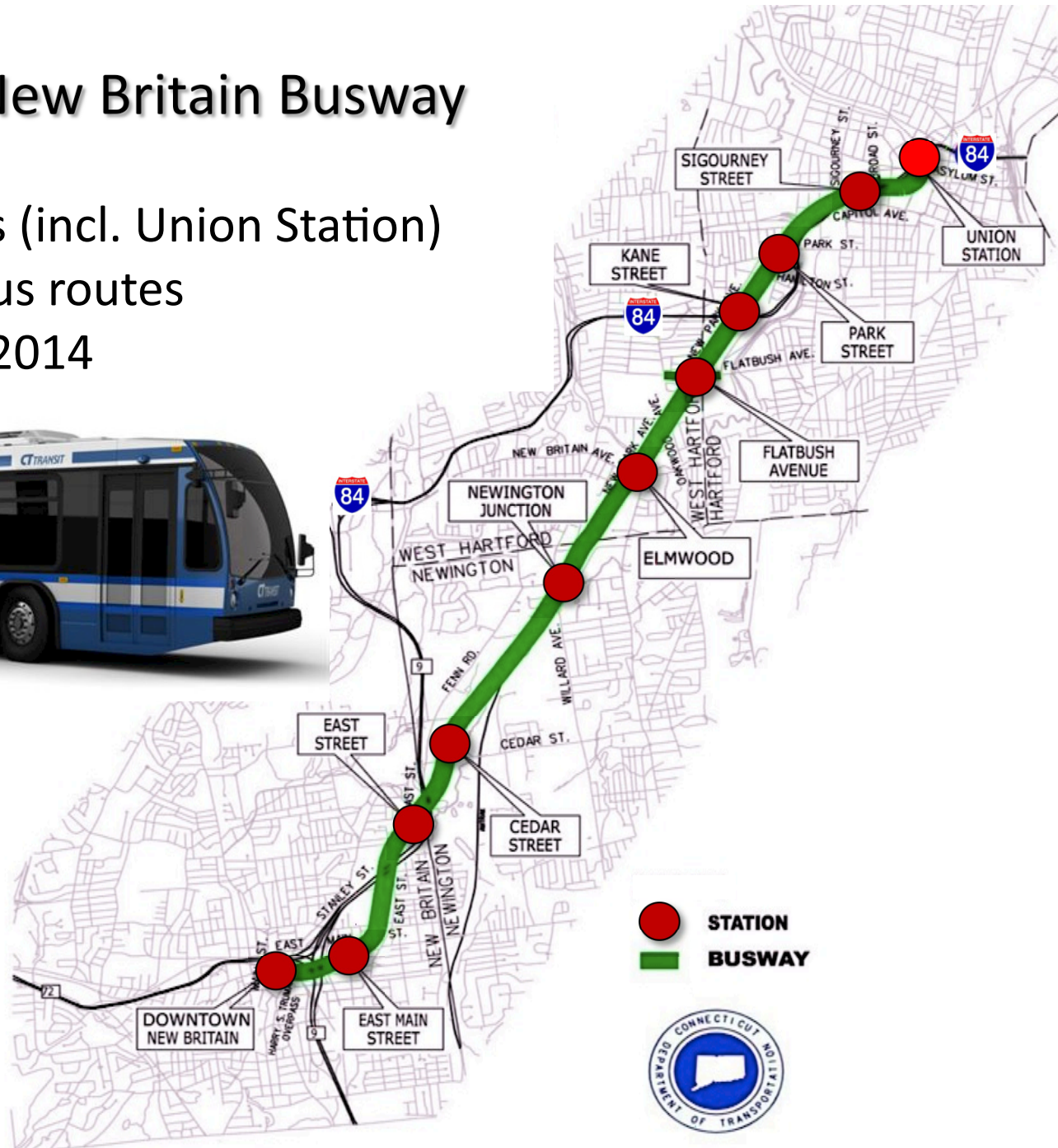
New Haven-Hartford-Springfield Commuter Rail (NHHS)

