

Somerville Site

Somerville is a dense urban core city

80,000 people in 4.2 square miles

Over 200,000 VMT/SM/Day

60,000 diesel train trips/year (no local stops)

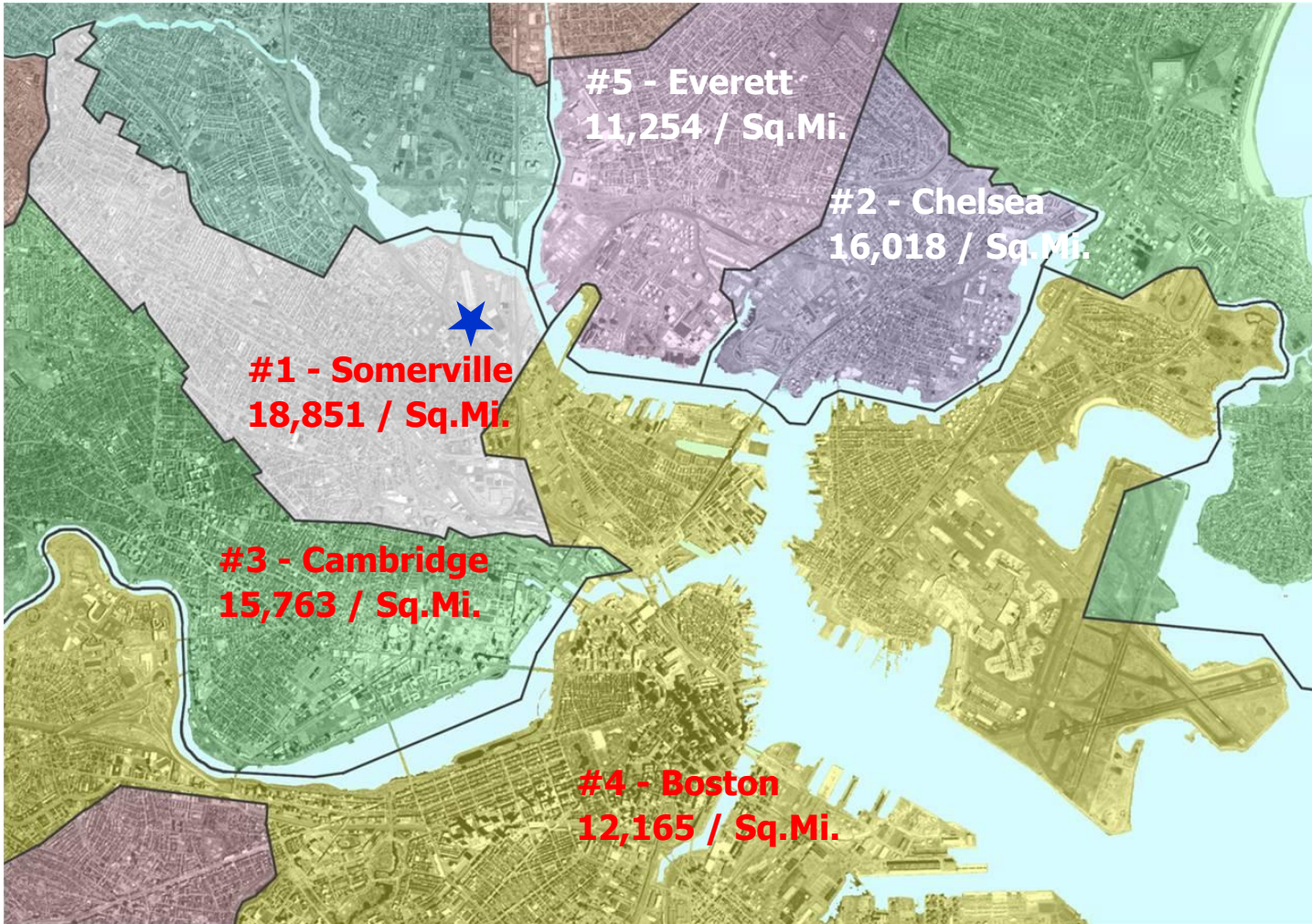
7,000 people/SM without household cars

Over 50 languages in public schools



BOSTON Metropolitan Area Cities and Densities - 2000

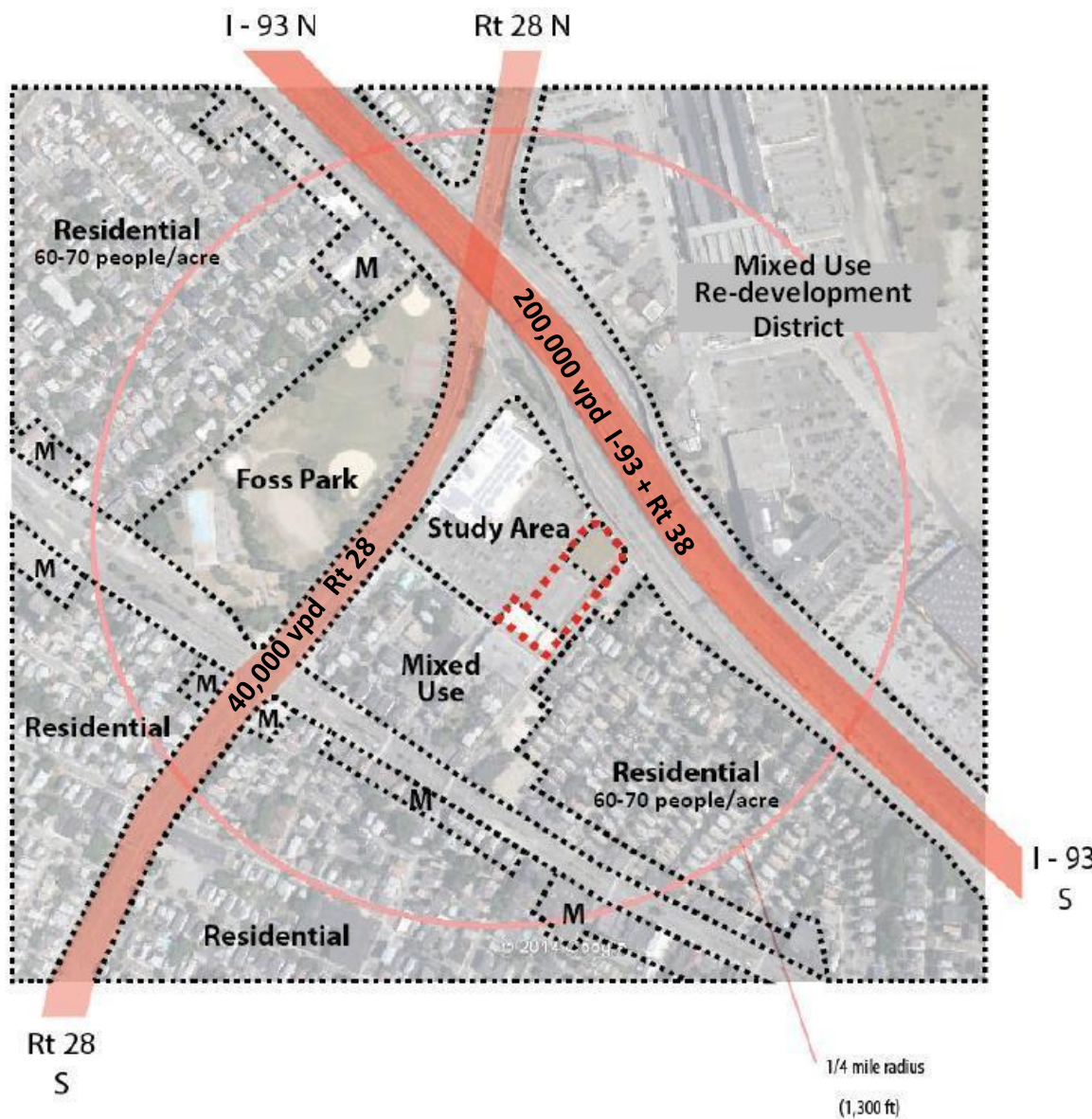
Massachusetts is the third densest state in the US.
Somerville has long been the densest city in Massachusetts
& one of the 10 densest cities in the USA.



Somerville Site



The Somerville Site and Surroundings



M - Mixed Use - Ground Floor Retail and top story residential

Above-Ground Highway

Ground-level Highway

Site Location

Local Factors

- **High Density**
- **Mix of Uses**
- **Existing vs. Future Users**

The Stop & Shop site is sandwiched between highways I-93 and Rt. 28. In the immediate vicinity is a parking lot, supermarket, a neglected pocket park, a neighborhood of 1 to 3 family houses, and the large, heavily used Foss Park.

Graphic Credit: Linnean Solutions.

Somerville Site:



Existing Proposal - Somerville Site

New Design Concept



- Building is 3 floors at neighborhood edge
- Small scale residential building elements
- Traditional building materials with a residential focus
- Building mass and proportion at neighborhood scale
- Residential scale windows and details



Multi family neighborhood

Program:

- mixed-income housing
- 75 units, 10 affordable
- 107,500 SF approx.
- 350 parking spaces

Somerville Site: Stop & Shop parking lot



Can we redesign this site to protect the health of the residents and improve the air quality of the neighborhood?

Workshop

Set up

- Participants will work on Somerville housing or Chinatown schools
- Tables are provided with site information and mitigation tactics

Tasks:

Work together to brainstorm solutions which will

- Match the program and scale of the existing proposals
- Improve air quality and health for building users and community
- Decide which tactics are most effective for the housing and schools
- Are there other ideas which should be considered?

After this exercise, we will present the results of the two day charrette last spring and discuss your proposals, ideas and questions.

