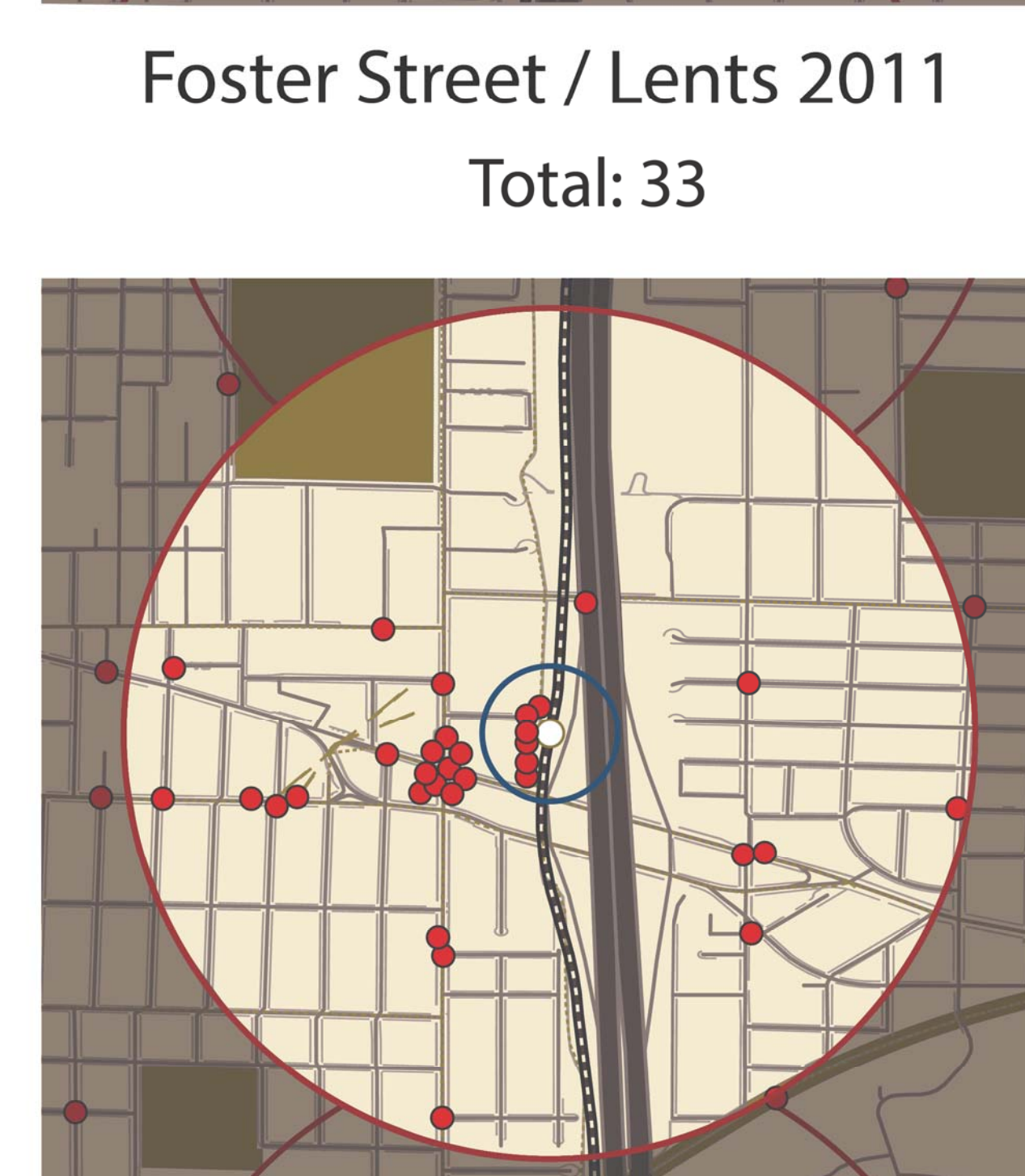
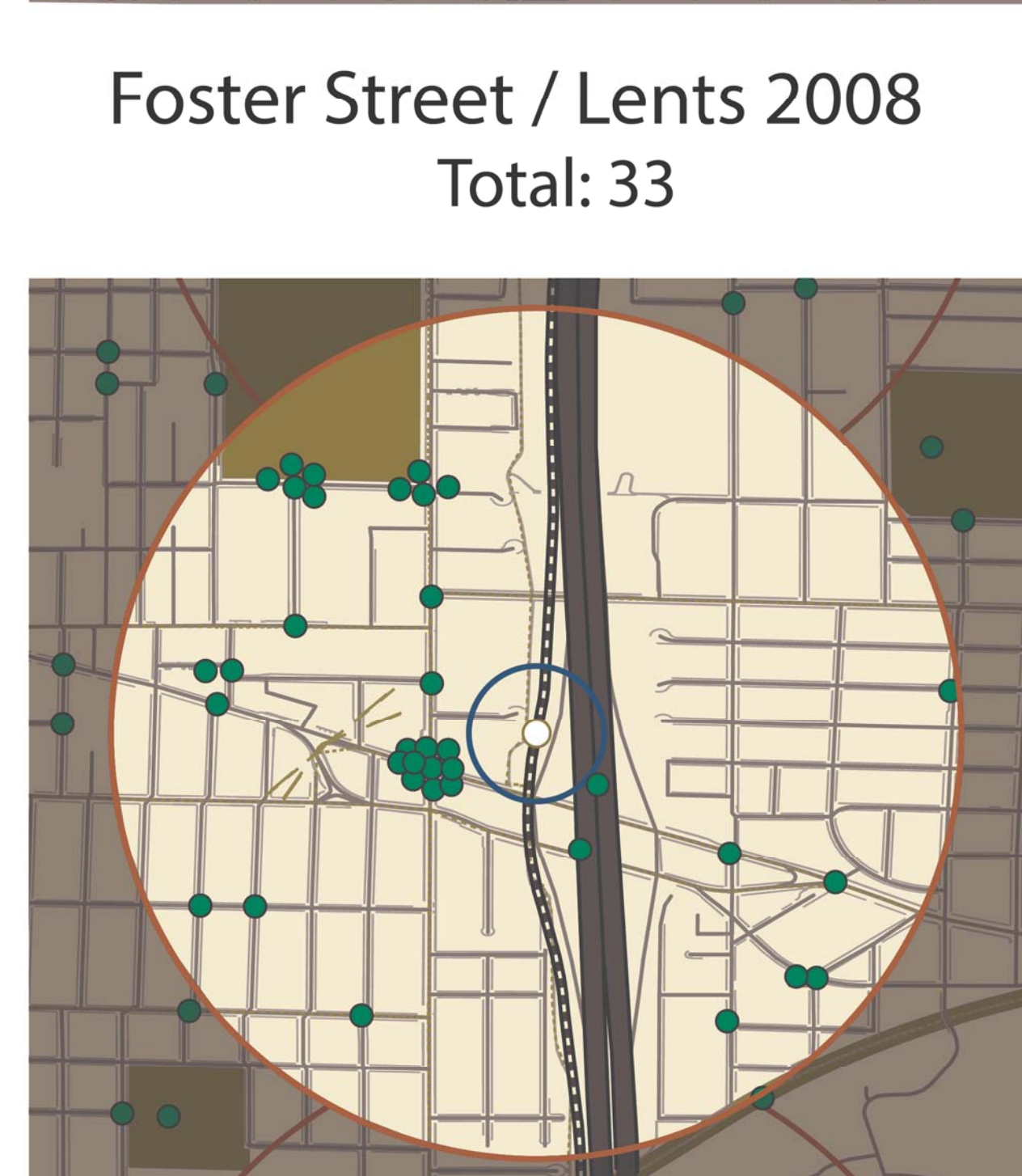
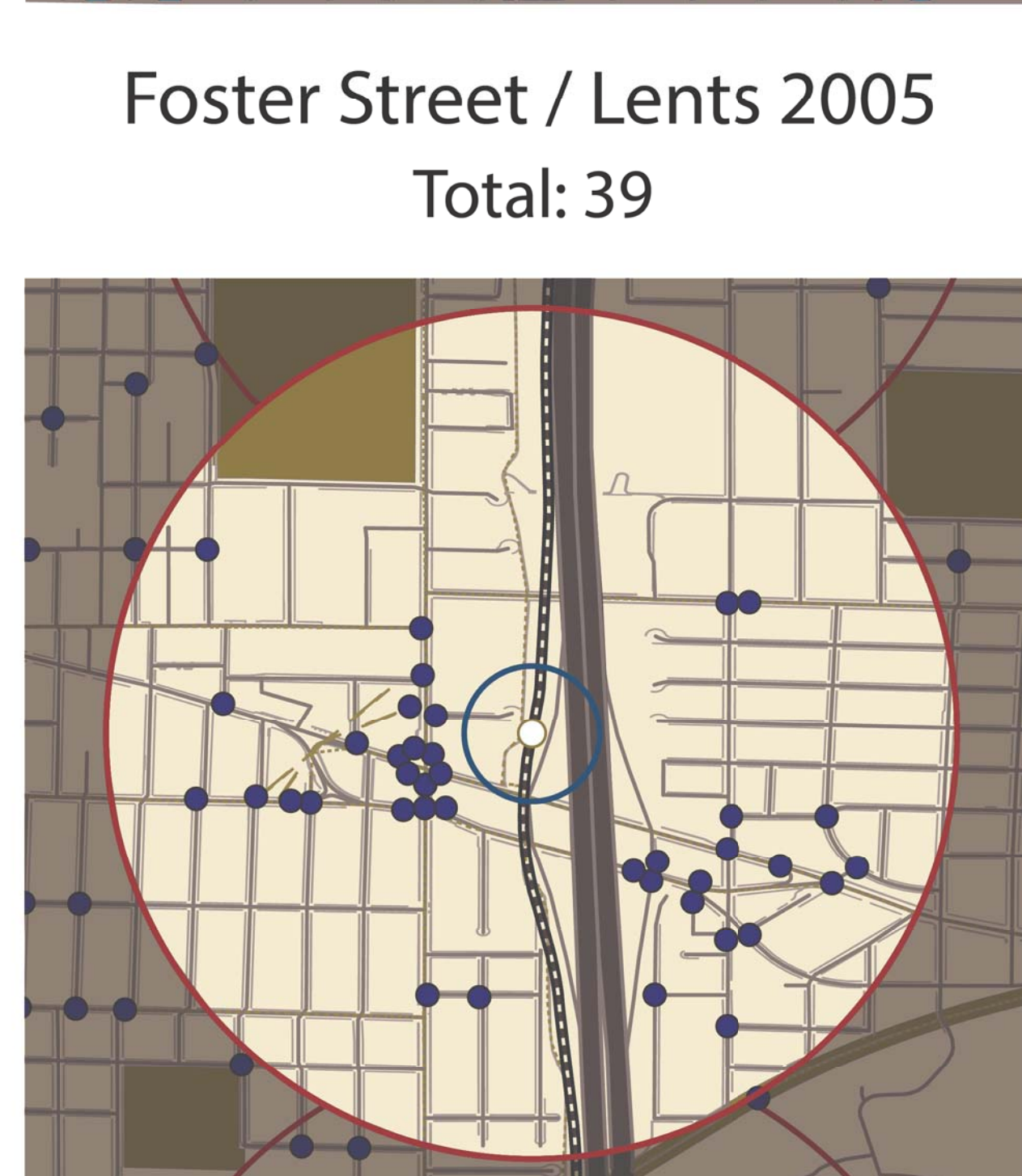
