

## Student Map Set for the Building a Greenway: Case Study

Figure 1. Proposed trail network area with numbered trail heads

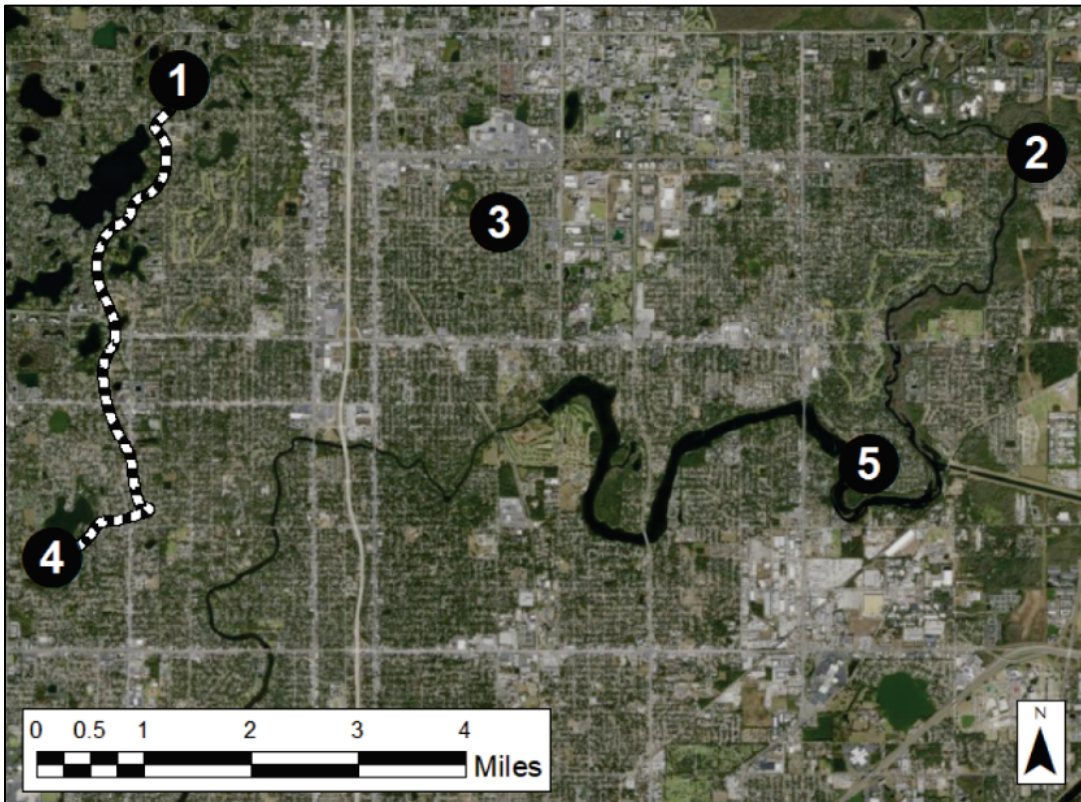


Figure 1 shows the pilot route proposed by the Parks and Recreation Department, which runs from trailhead 1 to 4.

Figure 2. Percent population over 64 years old, overlaid over percent green space

