

# Route 128 Corridor Plan



8:30am – 10:30am  
Weston Town Hall  
November 19, 2010

## Route 128 Corridor Plan - Background

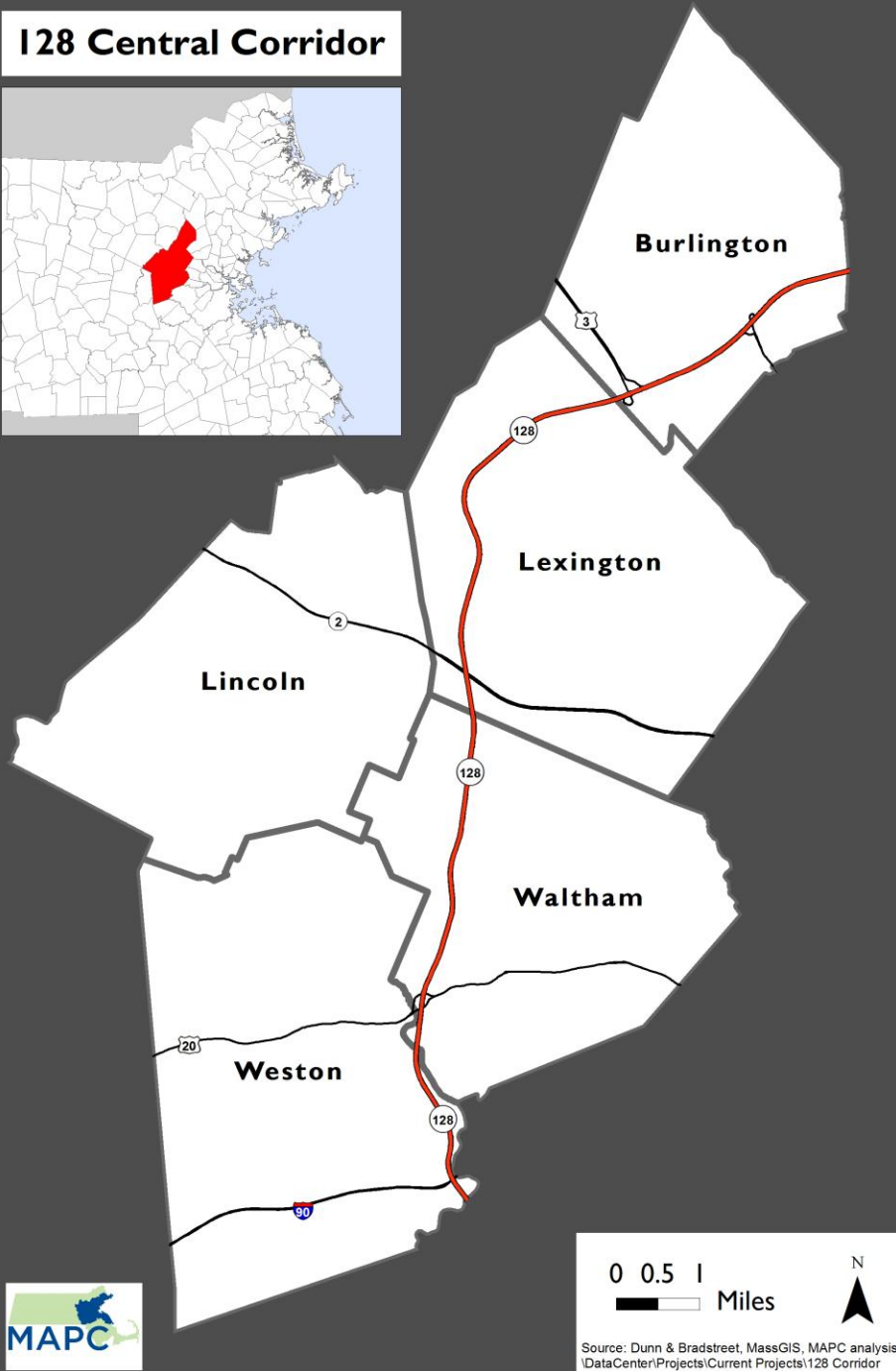
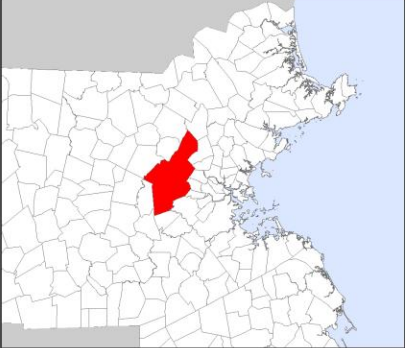
### A WORKING GROUP EFFORT

#### VISION

Encourage continued and sustainable economic development in the 128 Central Corridor while preserving the quality of life by enhancing mobility options.