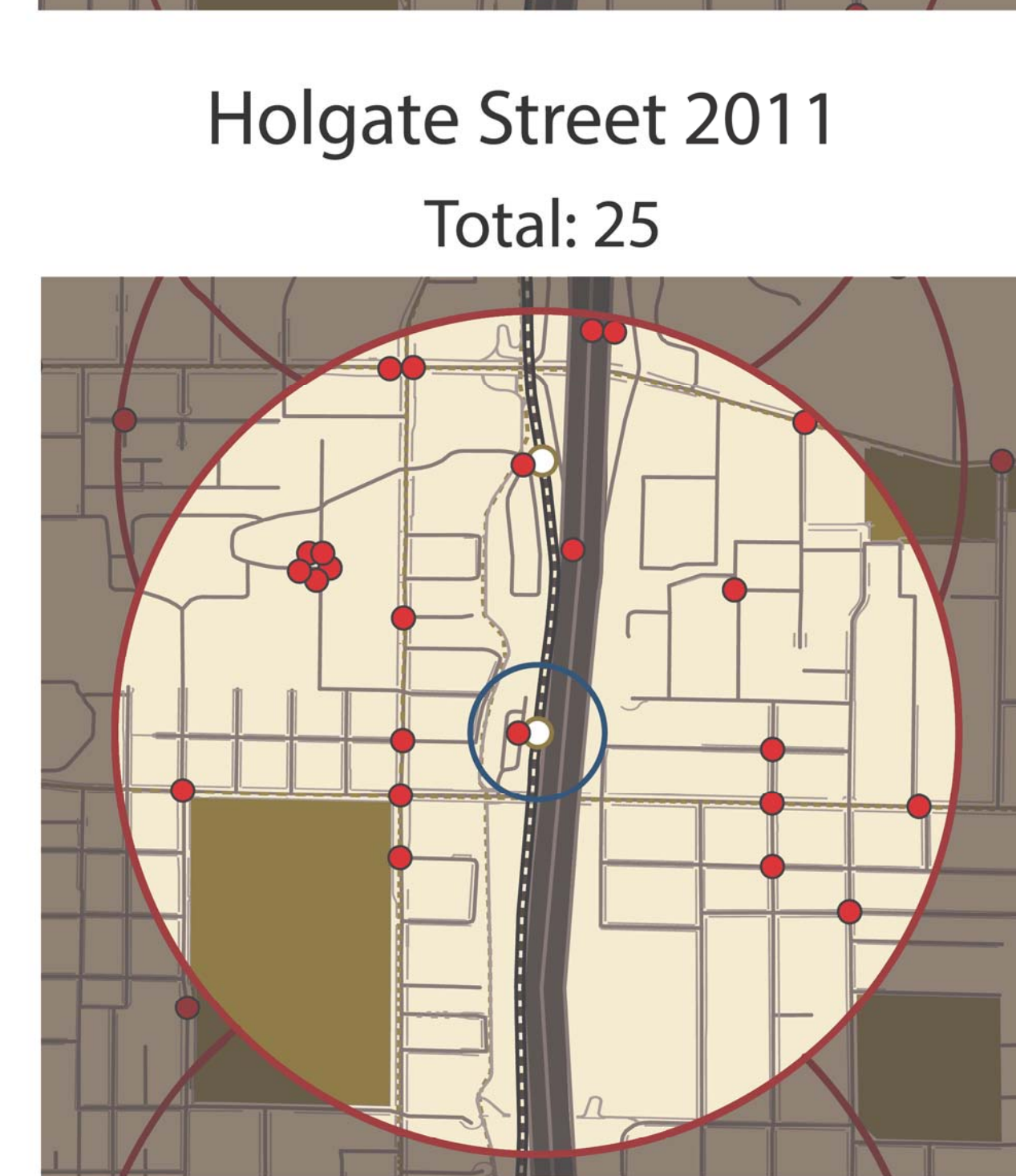
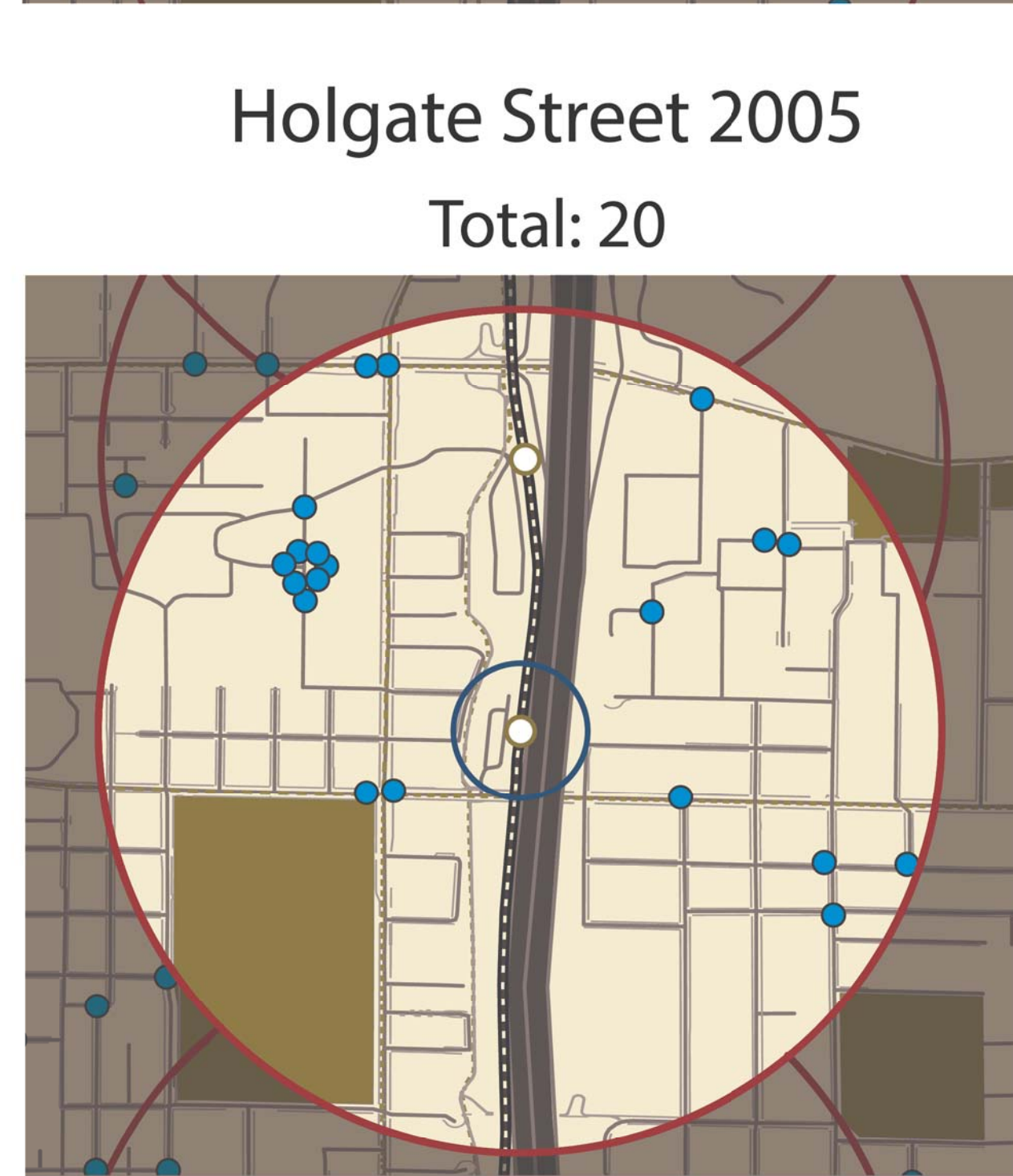
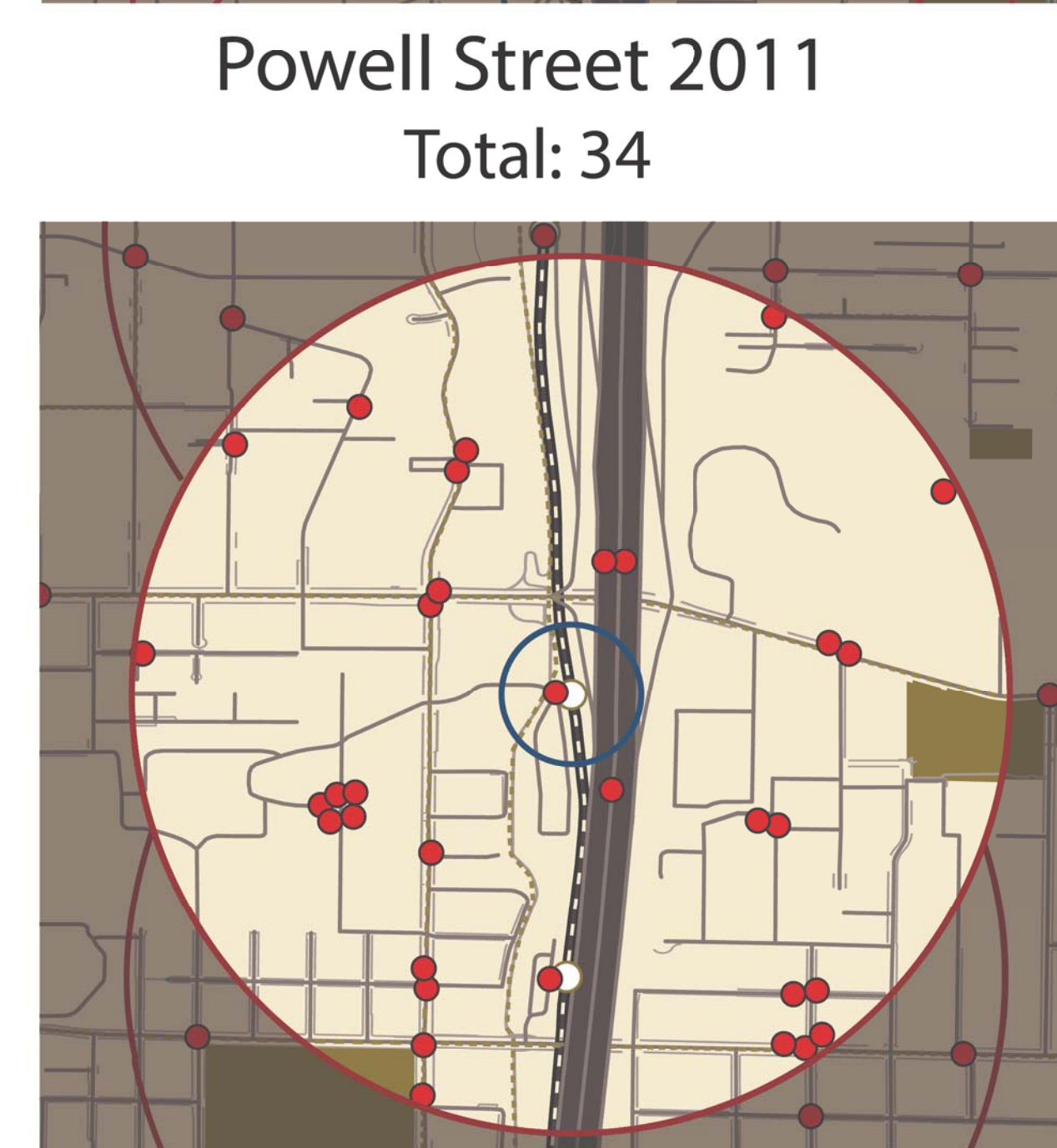