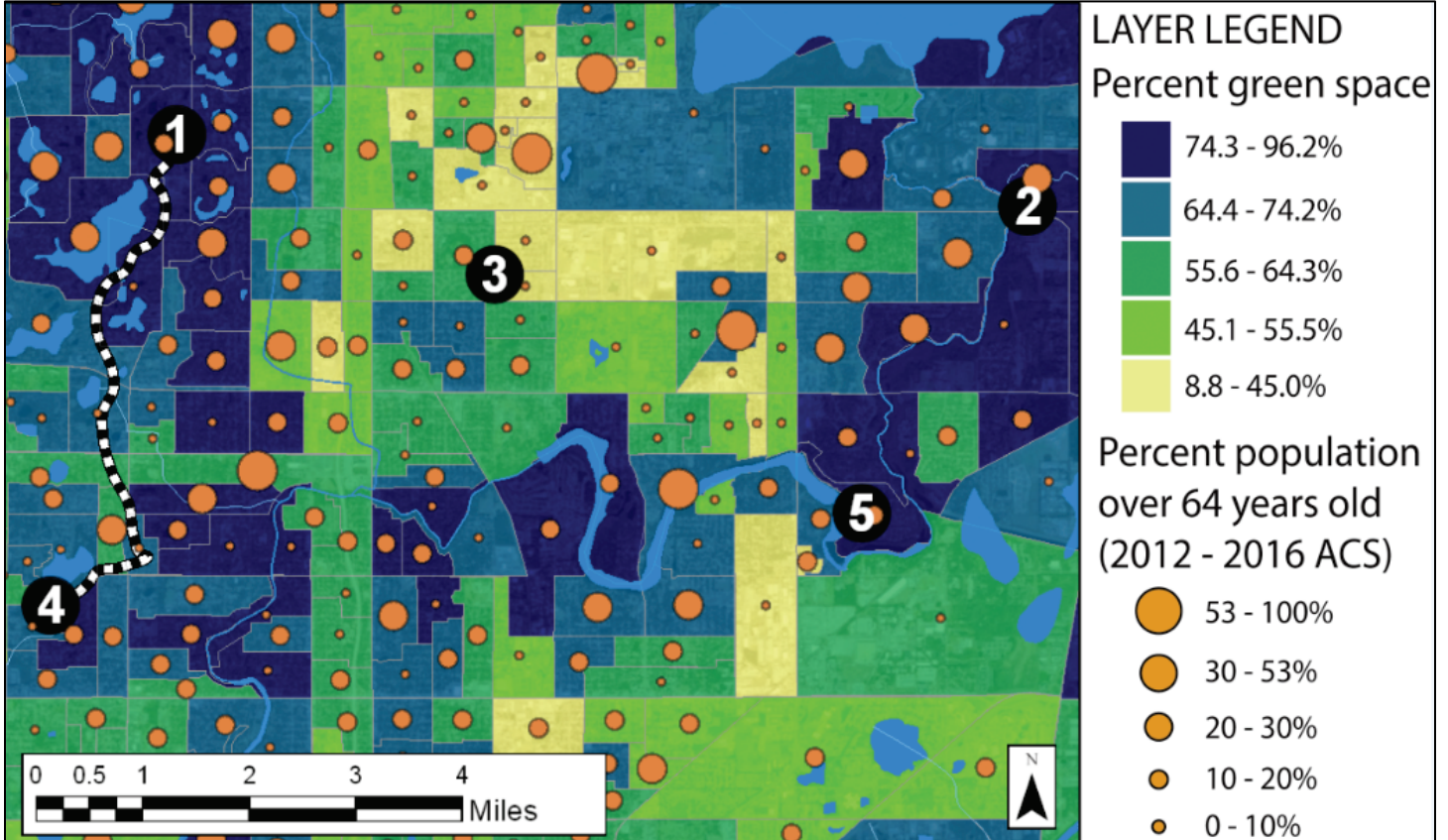


Figure 2 shows the percent of the Canton population that is over 64 years old, on top of a map showing percent green space in Canton. Waterbodies are shown in light blue.

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Figure 3. Estimated walking distance to a park entrance in the proposed trail area

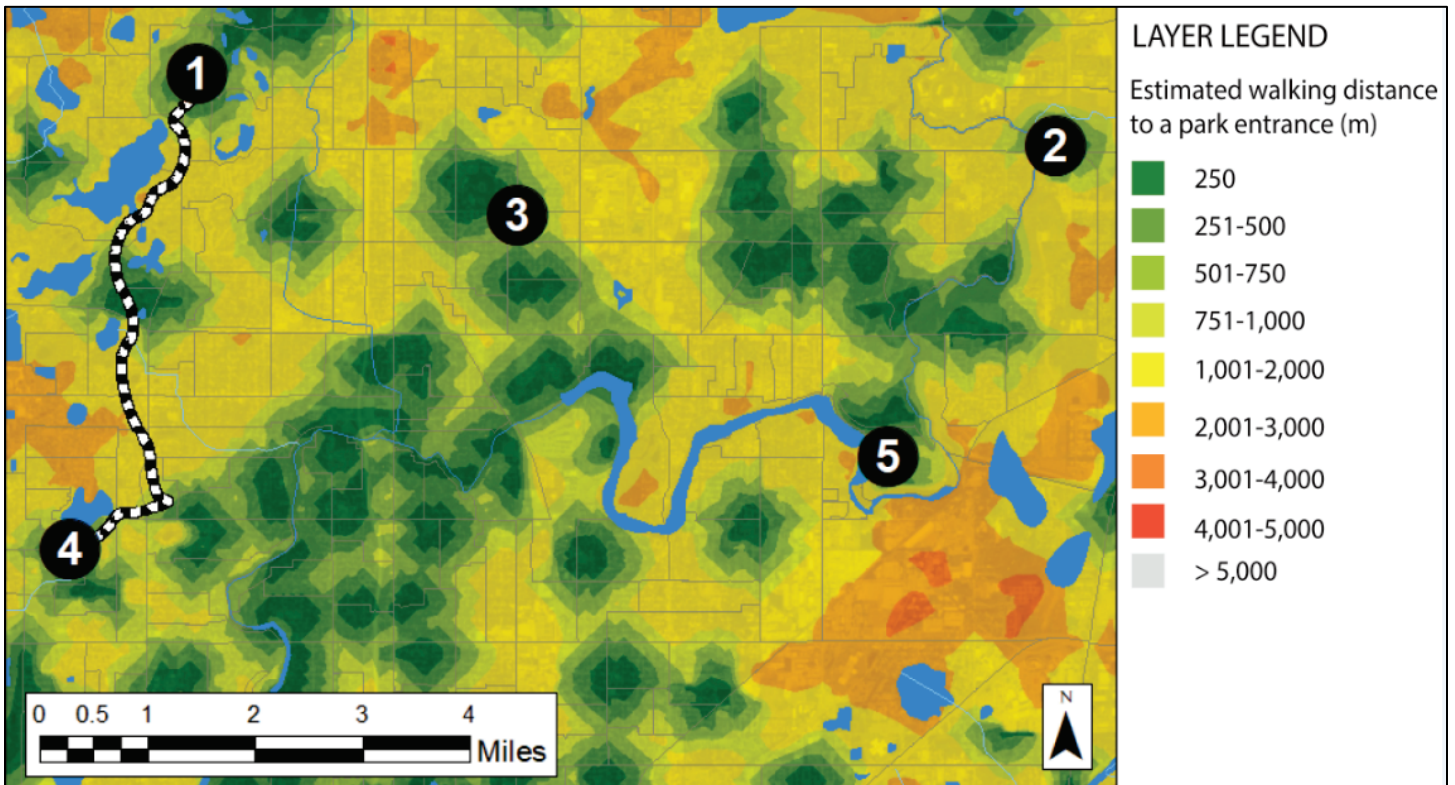


Figure 3 shows the estimated walking distance (in meters) via roads to a park entrance in the proposed trail network area. Waterbodies like lakes and streams are shown in light blue.

