FAMPO'S BICYCLE DEMAND ANALYSIS & BIKE/PED COUNTING PROGRAM

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BICYCLE DEMAND ANALYSIS

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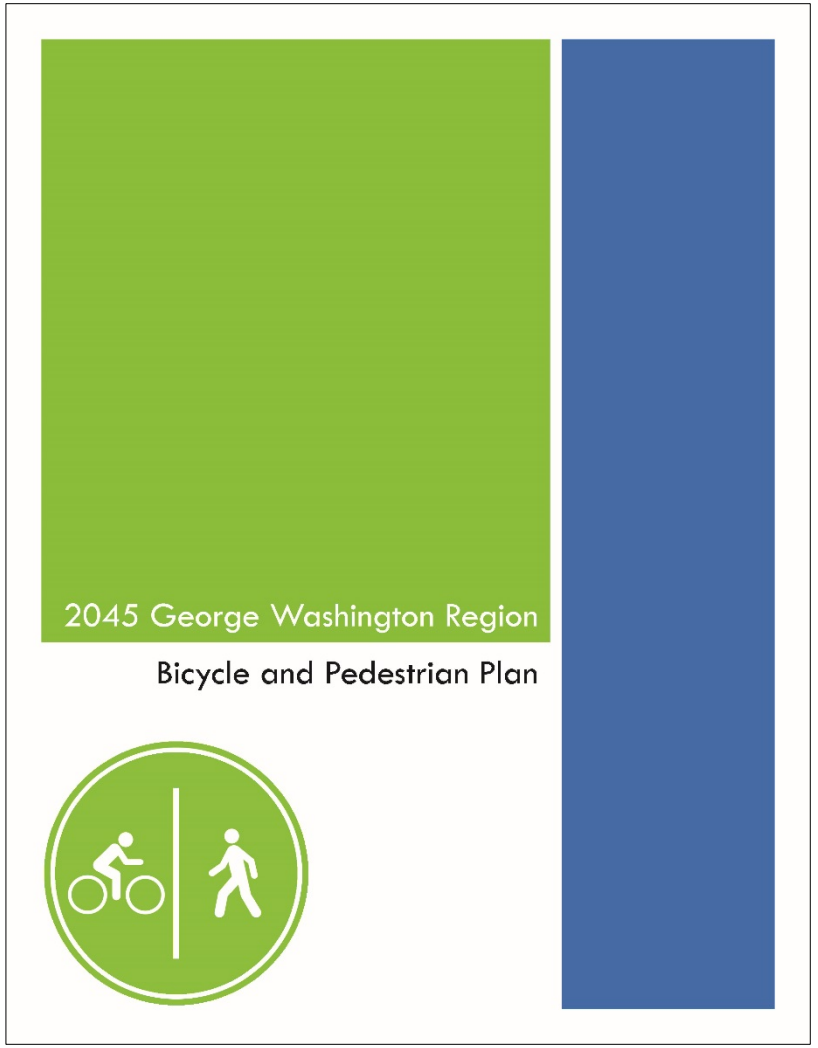
Bicycle Demand Analysis Background

- Updating regional bike/ped plan
  - Complement to Bicycle Level of Stress (BLOS) analysis
- Provides a method of prioritizing bicycle improvements
- Overlay BLOS with demand analysis to see where to get the biggest bang for the buck