- 30 trains/day (12 today)
- Shuttle to BDL airport
- 8 stations
- 2014 service
- Connects to Hartford-New Britain Busway

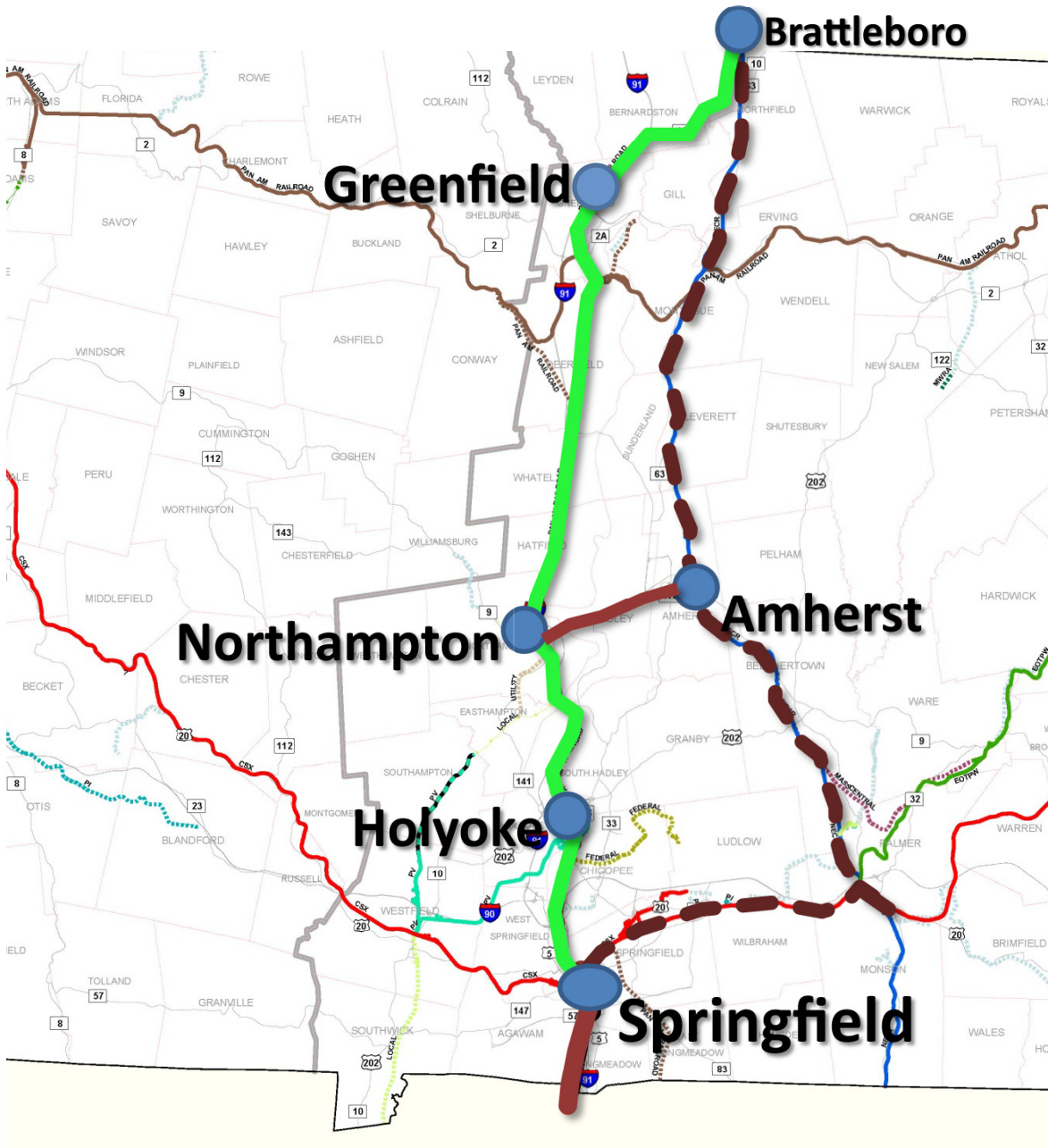


Hartford-New Britain Busway

- 9.4 mi
- 11 Stations (incl. Union Station)
- 5 feeder bus routes
- Service in 2014