Figure 4. Natural land cover connectivity

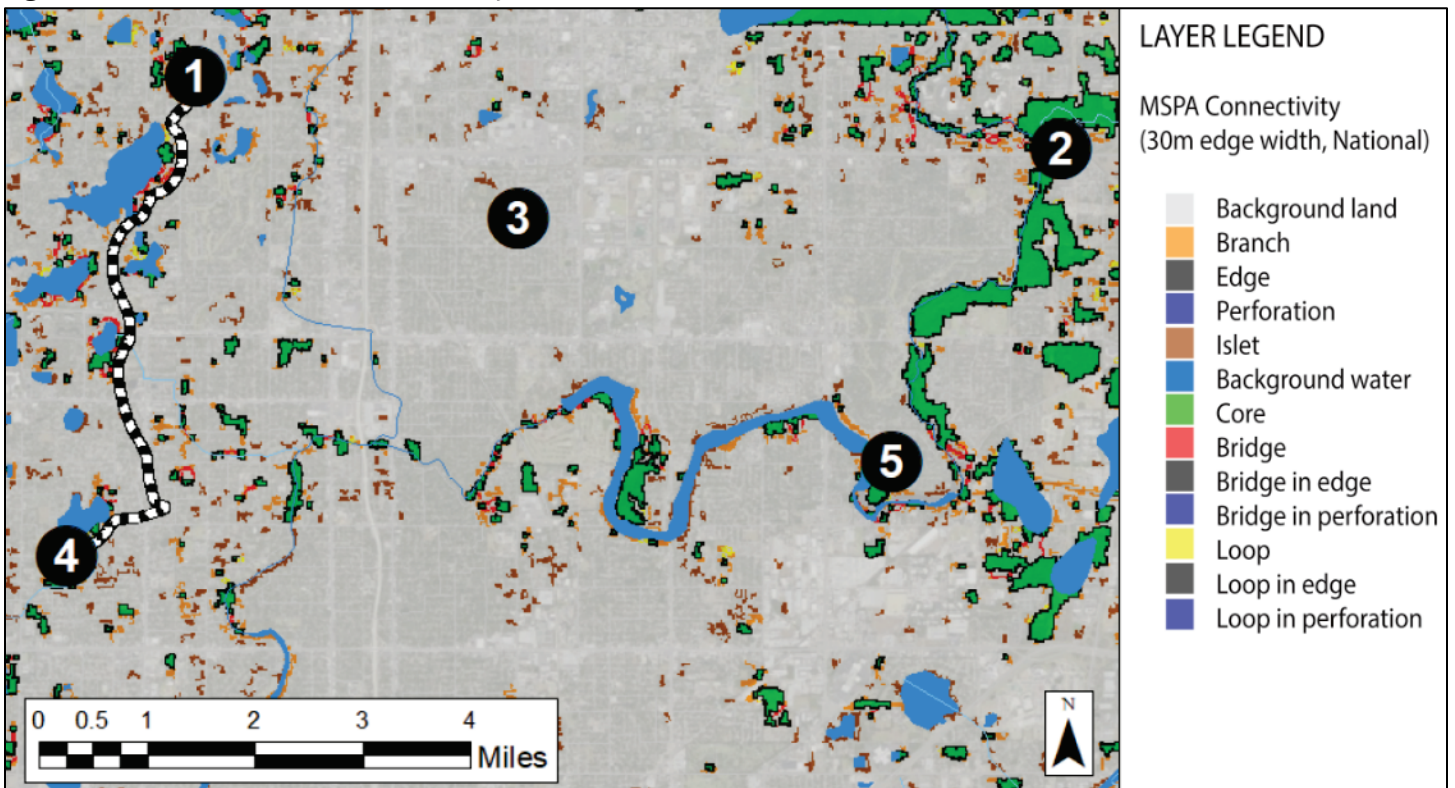


Figure 4 shows the connectivity of natural land cover types. This map can be used to identify areas that could be targeted for conservation or restoration efforts. In this map, the green “core” areas are patches of natural land cover.

Figure 5. Land cover classification

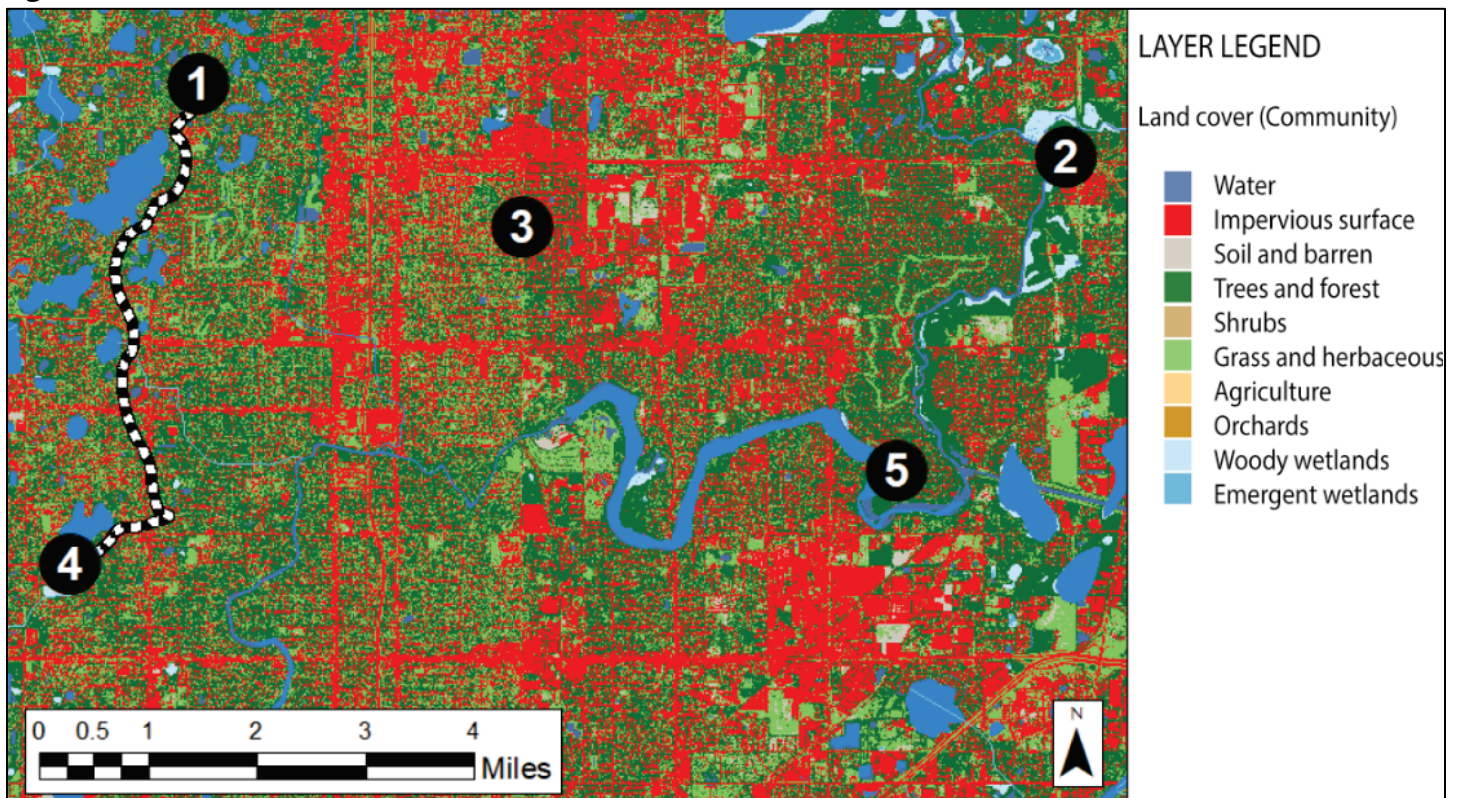


Figure 5 shows the area of interest in Canton with the landscape classified into 10 land cover types.

Figure 6. Residential population not within 500m of a park entrance

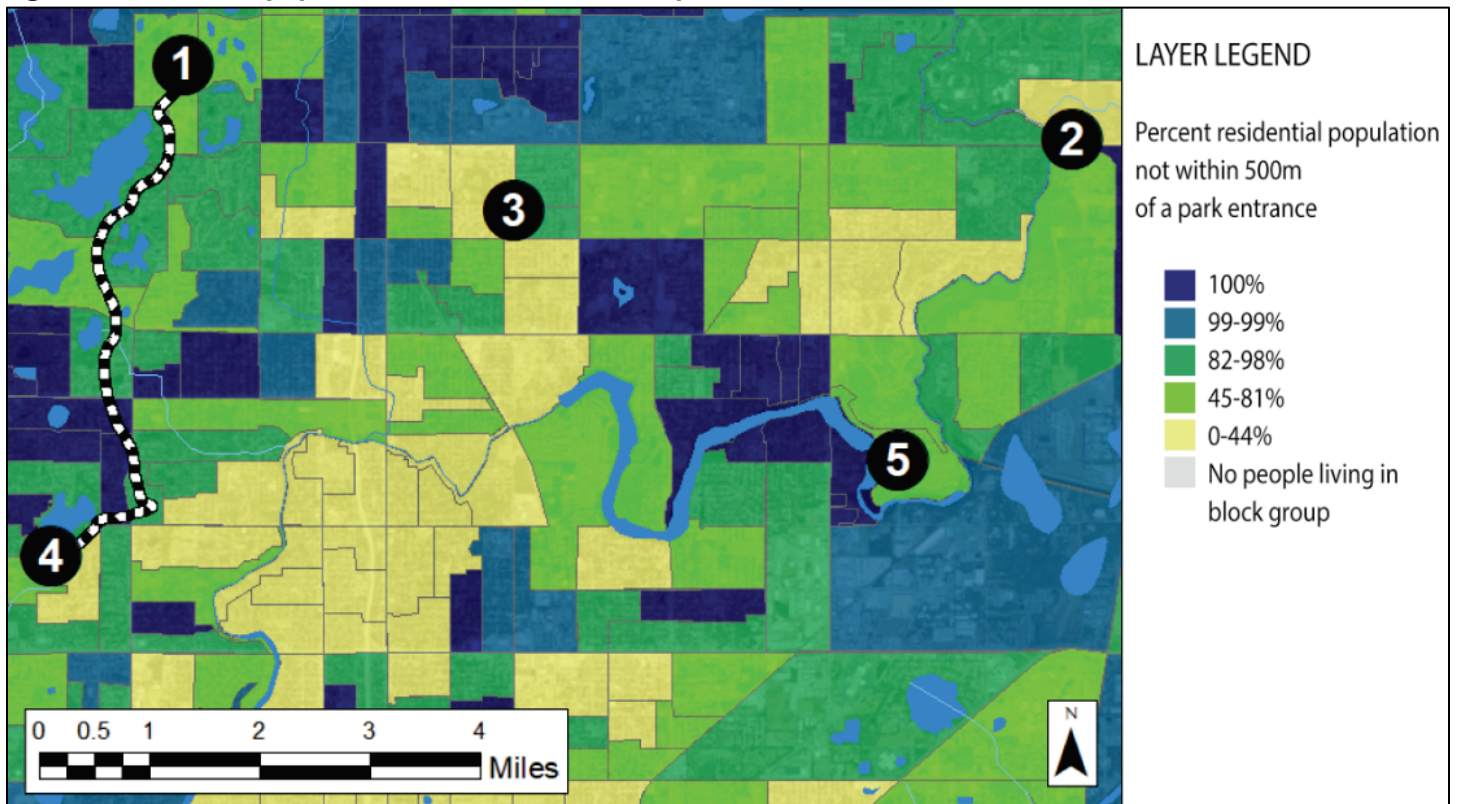


Figure 6 shows the percent of the residential population that does not live within 500 meters of a park entrance, summarized by census block group.

Figure 7. Pedestrian-oriented street intersection density

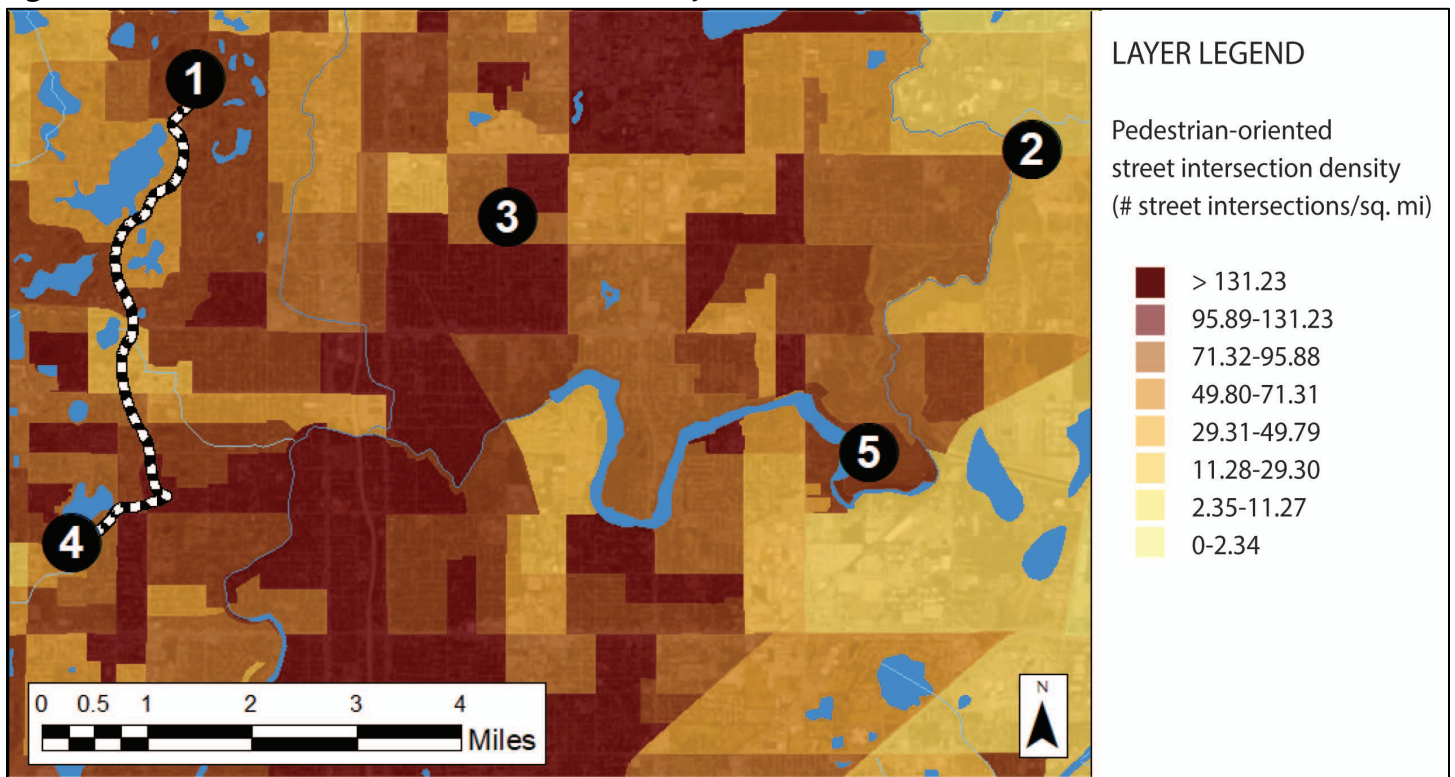


Figure 7 shows the pedestrian oriented intersection density in the area of interest in Canton. Intersection density is the number of intersections per square mile and is a factor in the overall walkability of an area.

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**Other Maps to Consider.** These maps were not presented by the Parks and Recreation Department but may be useful in considering the best pilot route for the City of Canton.

**Figure A1. Percent tree cover, overlaid with percent households below the US poverty level**

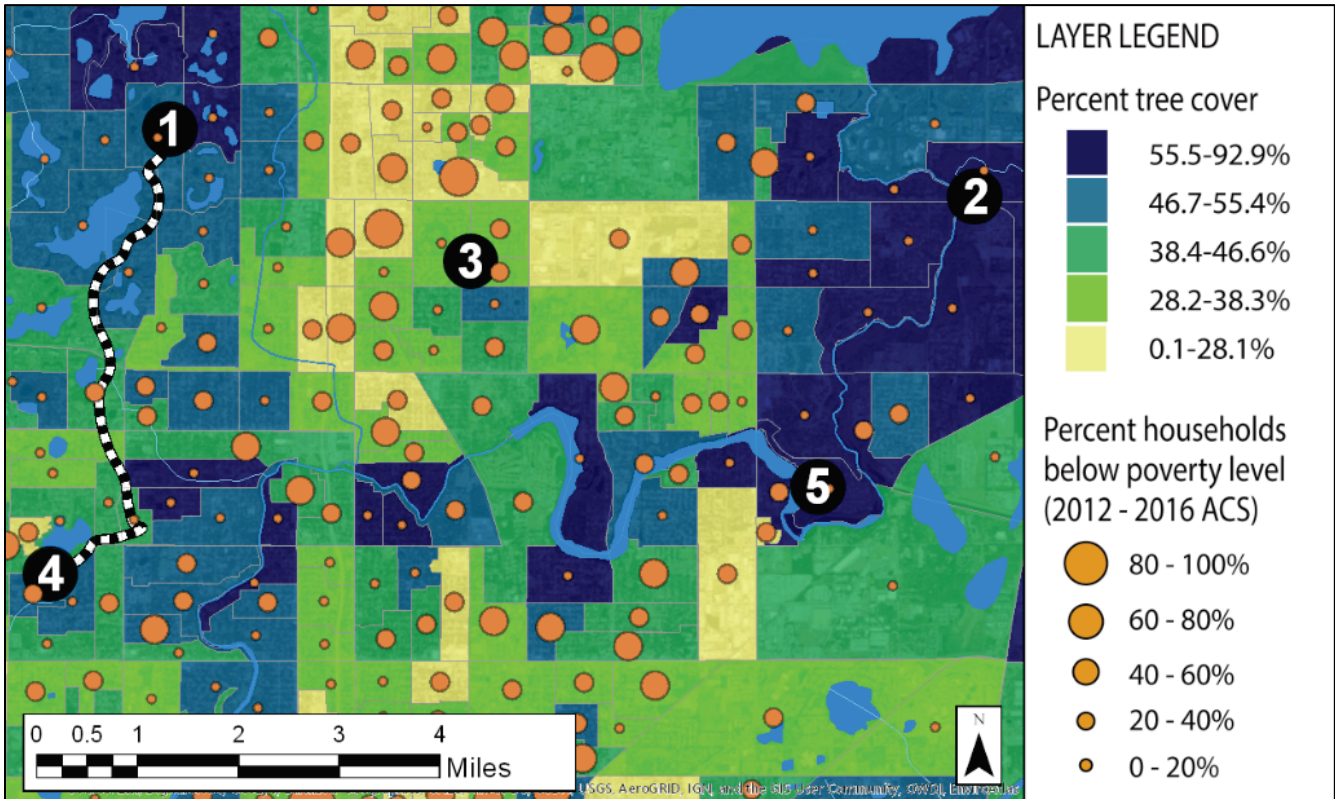


Figure A1 shows the population with income below the US poverty level overlaid on top of percent tree cover.