- **5 Municipalities and MAPC meeting monthly, discussing regional impacts**
- **Seeking solutions to problems of common interest**
- **Communities and MAPC have engaged with business groups, developers, state & federal officials and TMAs**

## I28 Central Corridor



## Route 128 Corridor Plan - Background

12.6 mile segment of Rte. 128  
between I-90 and Rte 3 North.

Communities of Weston, Waltham,  
Lincoln, Lexington, and Burlington.

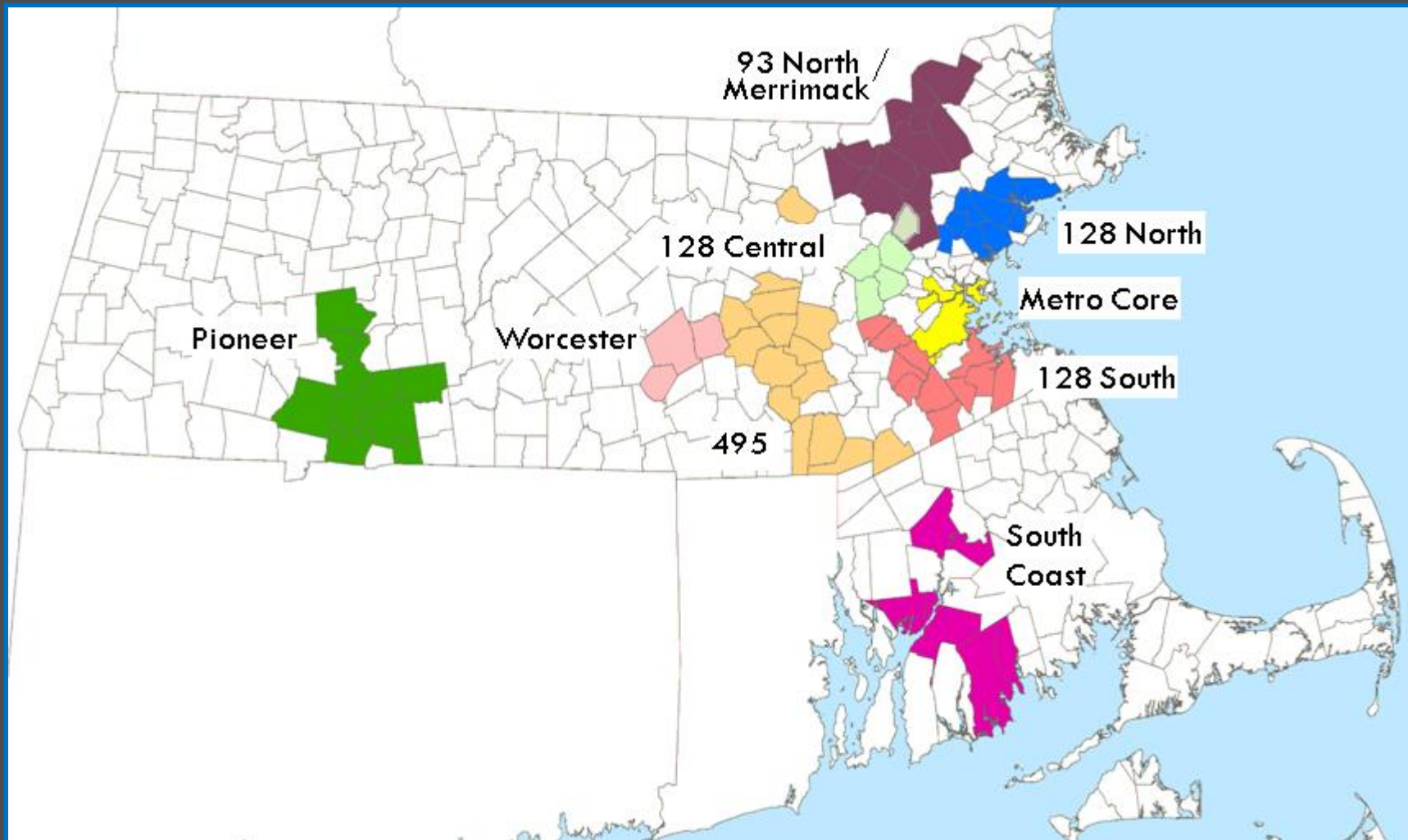
128,806 Jobs

132,443 Residents

68,423 Working Residents

49,117 Households

# Mass Employment Clusters



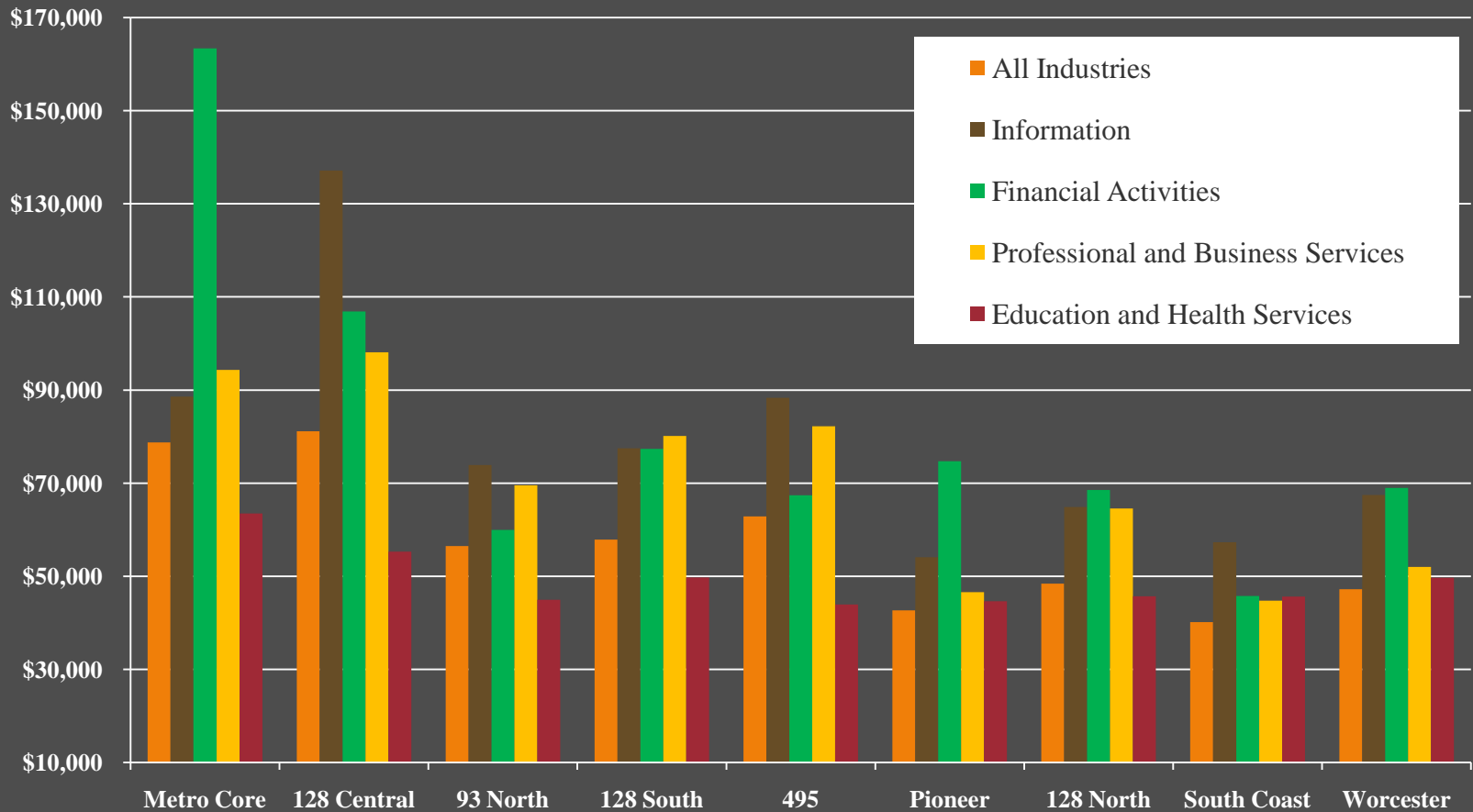
# Mass Employment Clusters

Employment Cluster	Number of Municipalities	MA Workers Employed in this Cluster
Boston/Cambridge	2	612,000
93 North/ Merrimack	12	255,000
128 South	11	211,000
Pioneer Valley	10	197,000
495 Corridor	15	180,000
128 North	10	147,000
<b>128 Central</b>	<b>5</b>	<b>128,000</b>
South Coast	6	116,000
Worcester	3	116,000



# Mass Employment Clusters

## Annual Average Salary by Industry



Source: Employment by Sector – Employment and Wages by Industry and Area, Labor and Workforce Department - ES202 Data, 2008

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## Route 128 Corridor Plan – Existing Conditions are a Problem