Massachusetts Amtrak Realignment



- Cuts travel time 1/3
- 4 stations in Mass.
- Existing bus link to UMass/Amherst
- Service in 2013



Knowledge Corridor Transportation Investments (5-year horizon)

PROJECT	AMOUNT
Vermont Rail Improvements	\$65 M
Mass. Amtrak Connecticut River Line Restoration	\$73 M
Springfield Union Station	\$74 M
New Haven-Hartford-Springfield Commuter Rail	\$647 M
Hartford-New Britain Bus Transitway	\$567 M
Hartford Union Station	TBD
TOTAL	\$1.4 Billion

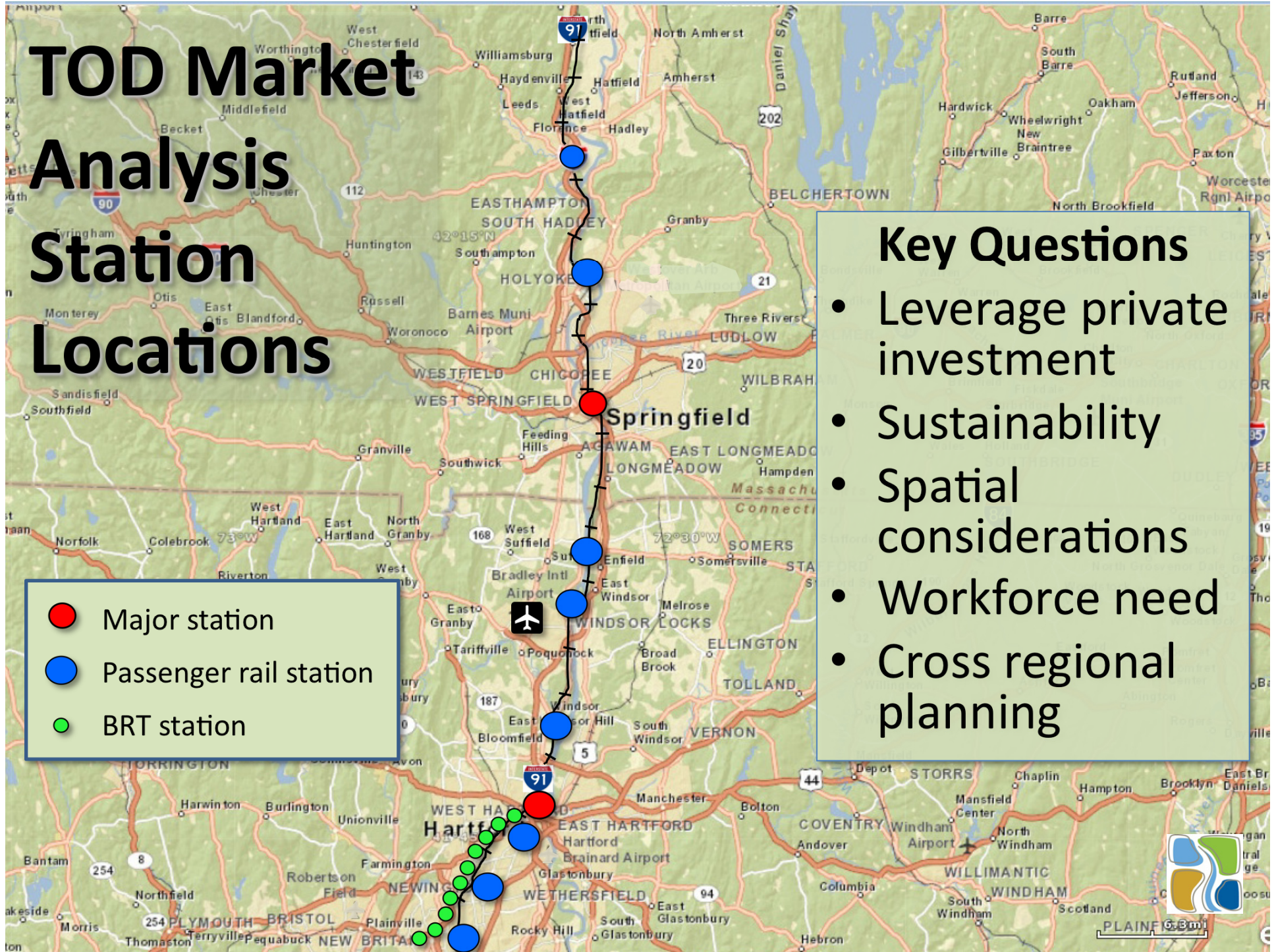