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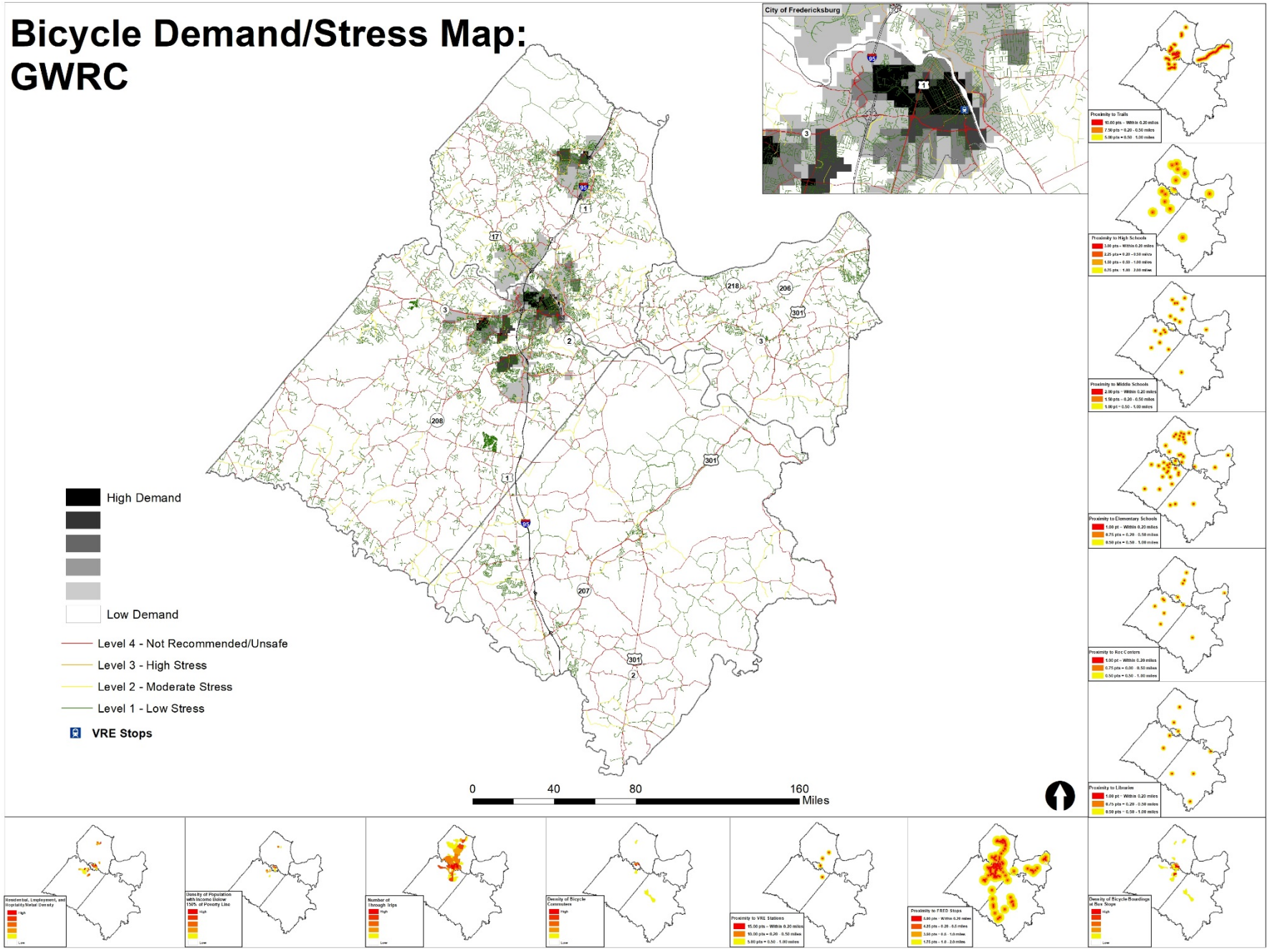
Bicycle Demand Analysis Methodology

- Based on Montgomery County, MD
- 16 factors that typically correlate with bicycling
  - Census data (i.e., residential density)
  - Proximity to existing bicycle infrastructure and transit stops
  - Proximity to government facilities and schools
  - Through trip demand
- Factors weighted based on perceived importance
- More information:
  - https://www.fampo.gwregion.org/wp-content/uploads/Chapter-4.pdf