# Existing Route 128 Traffic is Over Capacity

Road Segment	Volume to Capacity 2007	Average Weekly Daily Trips 2007
North of Route 3 and Middlesex Turnpike	122%	195,000
North of Routes 4 and 225	123%	196,500
North of Route 2A	120%	191,500
North of Route 2	122%	195,000
North of Trapelo Road	128%	204,000
North of Totten Pond Road	129%	207,000
North of U.S. Route 20	127%	203,500
North of Massachusetts Turnpike (I-90)	130%	208,000
<b>Route 128 Average</b>	<b>125%</b>	<b>200,063</b>

## Route 128 Corridor Plan - Problem

### SURVEY RESULTS



- 94 percent of commuters drive alone because of convenience and not having other choices.
- Commutes are long, both in distance (14% travel 40 miles or more) and in time (39% travel 45 minutes or more).
- The main commuting concerns are travel times (21%) and congestion (21%).
- 31% of commuters would use public transit if it were available.

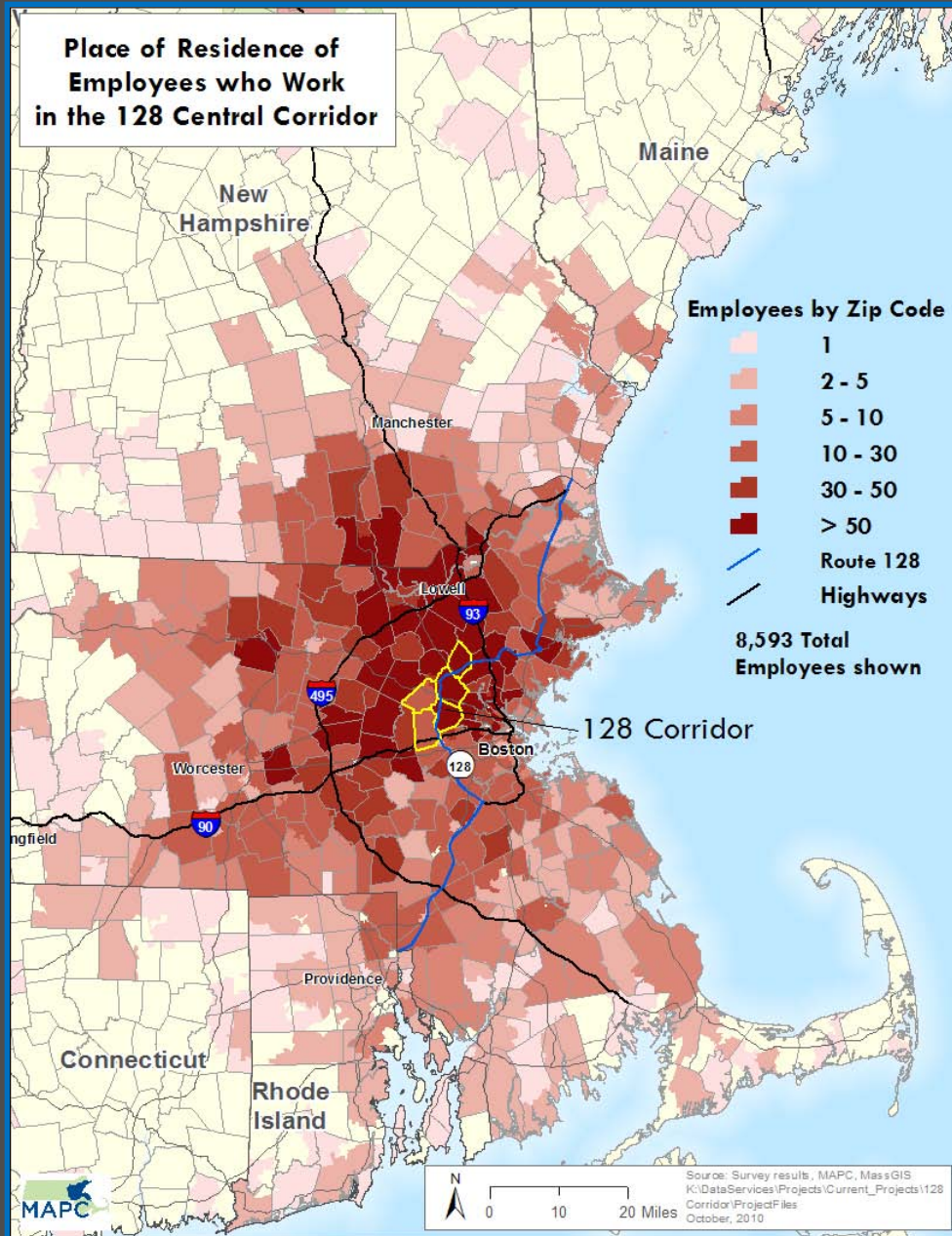


# Route 128 Corridor Plan - Problem

## COMMUTING PATTERNS

Nearly 80 percent of workers employed in the corridor live outside of the corridor.