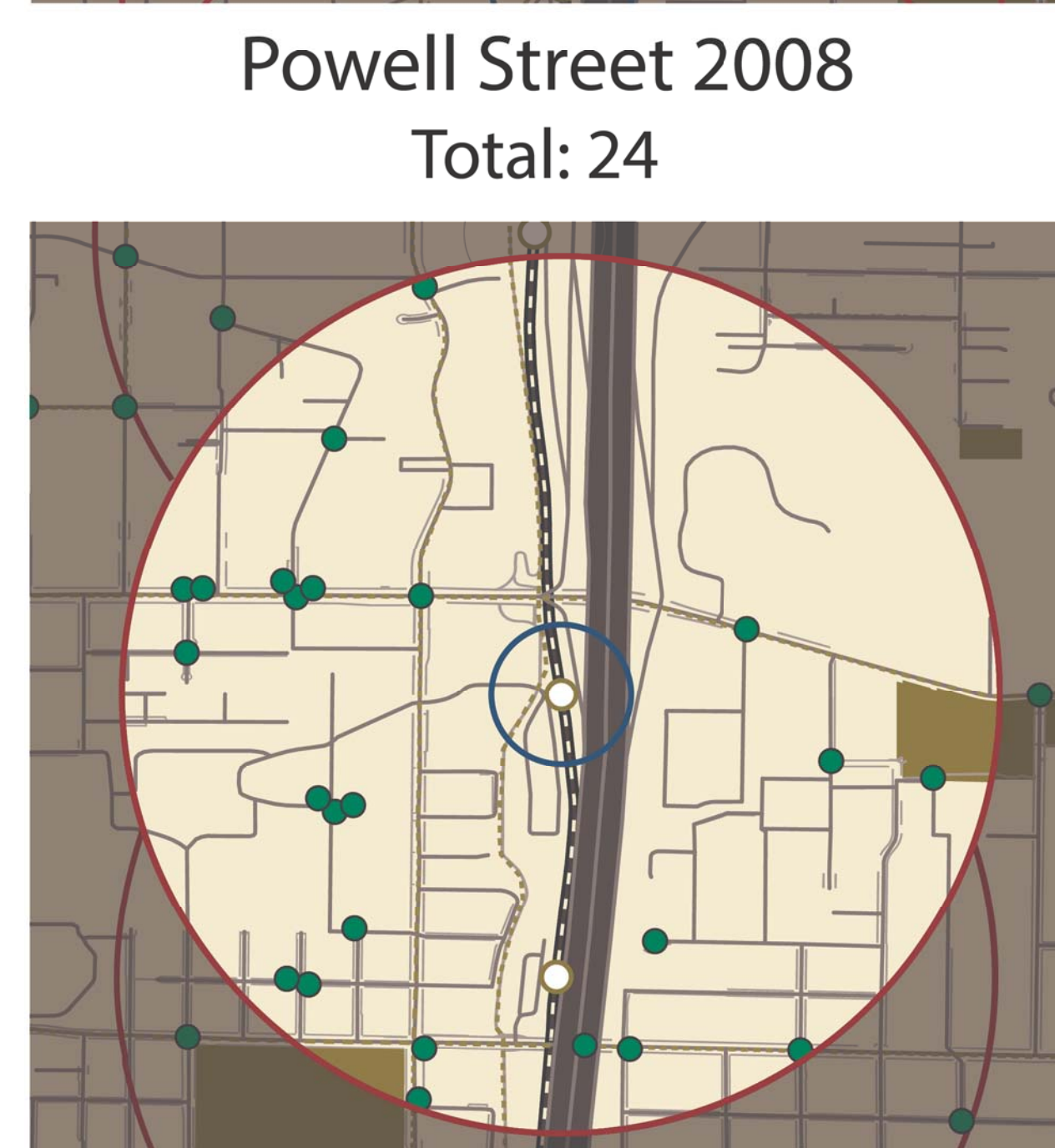
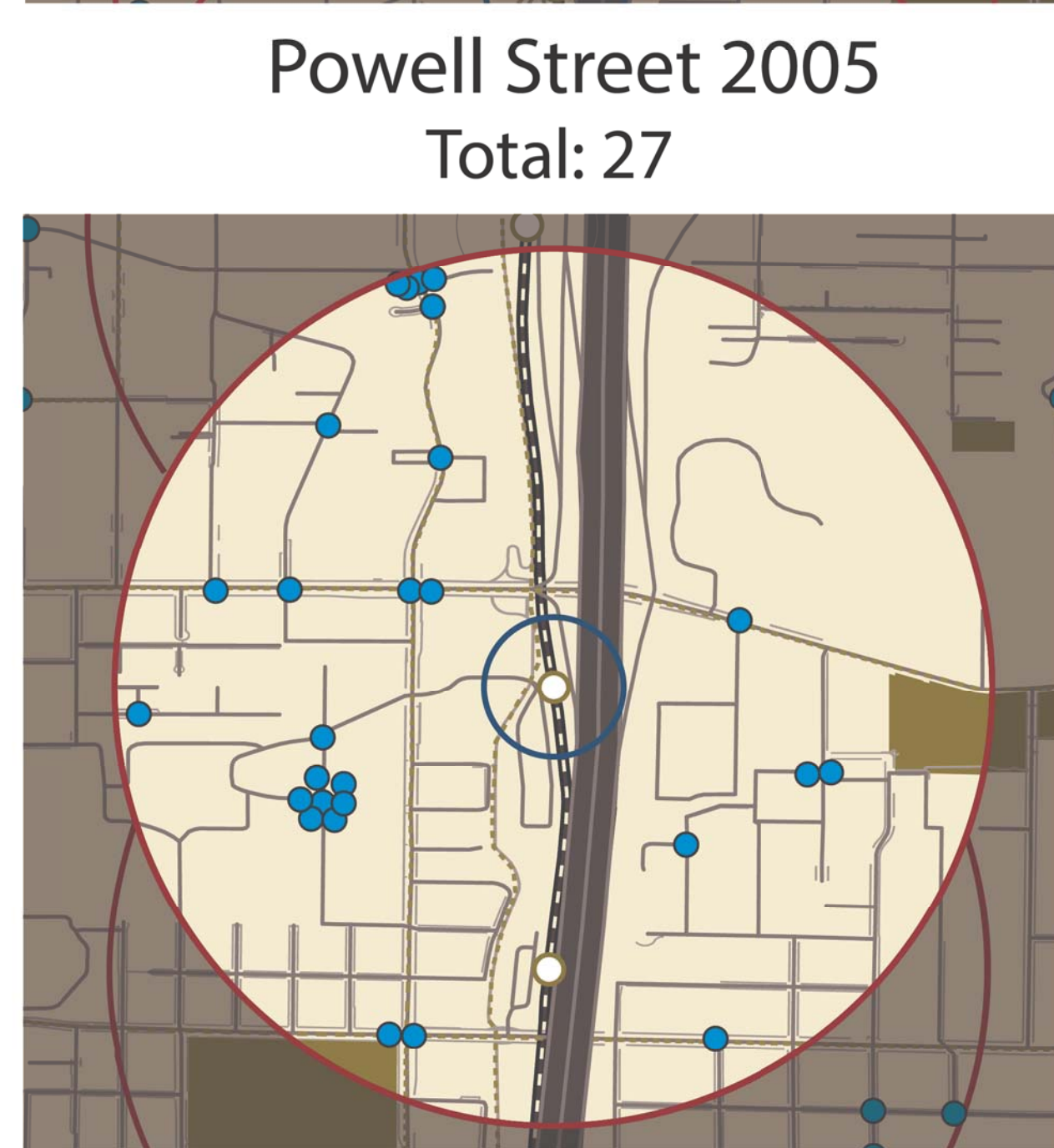
