Somerville Street Trees and Replanting Opportunities
Location, Condition and Replanting Opportunities by Census Block Group Attributes

**Introduction**

Tree point data was acquired from The Mayor’s Office of Strategic Planning and Community Development (OSPCD) from the City of Somerville. Two different types of street tree data was available; street tree data (Tree Inv 2009 street) and park street data (Tree Inv 2009 park). For this analysis, only the street tree data was used. This poster will explain verbally and visually the route taken to define the tree sites’ condition, removal status and replanting opportunity. Once replanting opportunities were identified, an short analysis of Somerville’s 2000 Census Block Group Data was conducted focusing on the following fields; median value of all owner-occupied housing units, percent of the population under 18, population below the poverty level and the median income per household at the block group level. Once these factors were analyzed, “opportunity block groups” were delineated to show where replanting should take precedent. The following methodology will explain these steps in more detail.

**Methodology**

**Step 1:** Load all of the following layers onto ArcGIS:

- Vacant Street Tree Sites
- Street Trees Being Removed
- Street Trees Being Replanted
- Priority Street Tree Planting Sites
- Street Tree Points by Parcel Land Use
- Vacant Street Tree Sites
- Street Trees Being Removed
- Street Tree Replanting Opportunities
- Vacant Street Trees
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