Bicycle Demand/Stress Map: GWRC



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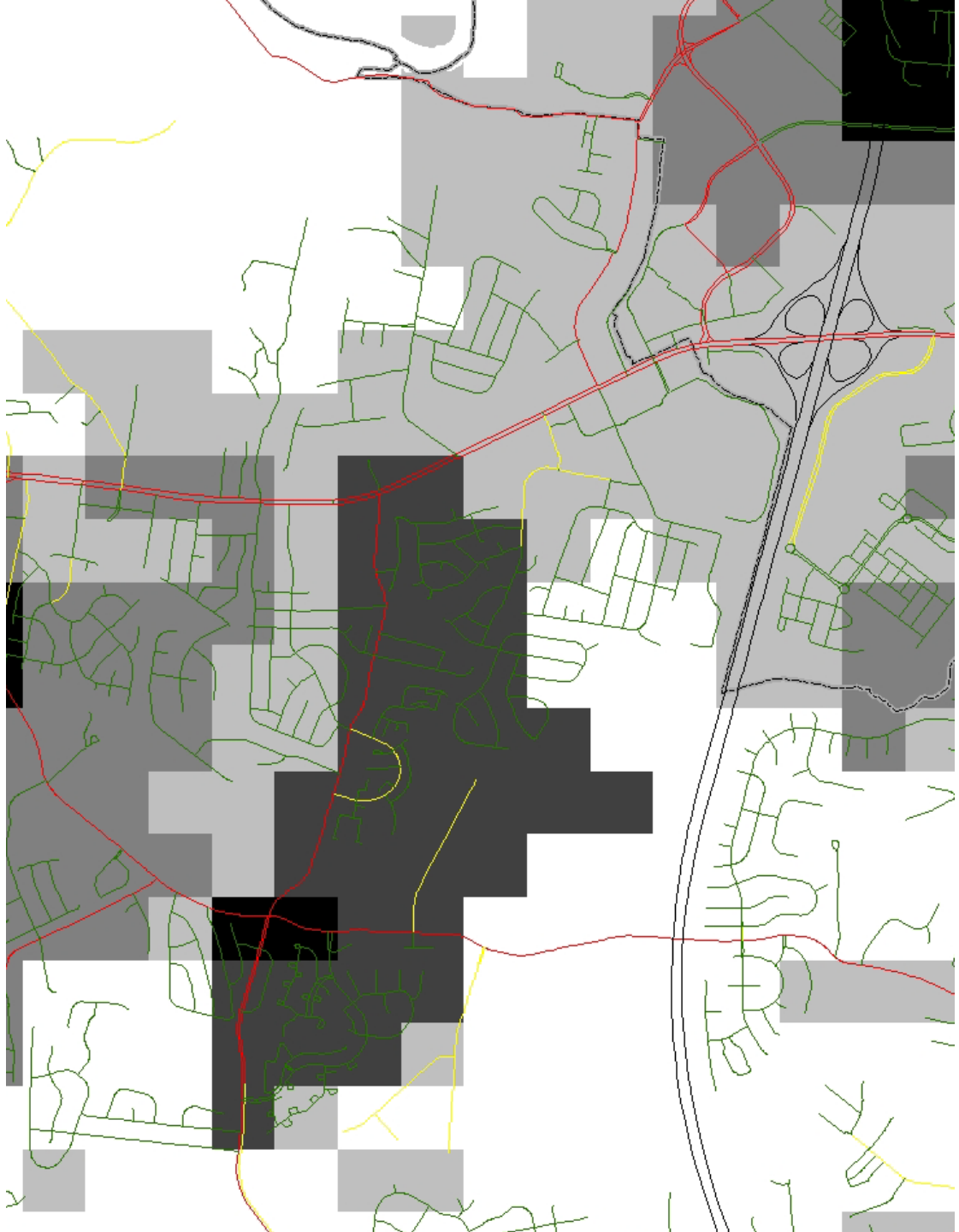