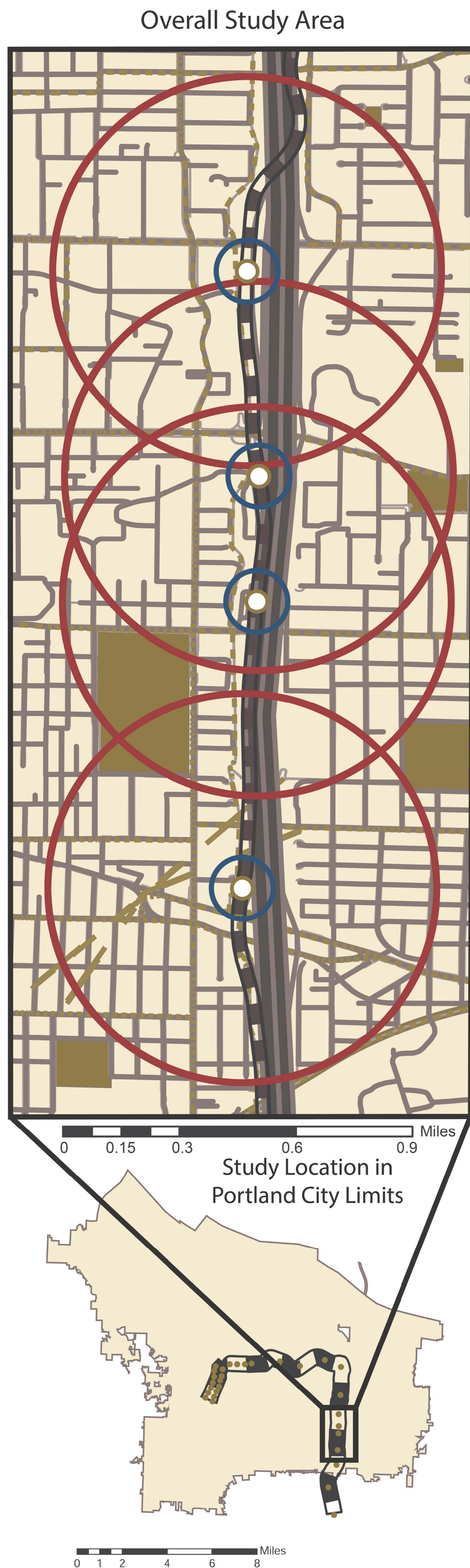


Should You Get off the Train: Did the Addition of the Trimet MAX Green Line Have a Positive Correlation with Assault Rate?



Hypothesis:

We believe that the addition of the Trimet MAX Green Line along the I-205 corridor would increase the amount of crime in each of the areas where there was a stop placed.

Methodology:

We used crime data from 2005, 2008, and 2011 to create 420 foot and 1/2 mile buffers around the four studied stops.