TOD Market Analysis Station Locations

- Major station
- Passenger rail station
- BRT station

Key Questions

- Leverage private investment
- Sustainability
- Spatial considerations
- Workforce need
- Cross regional planning



TOD Market Analysis

Establishing expectations for growth

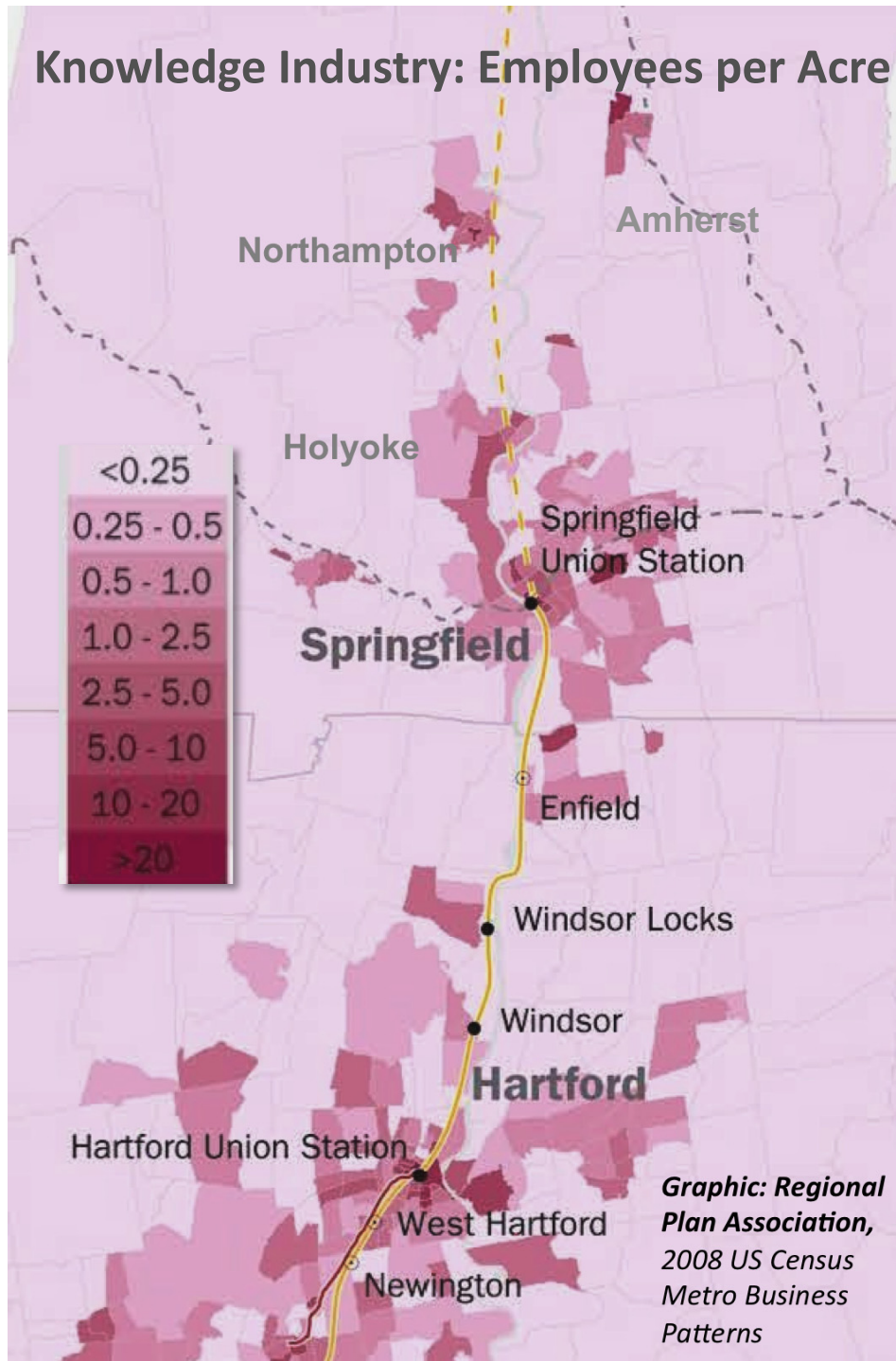
- ✓ **Scale 1: Regional** market strengths/weaknesses
- ✓ **Scale 2: Corridor** blend of development and housing
- ✓ **Scale 3: Station-area** investment potential