Workers commute the longest distances to access this corridor compared to other regions of high employment in Massachusetts.



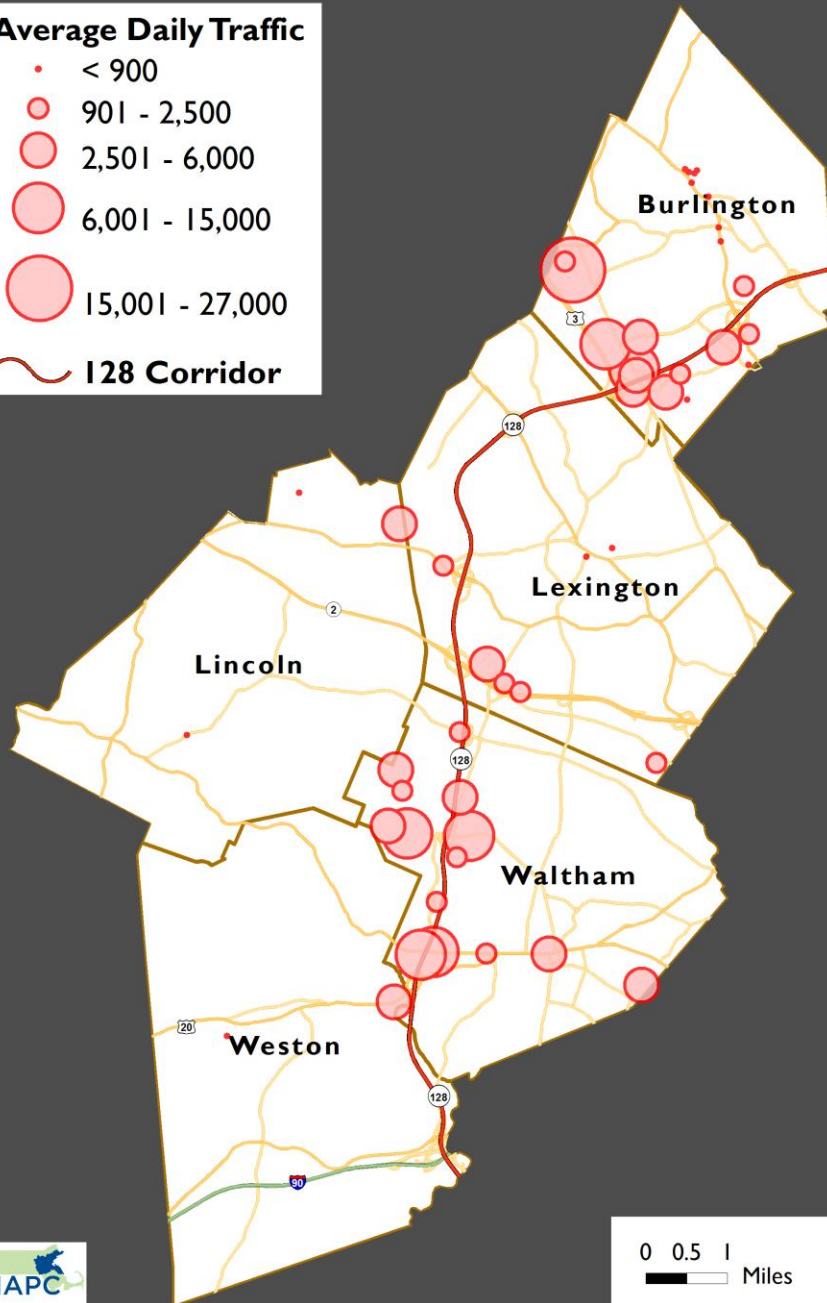
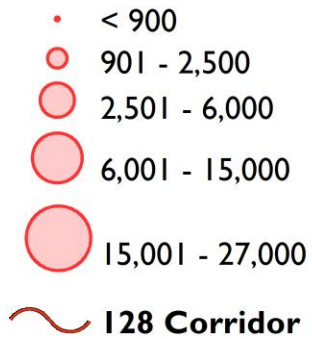
Sources:  
MAPC Survey  
128 Business Council  
128 Corporate Alliance  
TransAction Associates, Inc.