**Figure A2. Dasymetric allocation of population**

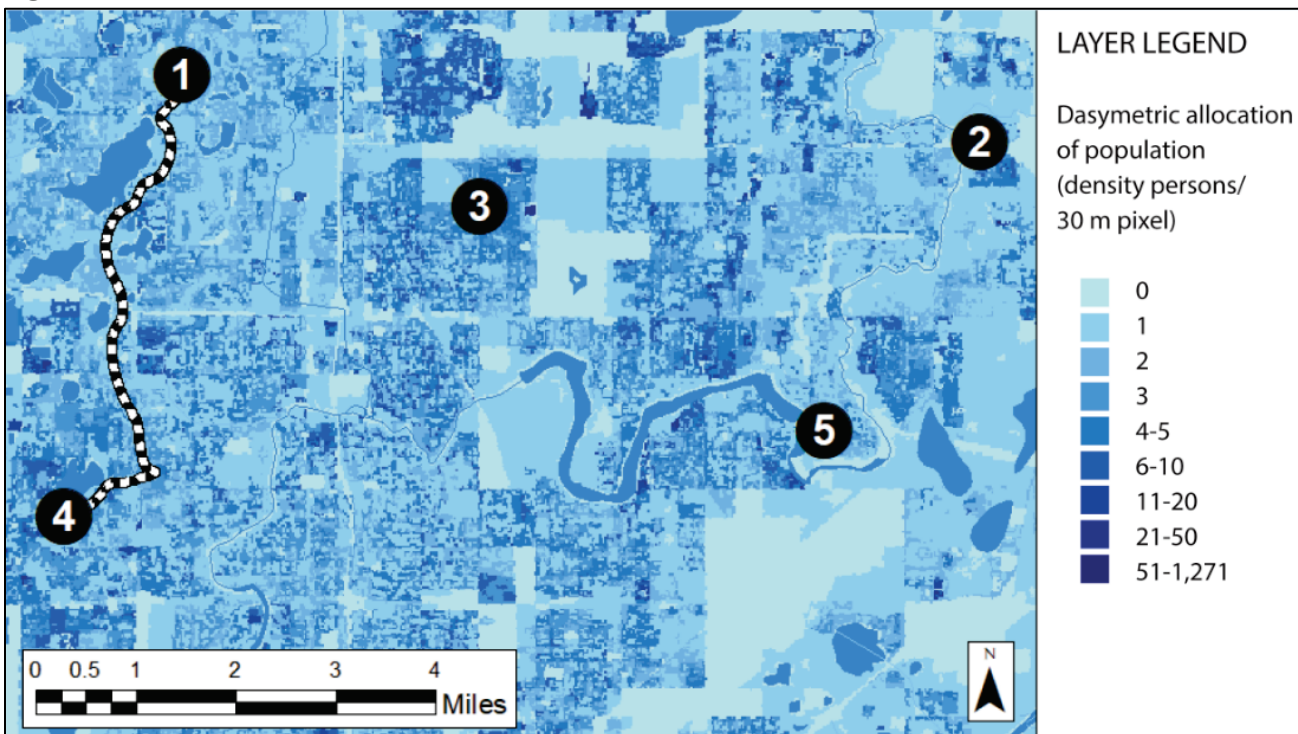


Figure A2 shows the dasymetric allocation of population for the Canton area. This means that the population is distributed to depict where people may actually live (e.g. not in waterbodies). In the map above, the darker colors represent areas where more people live and the lighter colors are where fewer people live.

