

# Demand Analysis

## Analysis #1

Existing and Planned Bicycle and Pedestrian Facilities

-  Existing Trail
-  Planned Trail
-  Paved Shoulder

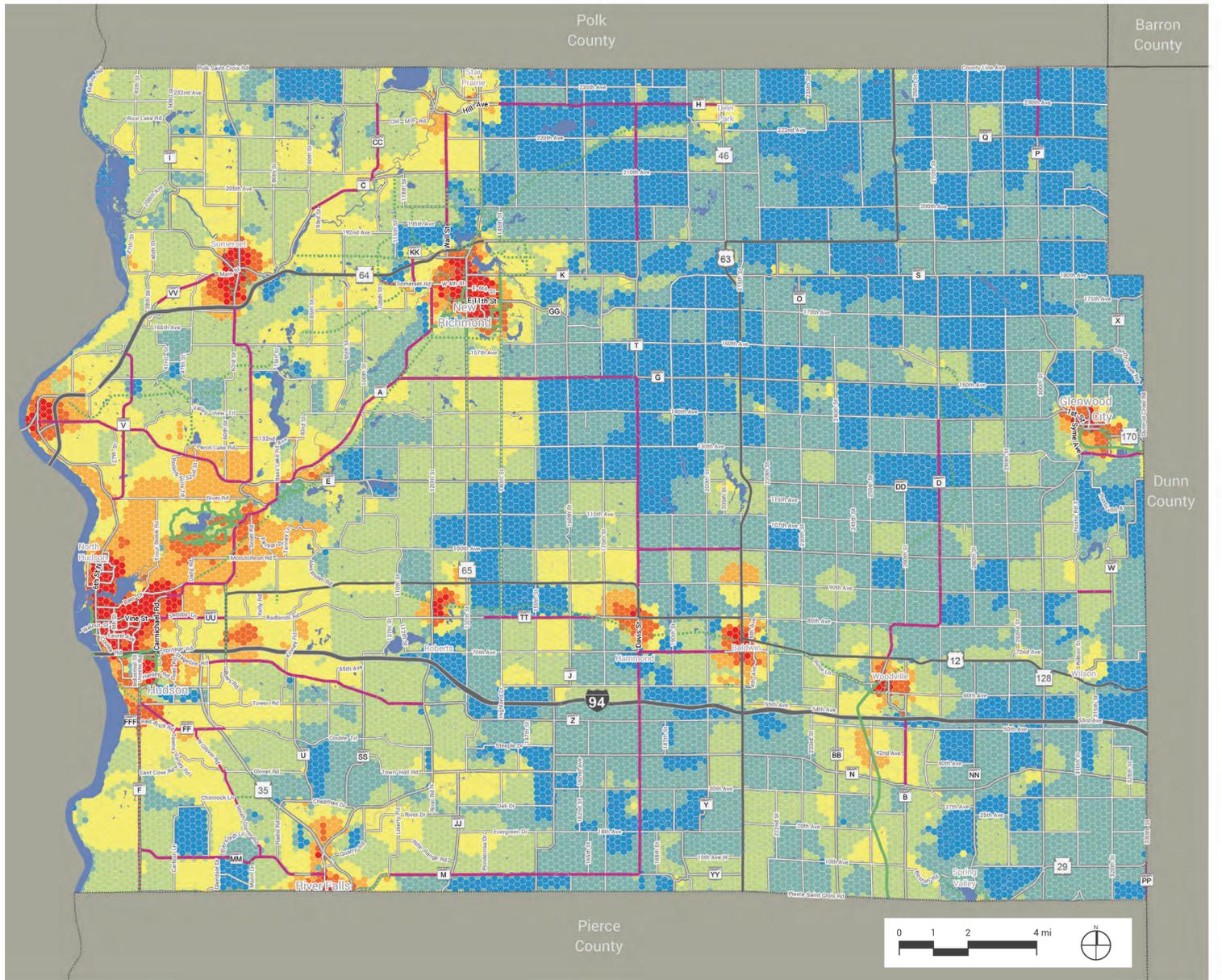
### Demand Analysis #1

-  Highest Demand
-  Lowest Demand

This demand analysis was designed to estimate demand for walking and biking for transportation and general recreation purposes amongst the general population, especially people that are concerned about interacting with motor vehicle traffic.

Factors that were used in this analysis include population density, employment density, location of schools, location of major trails and parks, and locations of tourist destinations (such as wineries, you-pick farms, etc.).

Factor	Weighting
<i>(maximum points out of 100)</i>	
Population density	40 pts
Employment density <i>(or location of major employers)</i>	20 pts
Schools <i>(elementary, middle, high)</i>	20 pts
Major trails <i>(including the programmed Loop Trail and popular trails within major parks)</i>	10 pts
Major parks <i>(county, state, Corps of Engineers)</i>	5 pts
Tourist destinations <i>(wineries, artisan foods, you-pick farms, museums, etc.)</i>	5 pts



## Analysis #2

Existing and Planned Bicycle and Pedestrian Facilities

-  Existing Trail
-  Planned Trail
-  Paved Shoulder

### Demand Analysis #2

-  Highest Demand
-  Lowest Demand

This demand analysis was designed to estimate demand amongst avid bicyclists and identify opportunities for strengthening the tourism-oriented aspect of bicycling in St. Croix County.

Factors that were used in this analysis include access to low-stress rural roads, crossings of barriers such as rivers and freeways, scenic areas, and "pit stop" and rest area destinations. This analysis also factored in areas to avoid, such as areas with high levels of truck traffic, manure storage sites, and industrial farms.

Factor	Weighting
<i>(maximum points out of 100)</i>	
Low-stress rural roads	35 pts
Destinations <i>(small communities, "pit stop" locations, rural taverns or restaurants, etc.)</i>	25 pts
Barrier crossings <i>(bridges over rivers, freeways, railroads, etc. that have limited crossing opportunities)</i>	20 pts
Scenery <i>(park land, forests, waterfowl production areas, public hunting grounds, prairie habitat, etc.)</i>	20 pts
Areas to avoid <i>(mining sites, recycling facilities, truck routes, concentrated animal feeding operations, manure storage sites, etc.)</i>	-20 pts