Outcomes:

- ✓ Clear investment expectations for private developers
- ✓ Clear recommendations for public policy makers



Knowledge Industry: Employees per Acre



Scale 1: Regional

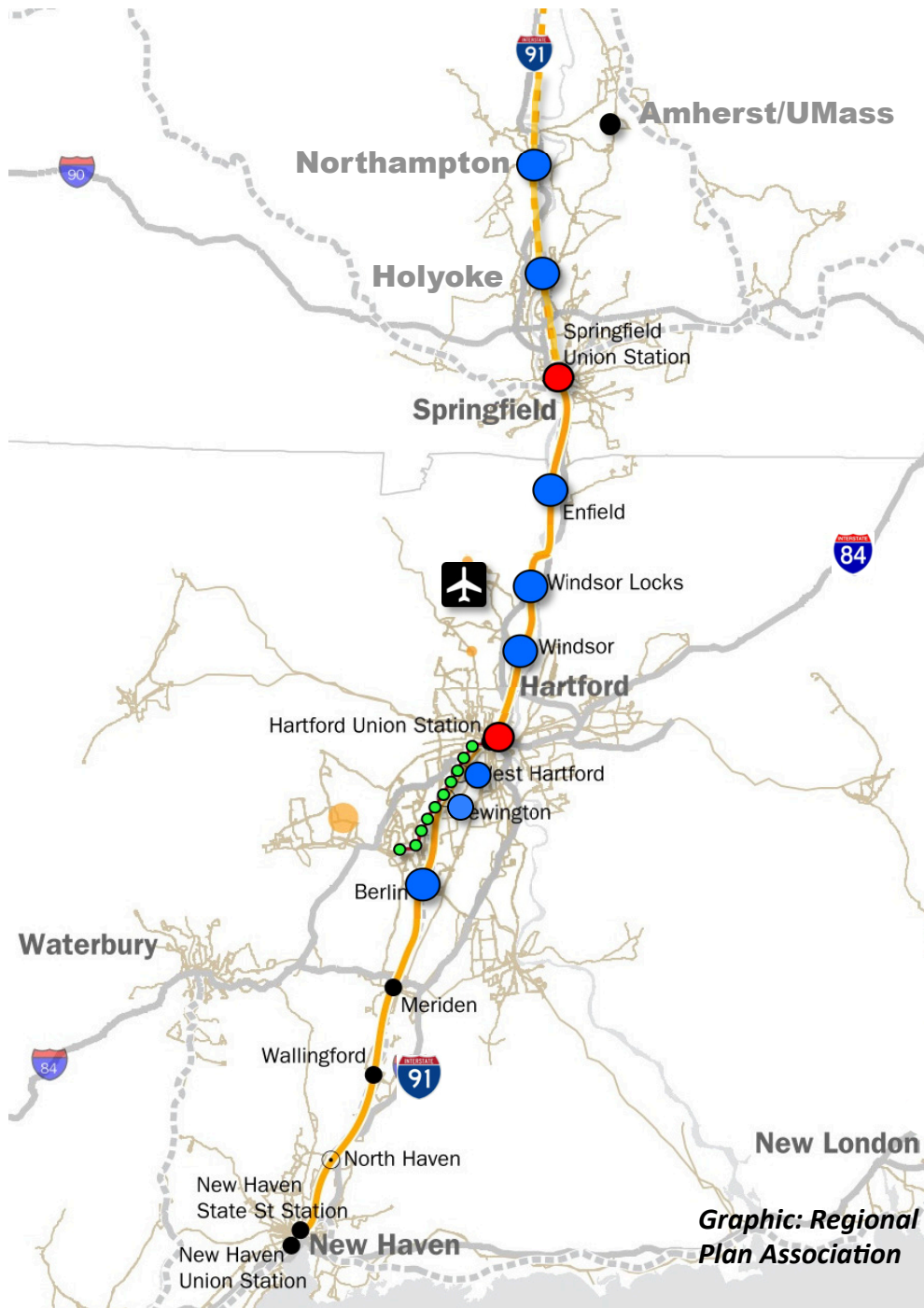
- Demographic growth/change
- Workforce
- Transportation needs
- Inter-industry trading and clustering
- Growth potential for all industries
- Preferences for urban living

