



ACTIVE TRANSPORTATION PLAN

STEERING COMMITTEE MEETING

March 14, 2016

2:00 pm

Nappanee Chamber of Commerce

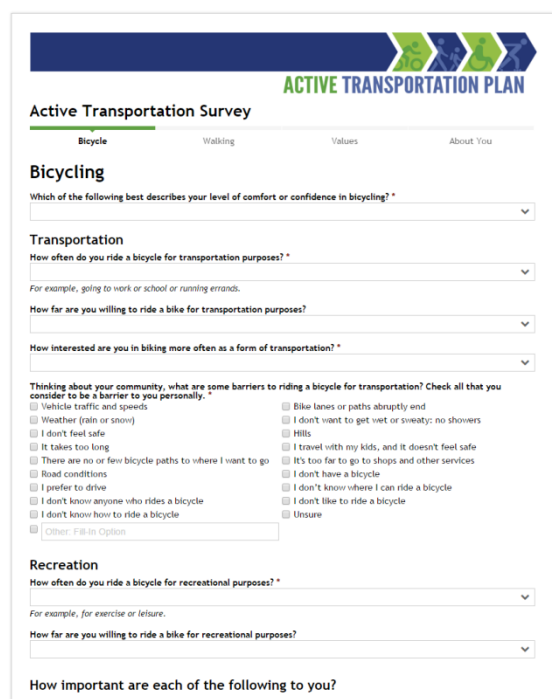
Agenda

- » Active Transportation Summit
- » Public Engagement
- » Data Analysis
- » Mapping Exercise Discussion
- » Next Steps

Active Transportation Summit

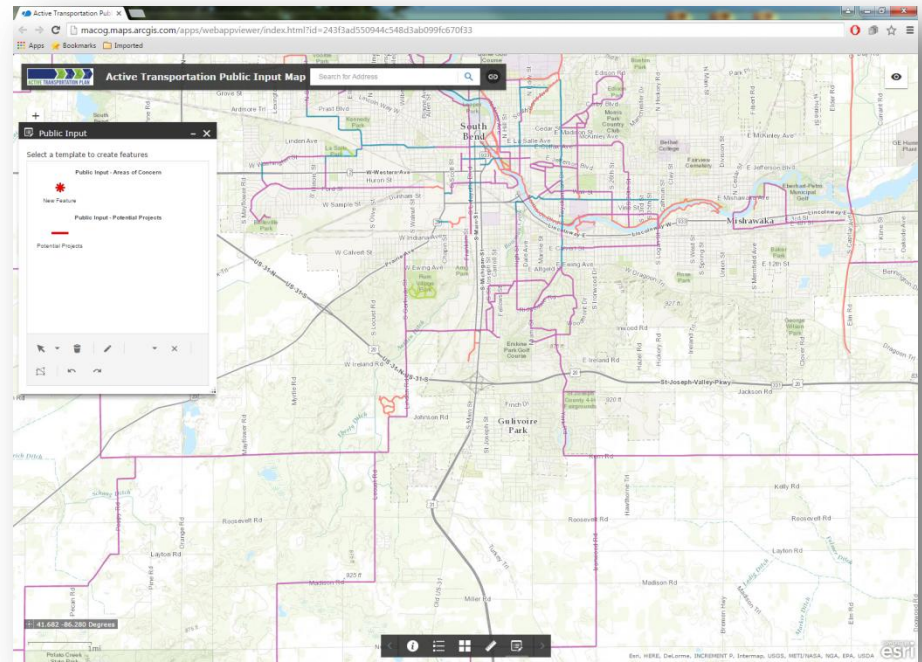


Public Engagement Survey



The screenshot shows the 'ACTIVE TRANSPORTATION PLAN' survey interface. It has a header with a blue and green arrow graphic and the title 'ACTIVE TRANSPORTATION PLAN'. Below the header, there are tabs for 'Bicycle', 'Walking', 'Values', and 'About You'. The 'Bicycle' tab is selected. The survey is titled 'Active Transportation Survey'. It includes sections for 'Bicycling', 'Transportation', and 'Recreation'. Each section has a dropdown menu for frequency and a list of barriers to bicycling. The 'Bicycling' section asks for comfort level, frequency for transportation, and interest in biking more often. The 'Transportation' section asks for frequency and willingness to ride a bike for transportation purposes. The 'Recreation' section asks for frequency and willingness to ride a bike for recreational purposes. There is also a section for 'Thinking about your community, what are some barriers to riding a bicycle for transportation? Check all that you consider to be a barrier to you personally.' with a list of checkboxes for various barriers like vehicle traffic, weather, road conditions, etc.