# Mass Employment Clusters

Employment Cluster	Number of Municipalities	MA Workers Employed in this Cluster	Percent of MA Workers Commuting from Outside the Cluster
<b>128 Central</b>	<b>5</b>	<b>128,000</b>	<b>80%</b>
Boston/Cambridge	2	612,000	61%
128 South	11	211,000	61%
495 Corridor	15	180,000	58%
Worcester	3	116,000	48%
93 North/ Merrimack	12	255,000	45%
128 North	10	147,000	44%
South Coast	6	116,000	28%
Pioneer Valley	10	197,000	23%

## Developments and Projected Average Daily Traffic

### Average Daily Traffic



## FUTURE DEVELOPMENT AND TRAVEL DEMAND

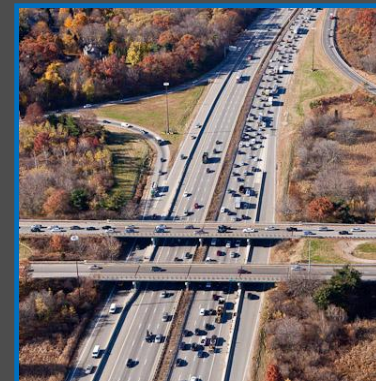
There are almost 50 recently completed or proposed development projects along the corridor.

These developments have the potential to generate an additional 155,000 daily trips.

All future developments will increase total auto trips along Route 128 by 77%.

# 128 Central Corridor Plan – Evaluated Solutions

- Continued Inter-Community Cooperation
- Coordinate Existing Transit
- Explore Multi Modal Transit Station Feasibility



Intersection of Routes 128 and 3 in Burlington.  
Source: Photo Courtesy of Jon Sachs

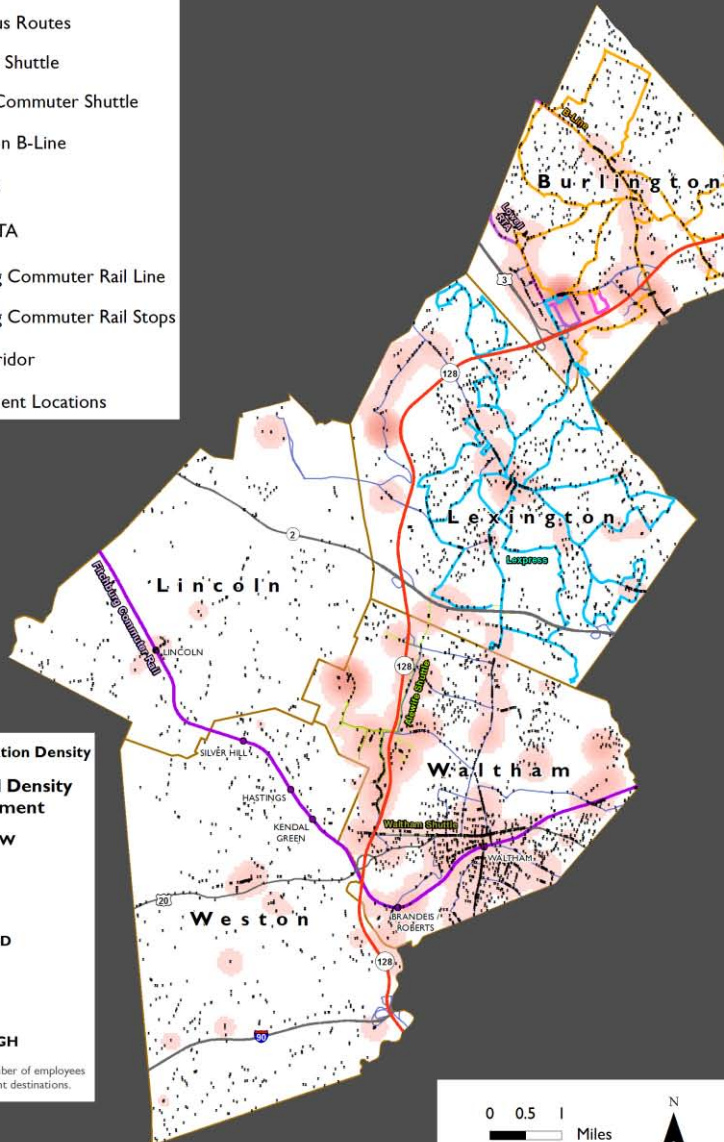


# Route 128 Central Corridor, Transportation and Employment



## Transportation Assets

-  MBTA Bus Routes
-  Waltham Shuttle
-  Alewife Commuter Shuttle
-  Burlington B-Line
-  Lexpress
-  Lowell RTA
-  Fitchburg Commuter Rail Line
-  Fitchburg Commuter Rail Stops
-  I28 Corridor
-  Employment Locations



## Employment Location Density

Jobs, Weighted Density  
by Employment



\* Density is defined as number of employees and number of employment destinations.



Sources: MassGIS, CTPS, Dunn & Bradstreet (2008), MBTA  
DataCenter\Projects\Current Projects\128 Corridor

# Route 128 Corridor Plan - Solution

## EXISTING TRANSIT NETWORK NEEDS COORDINATION

### 36 Public and Private Routes Operating along Corridor

13 MBTA Bus Routes

3 shuttles - 128 Business Council

1 shuttle - Lowell RTA

4 routes run by employers

1 shuttle run by a residential  
development

3 routes run by communities

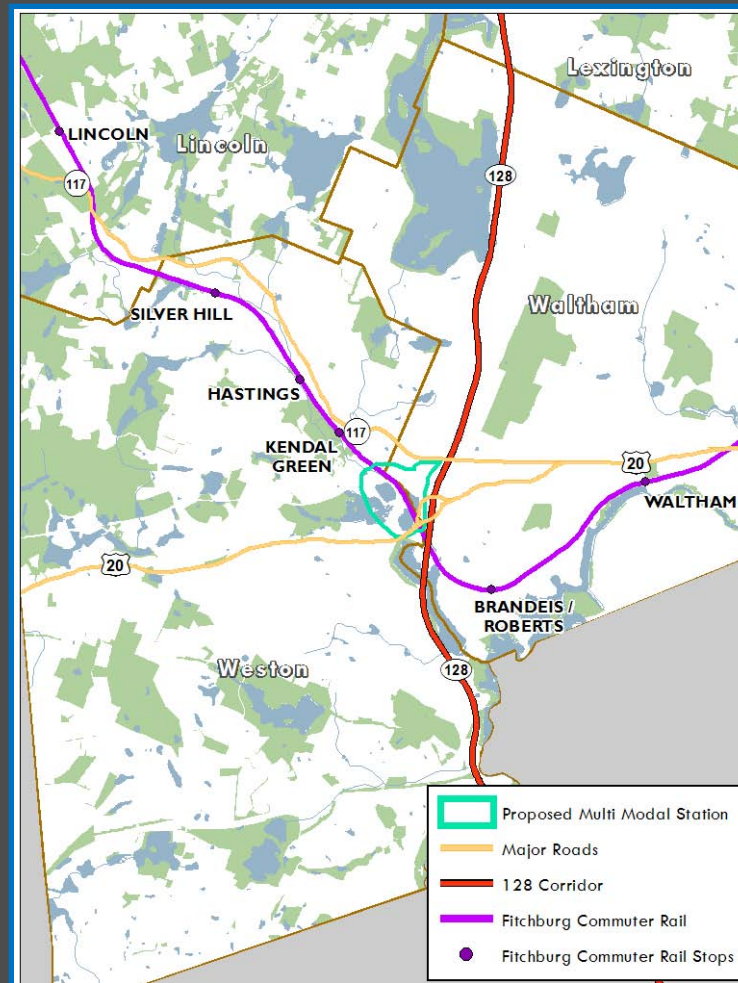
1 private bus

9 hotel shuttles

1 commuter rail line

# Route 128 Corridor Plan - Solution

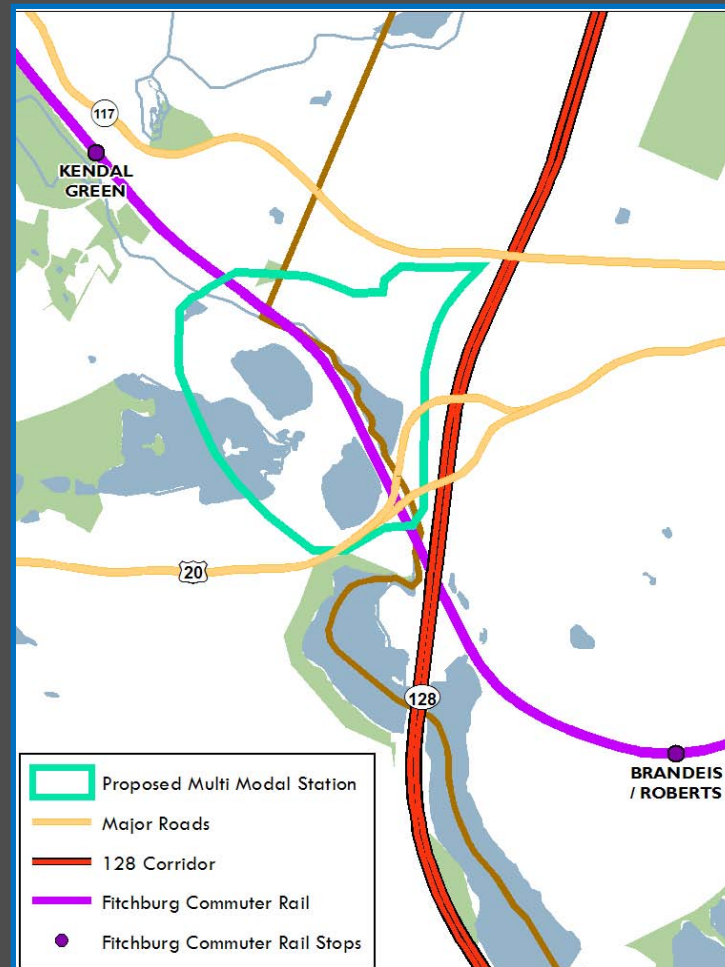
## CREATE A NEW MULTI MODAL TRANSIT CENTER