Scale 2: Corridor

Estimates of population,
commercial and industrial
growth

Latent demand for housing
in areas considered walkable

Location Efficiency: Effective
blend of development types



Scale 3: Station Areas

Site-specific investments/
catalytic opportunities

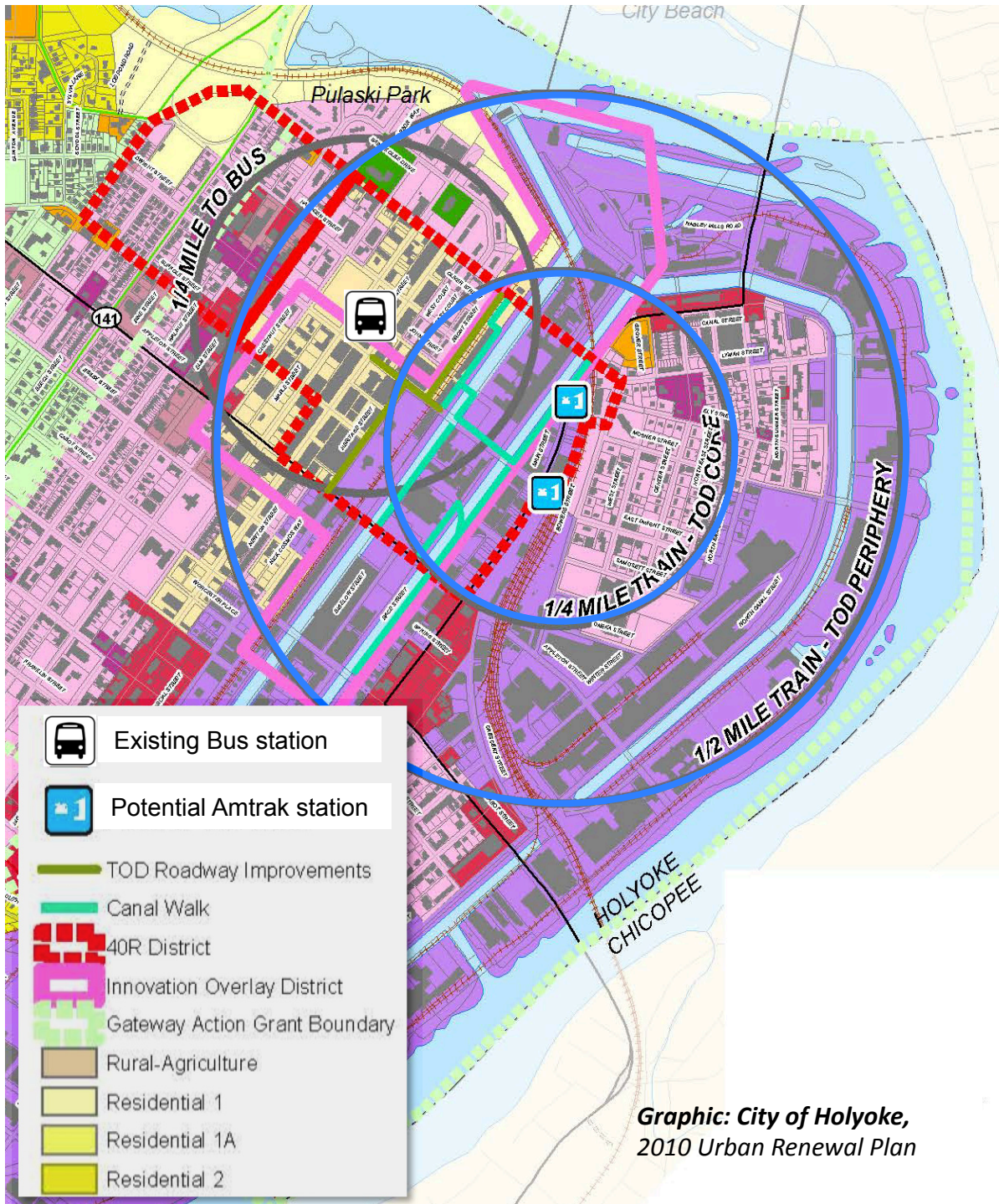
Reuse or repurposing of
existing property