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BIKE/PED COUNTING PROGRAM

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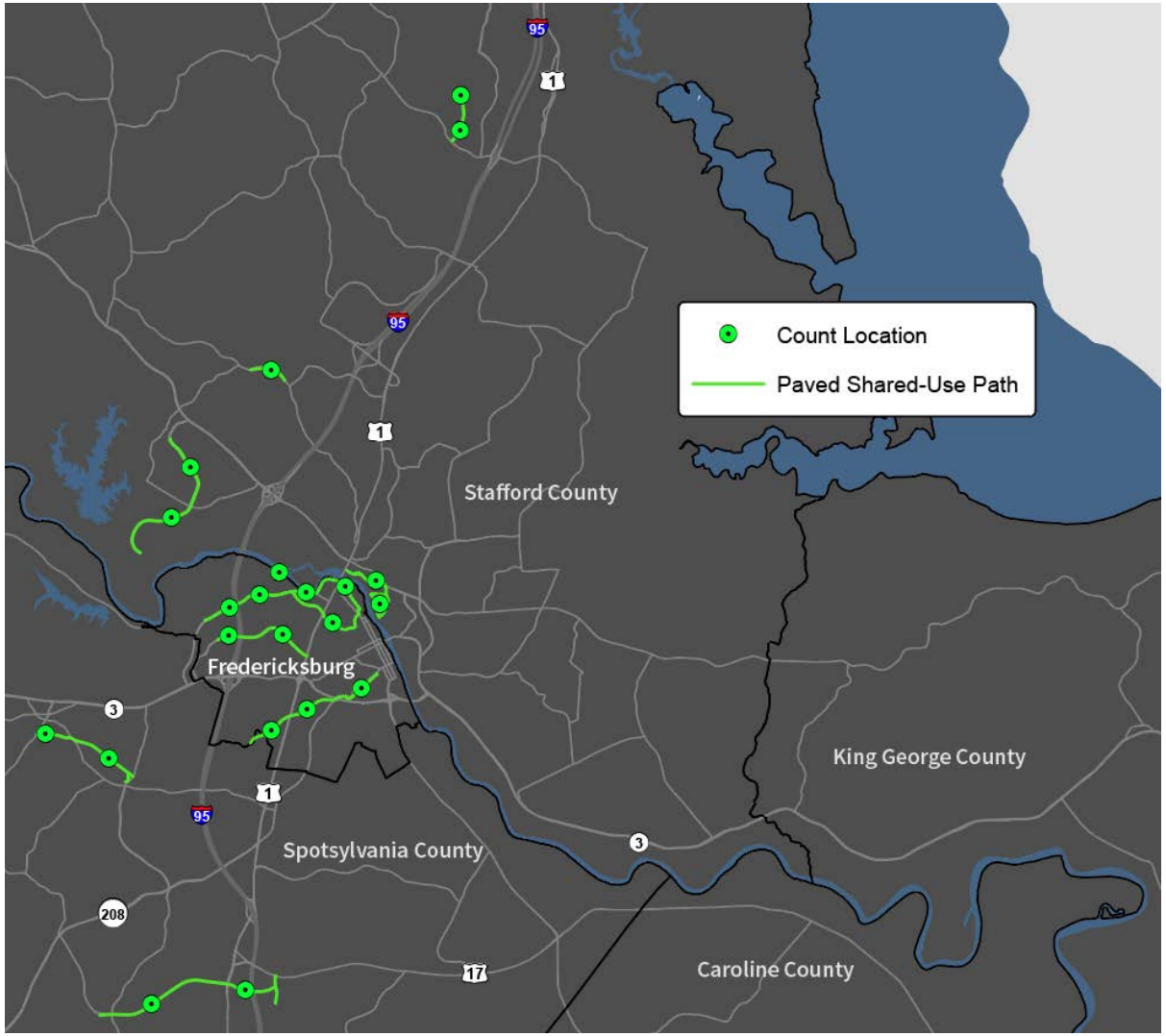
Program Overview

- Counting program began in 2017
- Goals
  - Track numbers and trends over time and report those to the public and decision makers
  - Evaluate the impacts of specific projects
  - Make smarter investments
  - Smart Scale application support