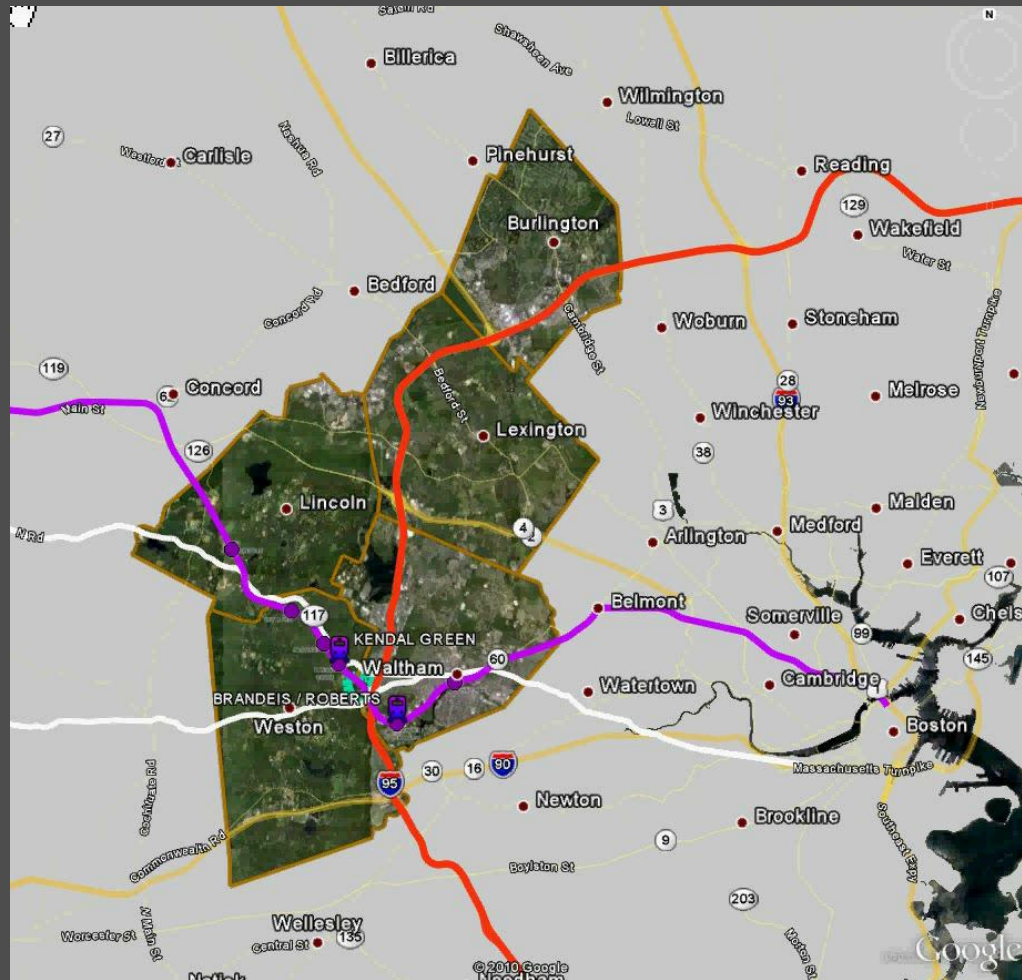
# Route 128 Corridor Plan - Solution

## CREATE A NEW MULTI MODAL TRANSIT CENTER



# Route 128 Corridor Plan - Solution

## CREATE A NEW MULTI MODAL TRANSIT CENTER





## Route 128 Central Corridor Coalition Asks its Representatives to:

- ✓ Form a federal and state 128 Central Corridor legislative caucus and designate a contact person to work with us directly. -  
**January 2011**
- ✓ Engage federal and state transportation agencies to comprehensively address traffic and transit issues in the Corridor. -  
**February 2011**
- ✓ Seek funding to coordinate and improve existing public and privately operated transit in the corridor. -  
**March 2011**
- ✓ Seek funding to study the feasibility of a new 128 Multi Modal Transit Center in connection with the current Fitchburg Line. -  
**March 2011**



# Route 128 Corridor Plan – Comments