Zoning constraints

Parking

Likely future trends

Dislocation avoidance



*Graphic: City of Holyoke,
2010 Urban Renewal Plan*



Stakeholder Participation



- ✓ Developers and property owners
- ✓ Traditionally under-represented businesses and residents
- ✓ Regional economic development entities
- ✓ Municipal economic development agencies
- ✓ Housing developers
- ✓ Transportation providers



New England's Sustainable Knowledge Corridor

http://www.sustainableknowledgecorridor.org/site/

HOME ABOUT SUSTAINABILITY PROJECTS PARTICIPATE THE LATEST

New England's Sustainable KNOWLEDGE CORRIDOR
Our region. Our future.

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What's Important to You?

And how do you think the region matches up with your priorities? Share with us what you value most in your community. Identifying our collective concerns is the first step towards making better, more sustainable communities.

[Click here](#) to use the online tool MetroQuest to rank your priorities and let us know how we're doing as a region right now.



Get Involved Share your ideas, view our calendar and participate in this initiative to make the

Stay Connected Get updates, join our email list!

Our Mission To preserve, create and enhance a sustainable, economic


Sustainable Knowledge Corridor - MetroQuest

http://skc.metroquest.com/

Sustainable Knowledge Corridor Progress: Compare Yourself

1 Let's talk about our future

WELCOME



Did you know?
A diverse group of insurance and financial services, distribution companies, central and back-office operations represent the Sustainable Knowledge Corridor's major employers, including hospitals, banks and of course, educational institutions.








Photo credits: Hartford Springfield Economic Partnership (river background), Tim Doherty (right image)

2 SET PRIORITIES

3 RATE THE REGION

4 GET INVOLVED

www.sustainableknowledgecorridor.org



Next Steps

Spring 2012	TOD outreach/data gathering
Fall 2012	TOD Analysis and recommendations
January 2013	Final TOD Market Analysis report; plans for catalytic projects produced
February 2014	Regional Action Plan for Bi-state Knowledge Corridor Region





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