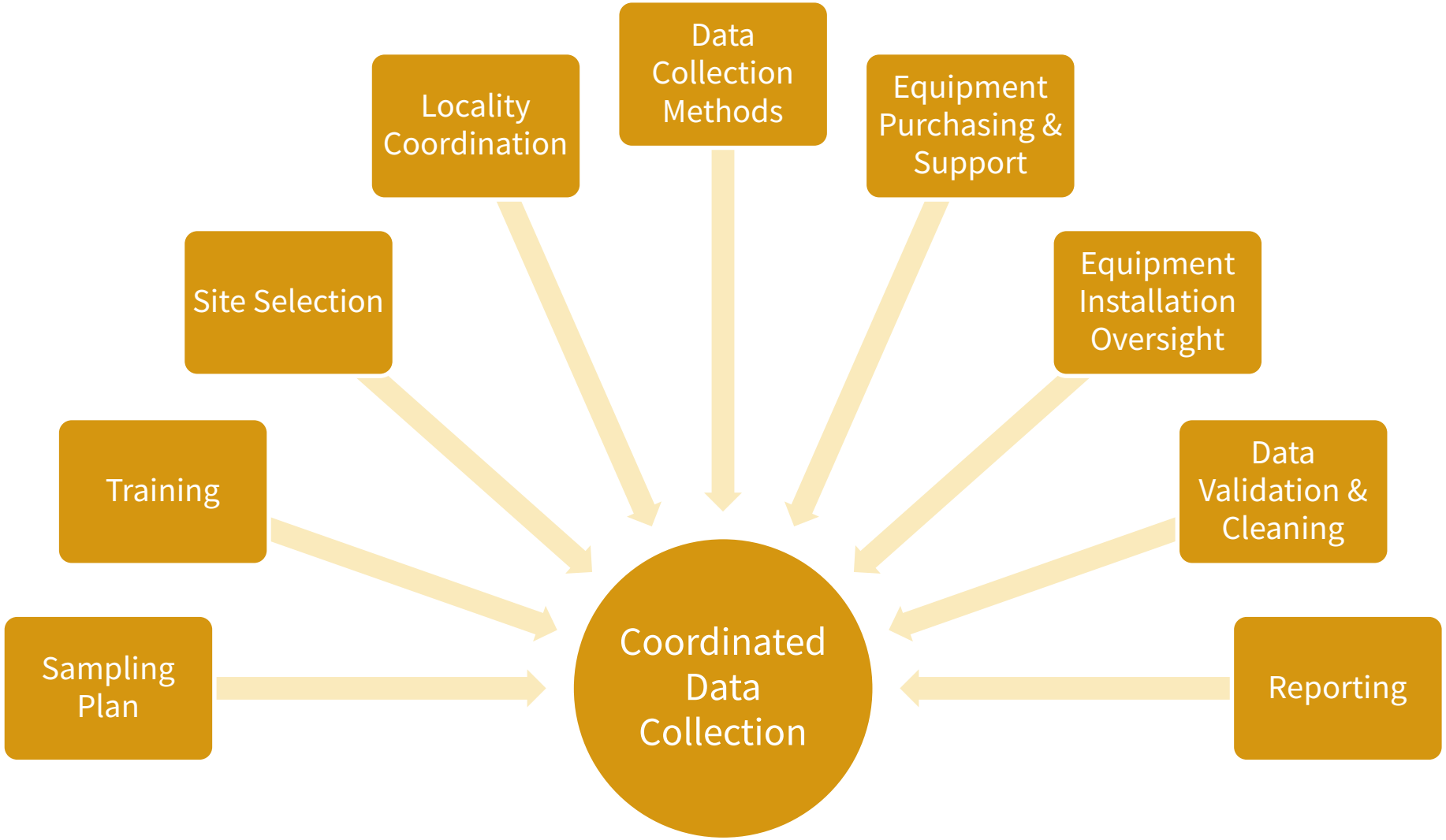
Counting Locations

- 23 counting sites in the region on paved shared-use paths
- Two weeks of data per year at each site
  - Considered minimum for accurate ADT calculation



Counter Equipment

Counting Program Elements



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Nicholas Quint
Principal Planner
Fredericksburg Area Metropolitan Planning Organization
quint@gwregion.org