Figure A3. Vacancy of business addresses

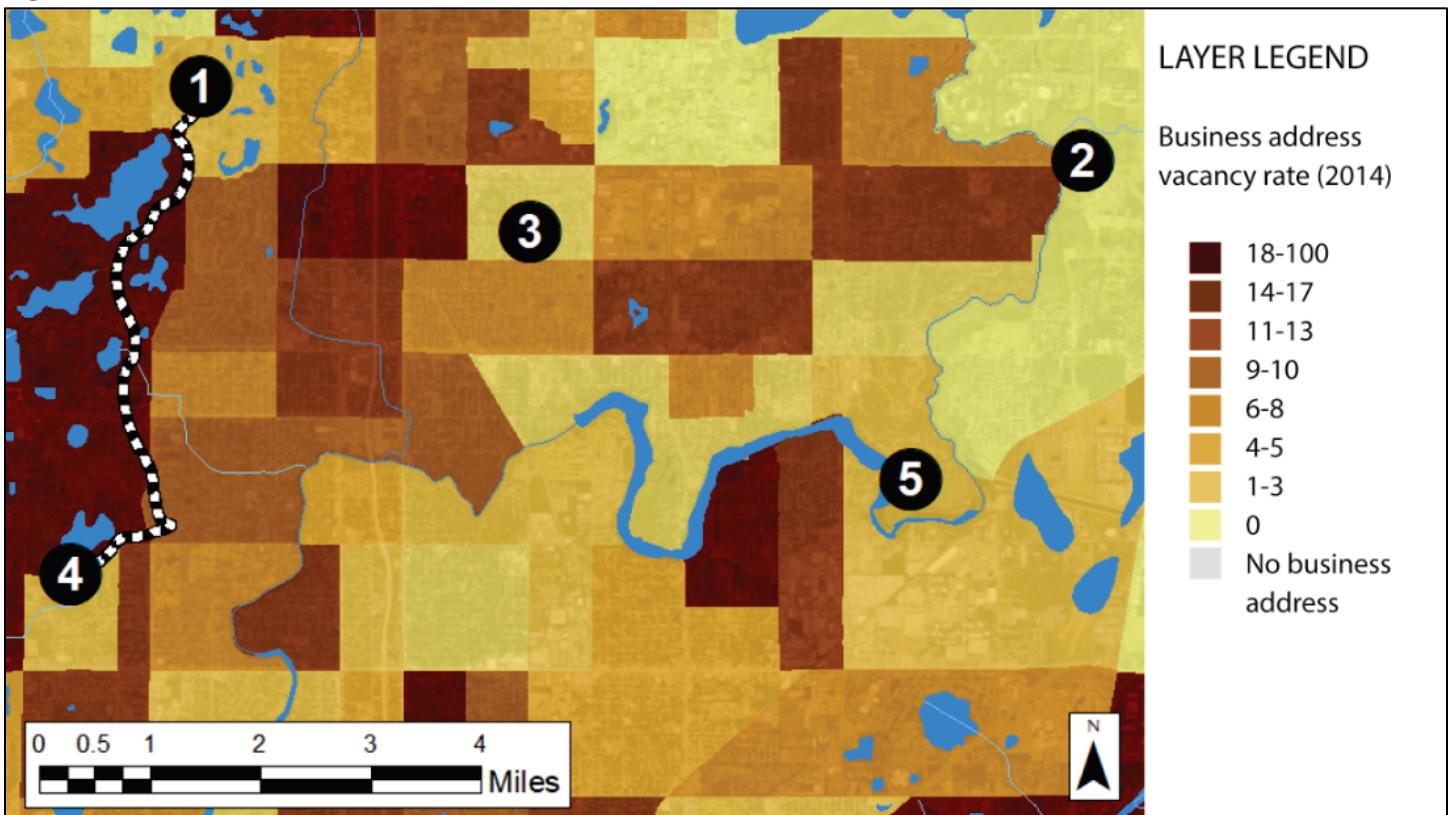


Figure A3 shows the percentage of local business addresses that had remained vacant for more than one year in 2014. The information is based on the United States Postal Service (USPS) Vacant Address Data.

Figure A4. Percent of workers who bike or walk to work

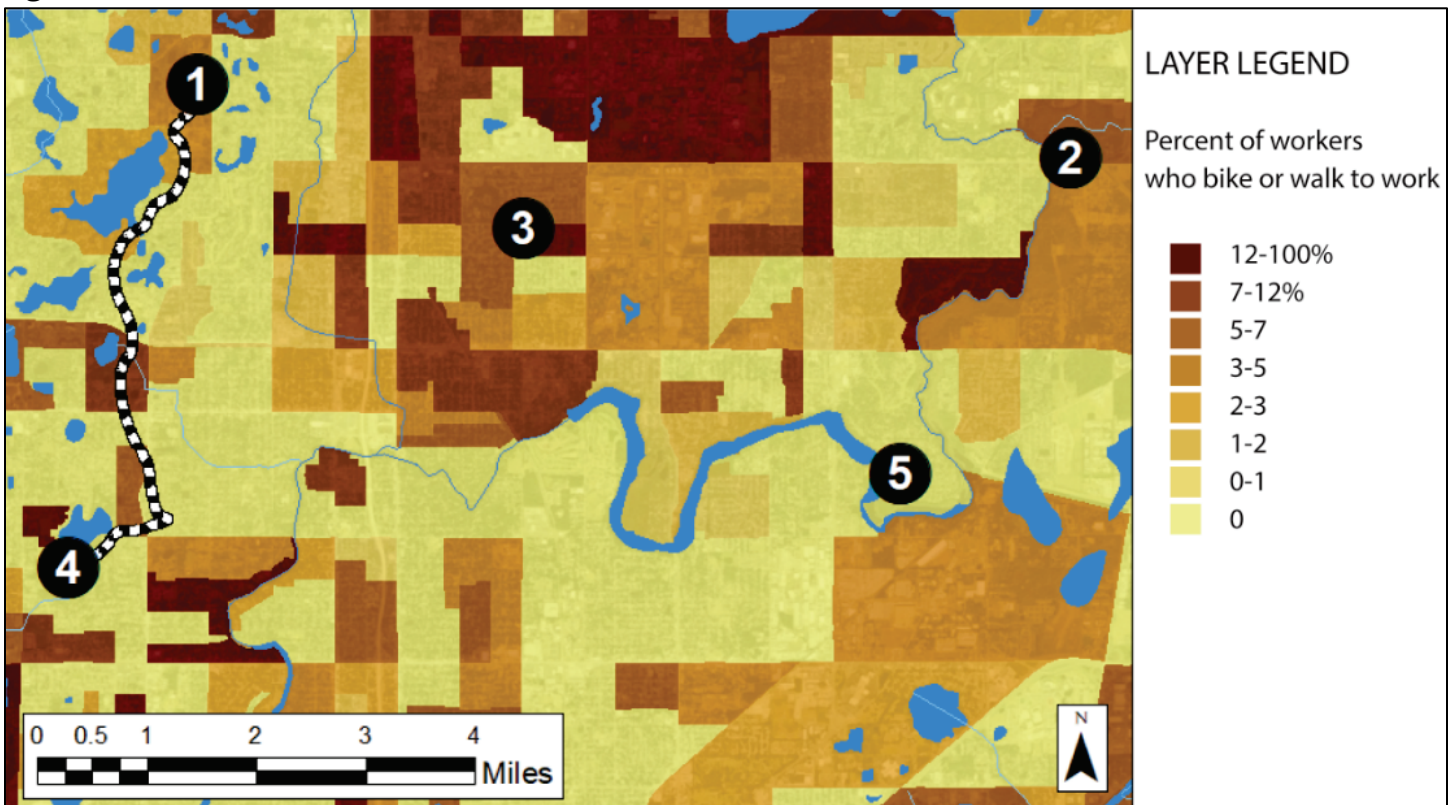


Figure A4 shows the percent of workers in Canton who bike or walk to work.