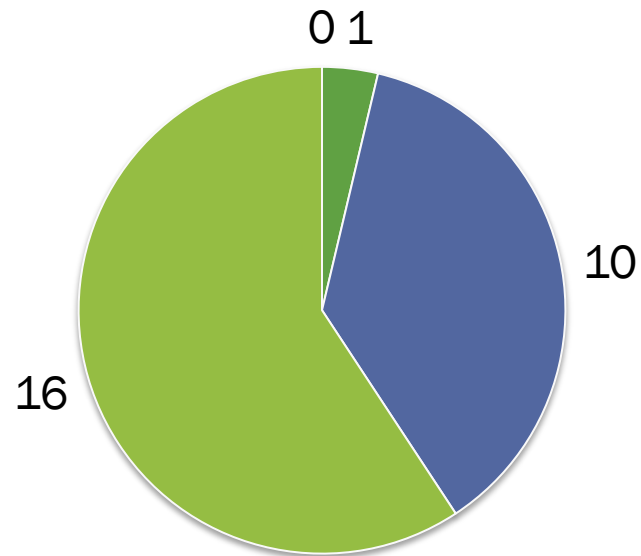
Interactive Map



www.macog.com/active-transportation

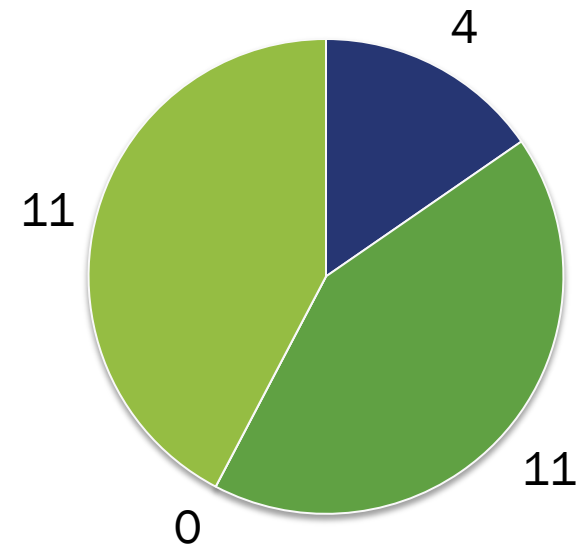
Feedback So Far...

Level of Comfort



■ Don't Ride ■ Less Confident
■ Casual ■ Experienced

County of Residence



■ Elkhart ■ Kosciusko
■ Marshall ■ St. Joseph (IN)

Feedback So Far...

How important are each of the following?

Bicycling

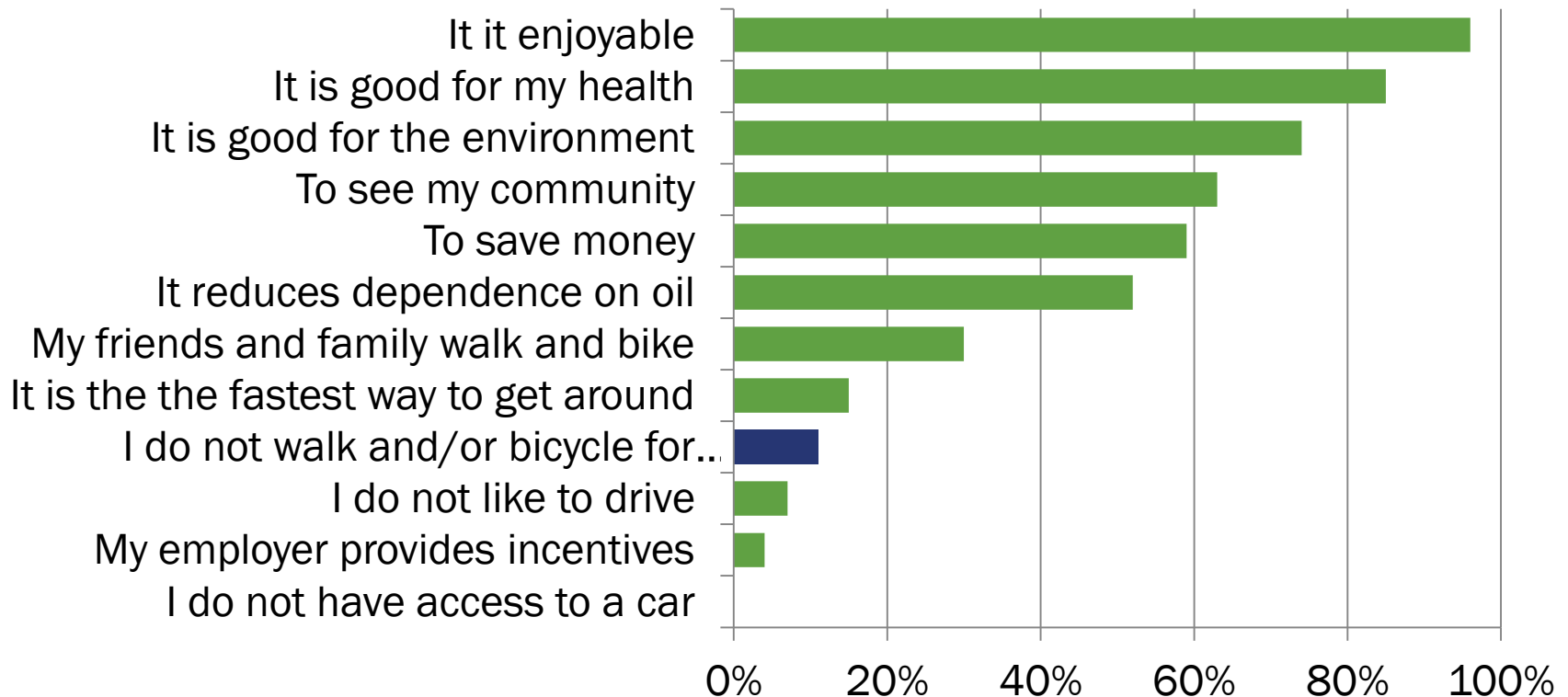
1. Street maintenance & snow clearing
2. Well connected routes
3. Increased education & enforcement
4. Dedicated bike lanes
5. Bike prioritized crossings at busy streets

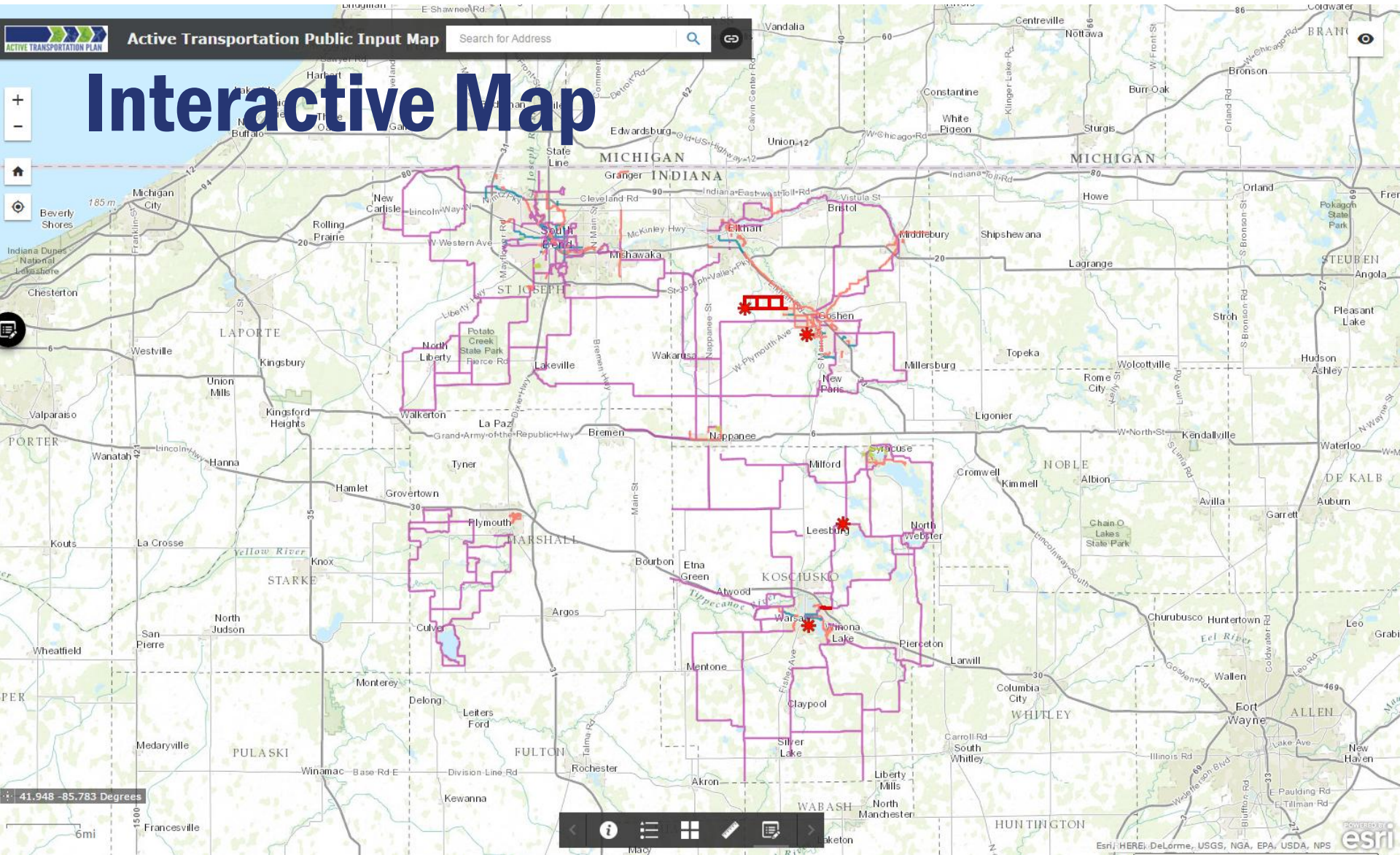
Walking

1. Safe crossing at busy streets
2. Paved pathways and trails
3. Sidewalks with no gaps
4. Sidewalk/trail maintenance
5. Well lit paths and sidewalks

Feedback So Far...

Why do you walk and/or bicycle for transportation?



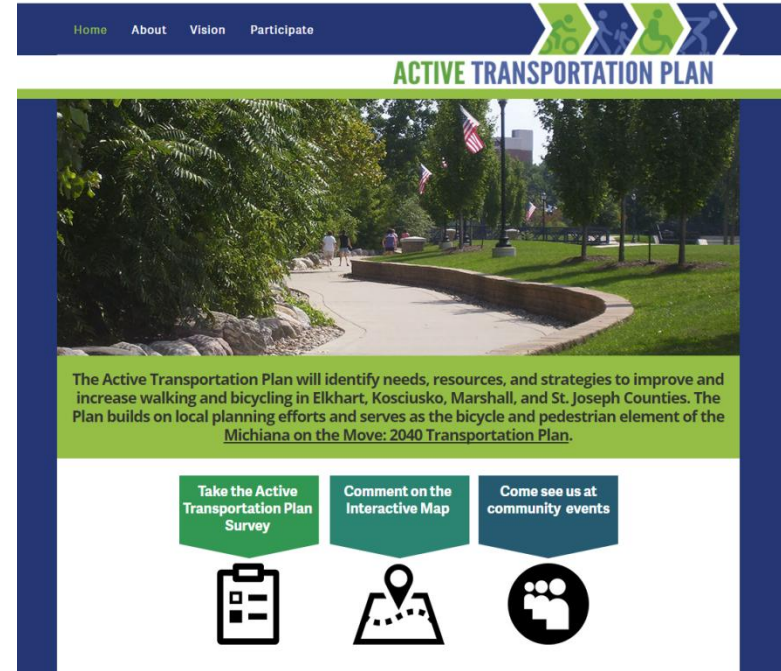
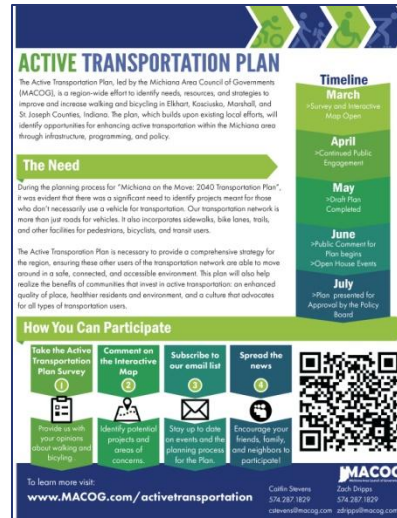


Spreading the News

POSTCARDS

FLYERS

WEBSITE



EVENTS

1st Fridays



SOCIAL MEDIA

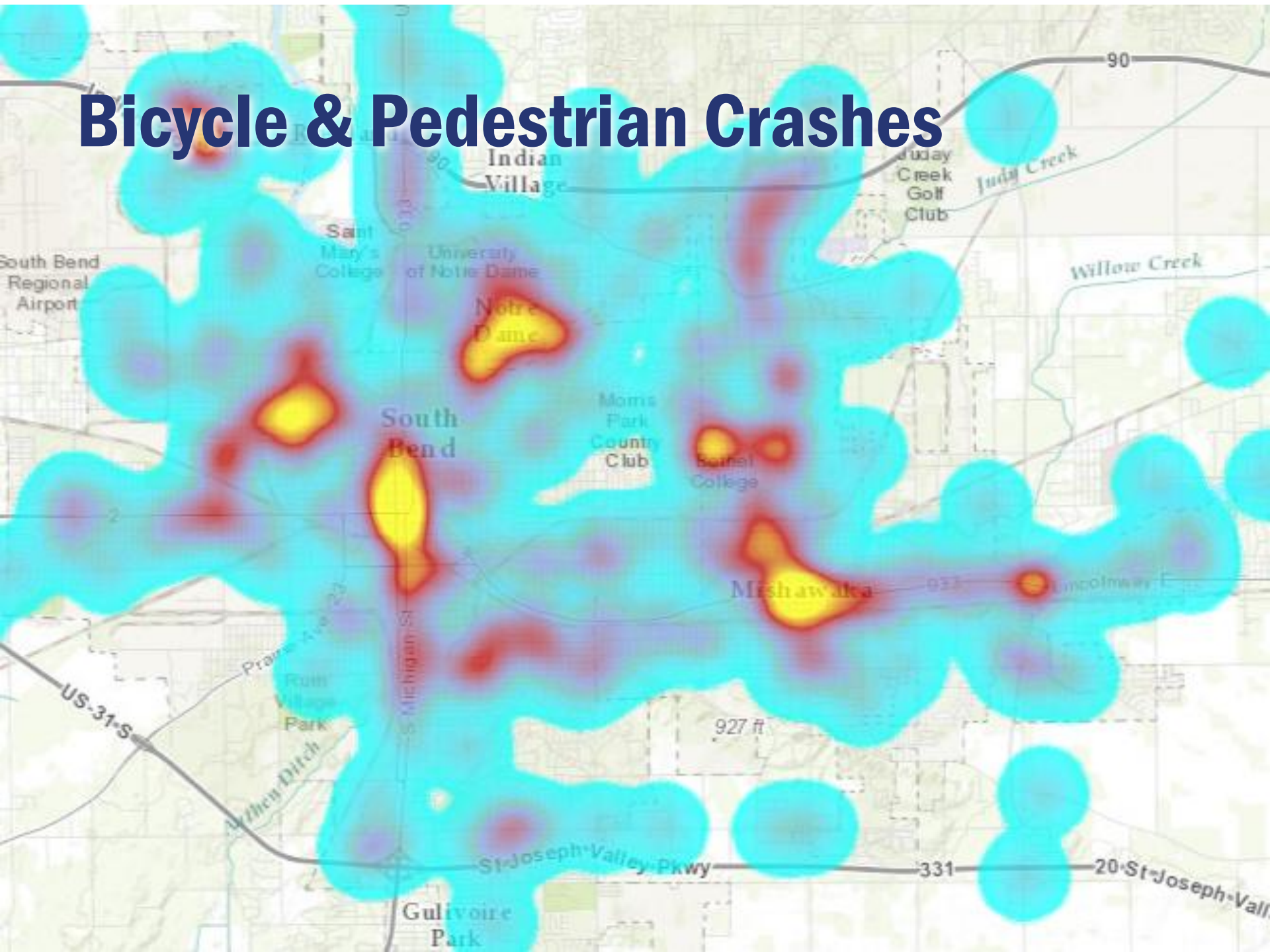
DATA ANALYSIS

- » Bicycle & Pedestrian Crashes
- » Bicycle Level of Traffic Stress Analysis
- » Demand Analysis

Bicycle & Pedestrian Crashes

- » 2012 – 2014 (3 years) – source ARIES
 - » Currently working on 2015
- » Query for crashes involving cyclist and/or pedestrian
- » Develop a Heat Map to show concentration
- » Analysis Causes/Conditions/Demographics to determine trends

Bicycle & Pedestrian Crashes



Bicycle Level of Traffic Stress Analysis

- » Bicyclist level of comfort on roadways
- » Roadway Network Data
 - » Speed limit, number of travel lanes, AADT, and presence and character of bicycle lanes
- » Four Bicycle Level of Traffic Stress

Bicycle Level of Traffic Stress Analysis

1. Roads that would be tolerable for most children to ride, and also to multi-use paths that are separated from motorized traffic.



Bicycle Level of Traffic Stress Analysis

2. Roads that could be comfortably ridden by the mainstream adult population.



Bicycle Level of Traffic Stress Analysis

3. Roads that would be acceptable to current “enthused and confident” bicyclists.

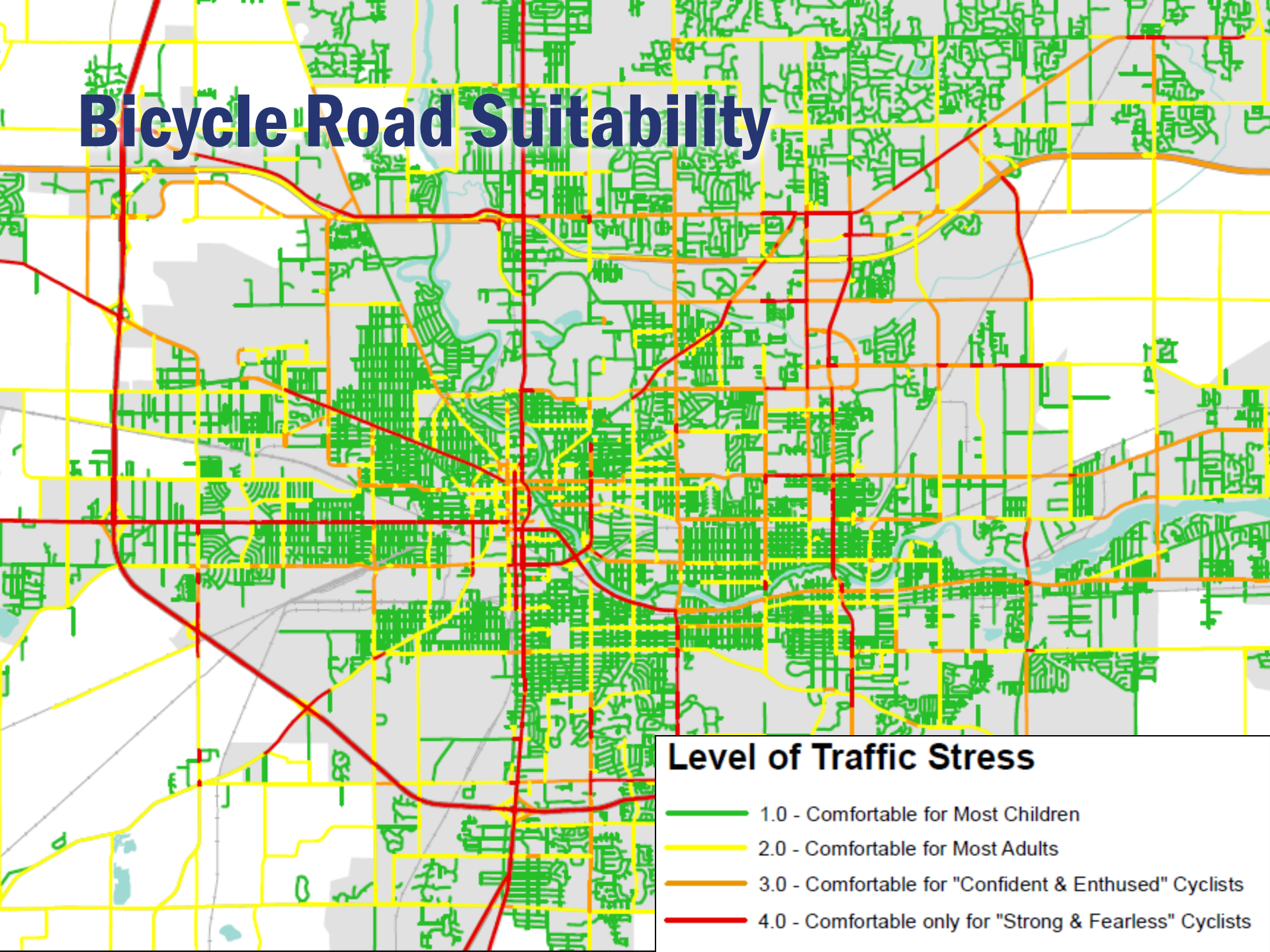


Bicycle Level of Traffic Stress Analysis

4. Roads that are only acceptable to “strong and fearless” bicyclists, who will tolerate riding on roadways with higher motorized traffic volumes and speeds



Bicycle Road Suitability



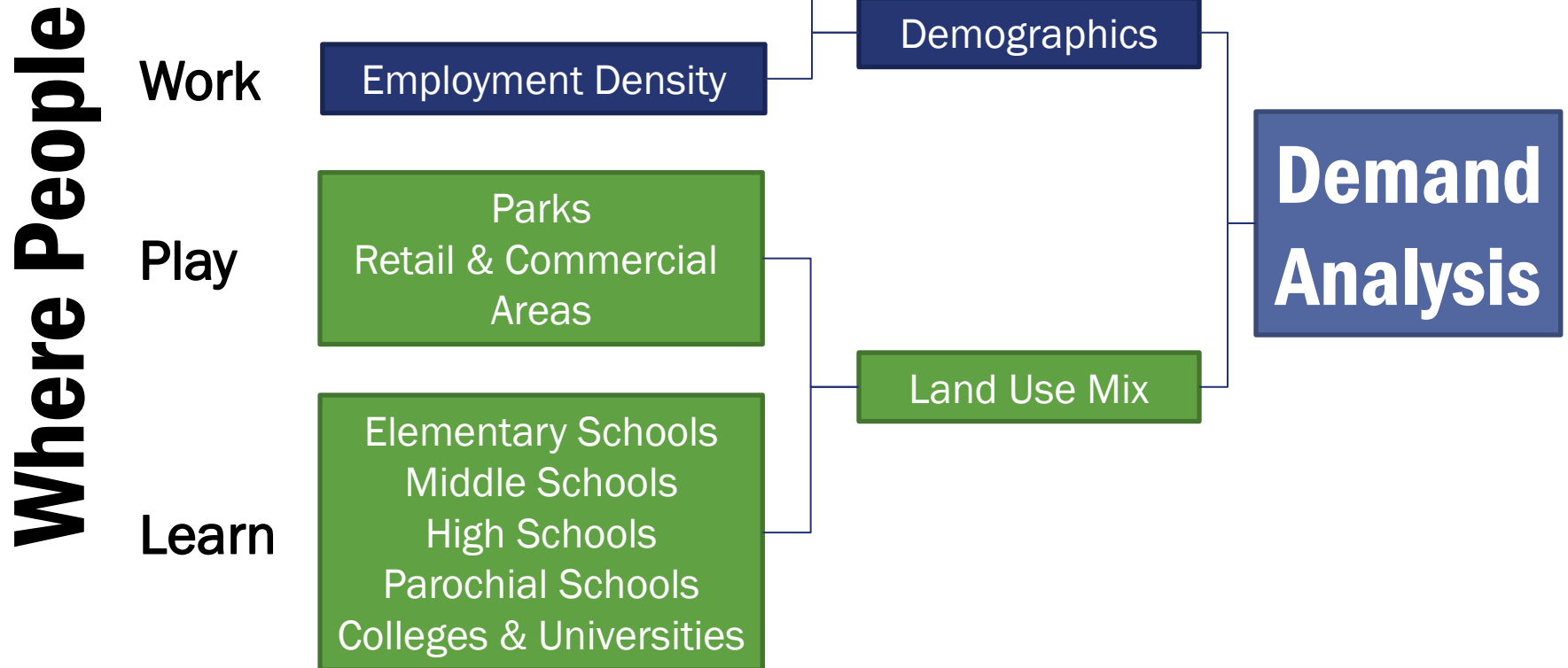
Level of Traffic Stress

- 1.0 - Comfortable for Most Children
- 2.0 - Comfortable for Most Adults
- 3.0 - Comfortable for "Confident & Enthused" Cyclists
- 4.0 - Comfortable only for "Strong & Fearless" Cyclists

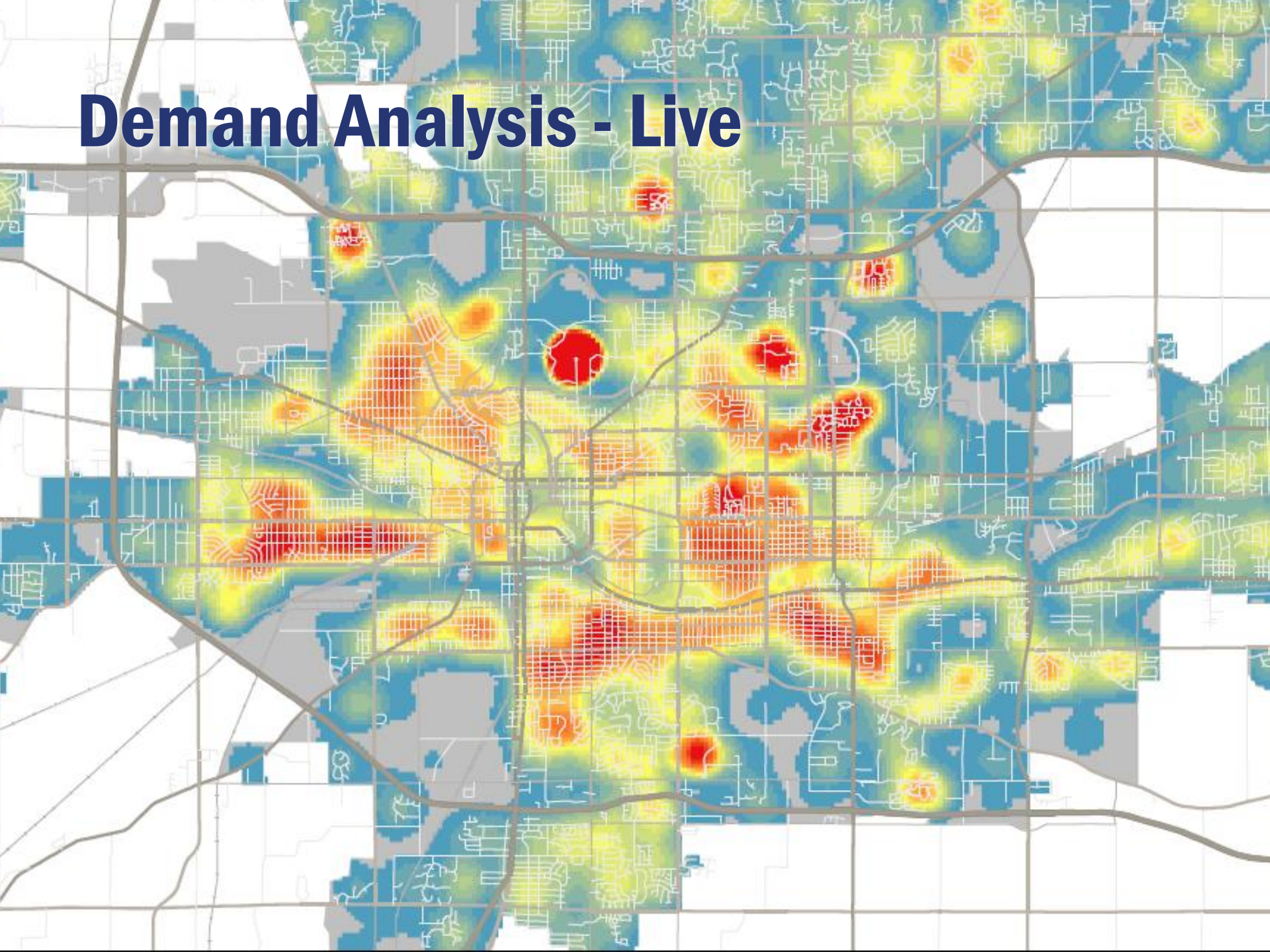
Demand Analysis

- » Live, Work, Play, Learn Analysis
- » Identifies expected demand for bicycle & pedestrian travel

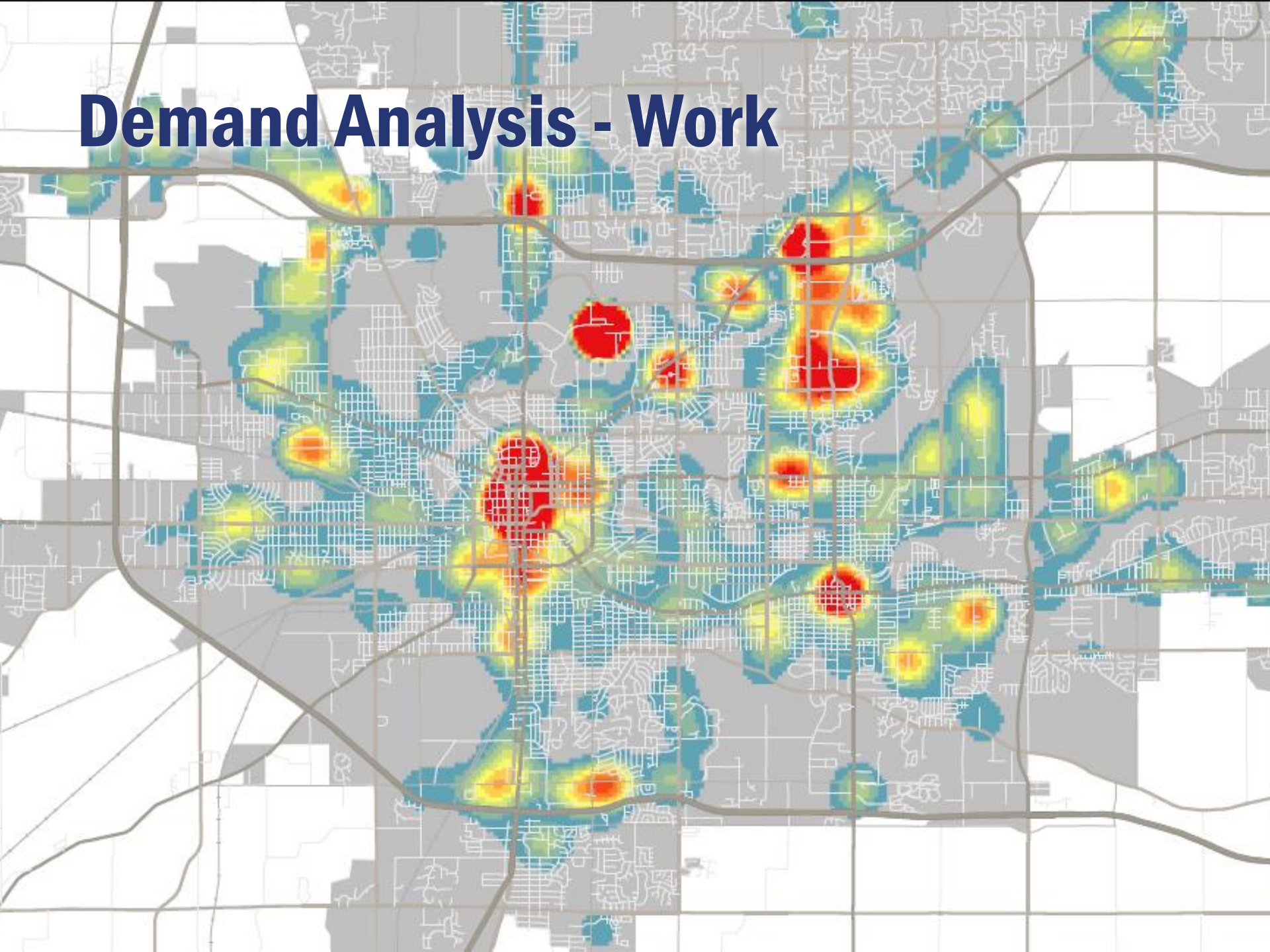
Demand Analysis



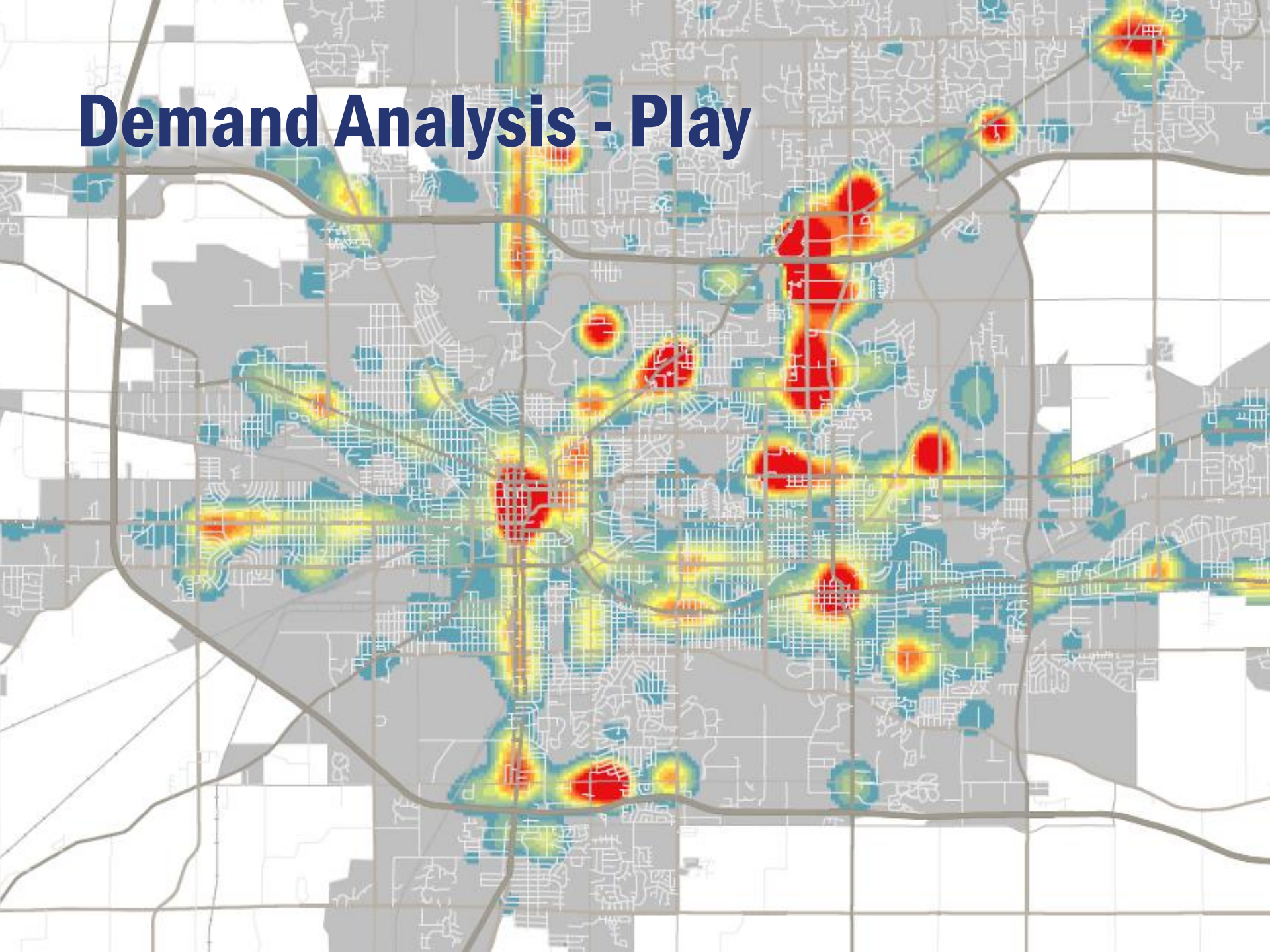
Demand Analysis - Live



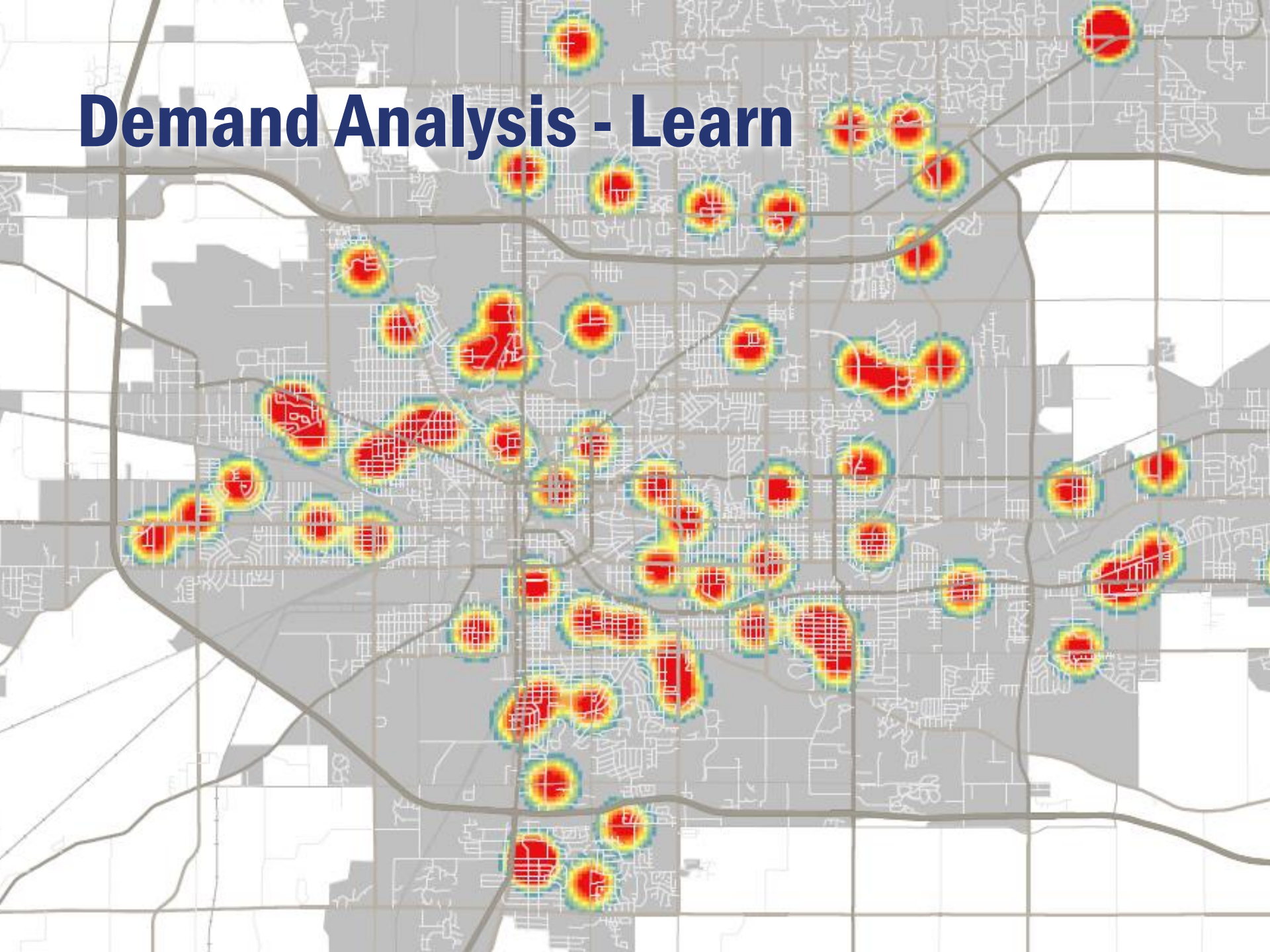
Demand Analysis - Work



Demand Analysis - Play



Demand Analysis - Learn



Data Refinement

- » Refine initial data calculations
- » Overlay the maps to identify potential bicycle and pedestrian projects
- » Work with LPAs to determine local and regional priorities
- » Develop short-term and long-term priority list

MAPPING EXERCISE

Next Steps

- » Public Engagement and Events
 - » Any we should attend?
- » Continuing Data Refinement/Analysis
- » Draft Plan

Next Steering Committee Meeting

- » Week of April 25 or May 2
 - » Send a Doodle Poll to decide on Date and Time
 - » Planned to be in Nappanee
- » Cover Prioritizing Projects and Finalize Objectives



ACTIVE TRANSPORTATION PLAN

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