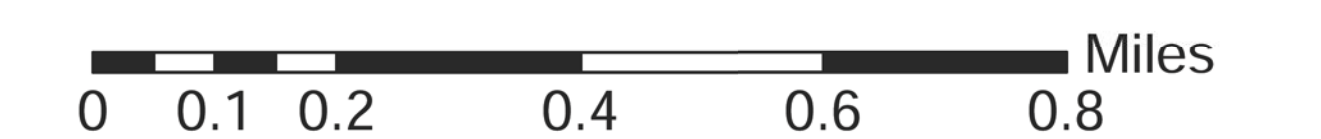
Results:

Even though we believed that crime would end up being directly related to the MAX stops, the analysis proved that the rates of assault and the stops are not completely related. There was not a substantial increase in crime in the years after the Green Line became operational in 2005. Additional factors such as income, education level, age, race, and population density would need to be taken into account for a more complete analysis.

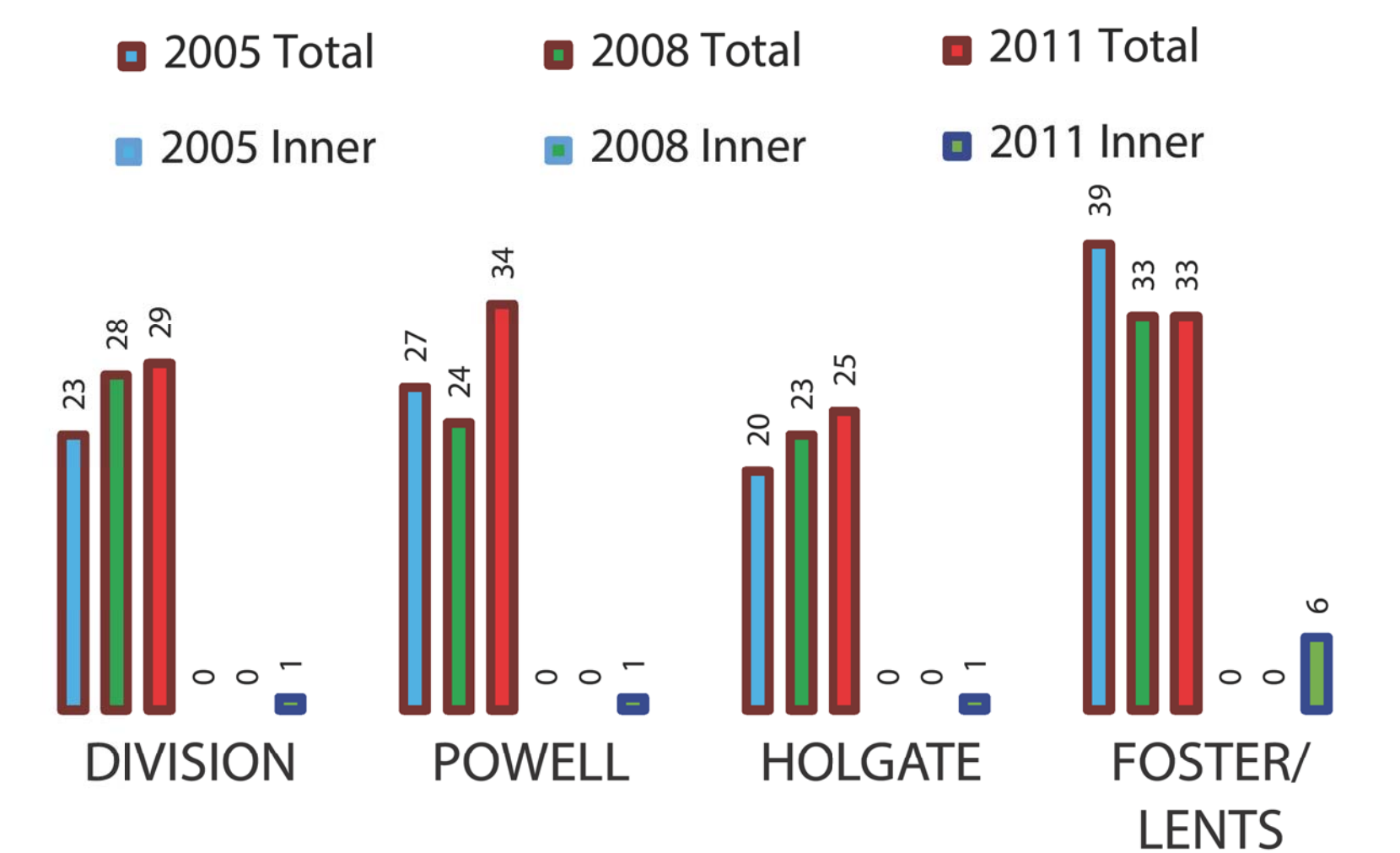
Legend:

- 2005 Assault ● 2008 Assault ● 2011 Assault
- Green Line Stop ○ 420 Foot Buffer ○ 1/2 Mile Buffer
- Street — Sidewalk - - - Bike Path ■ MAX Light Rail
- Interstate 205 ■ Park

Max Stop Map Scale:



Total and Inner Buffer Assaults



All Maps: