



NASHVILLE AREA

Metropolitan Planning Organization

Shaping Transportation Planning and Health Policy

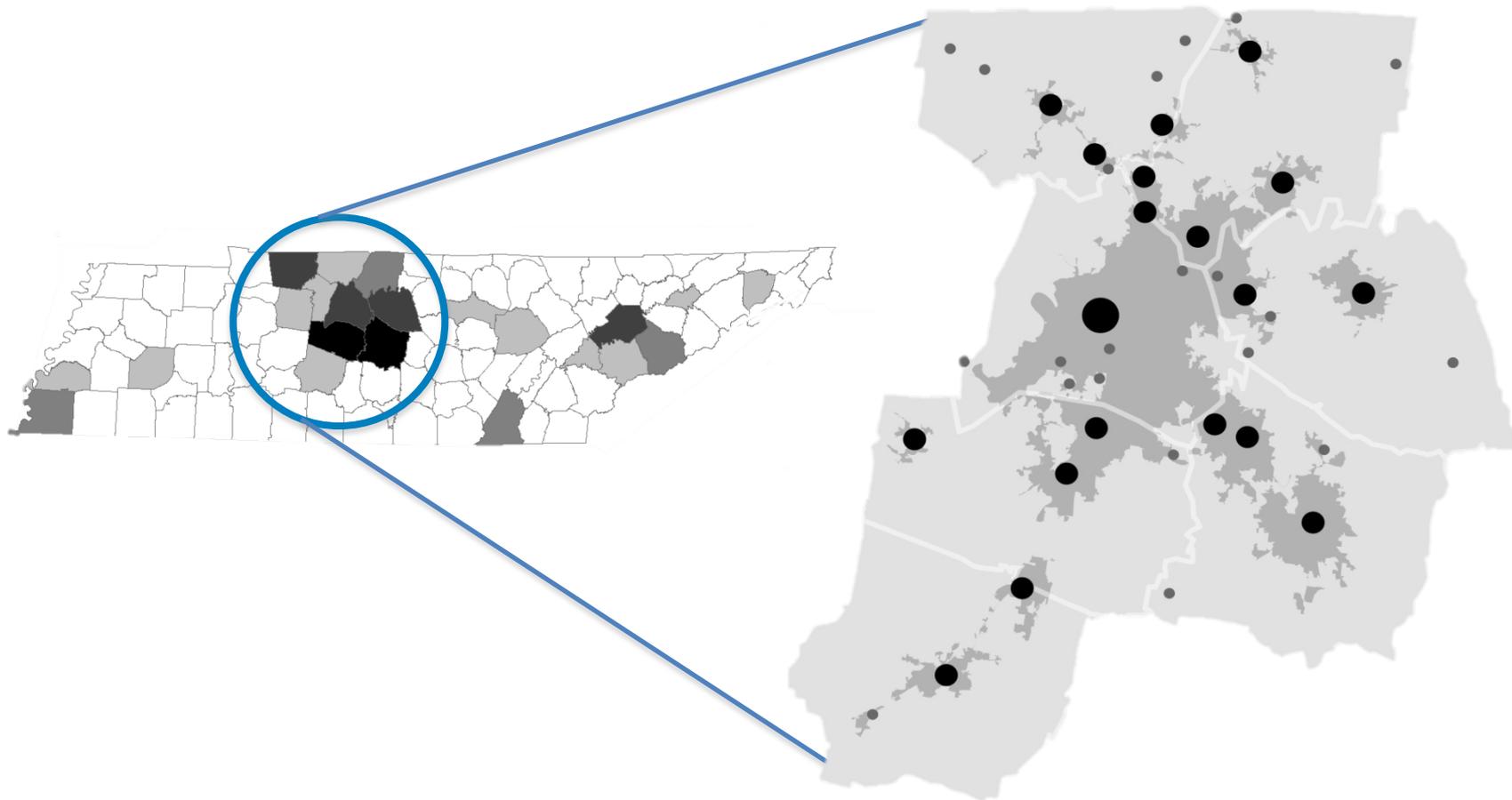
Michelle Lacewell, APR

Deputy Director

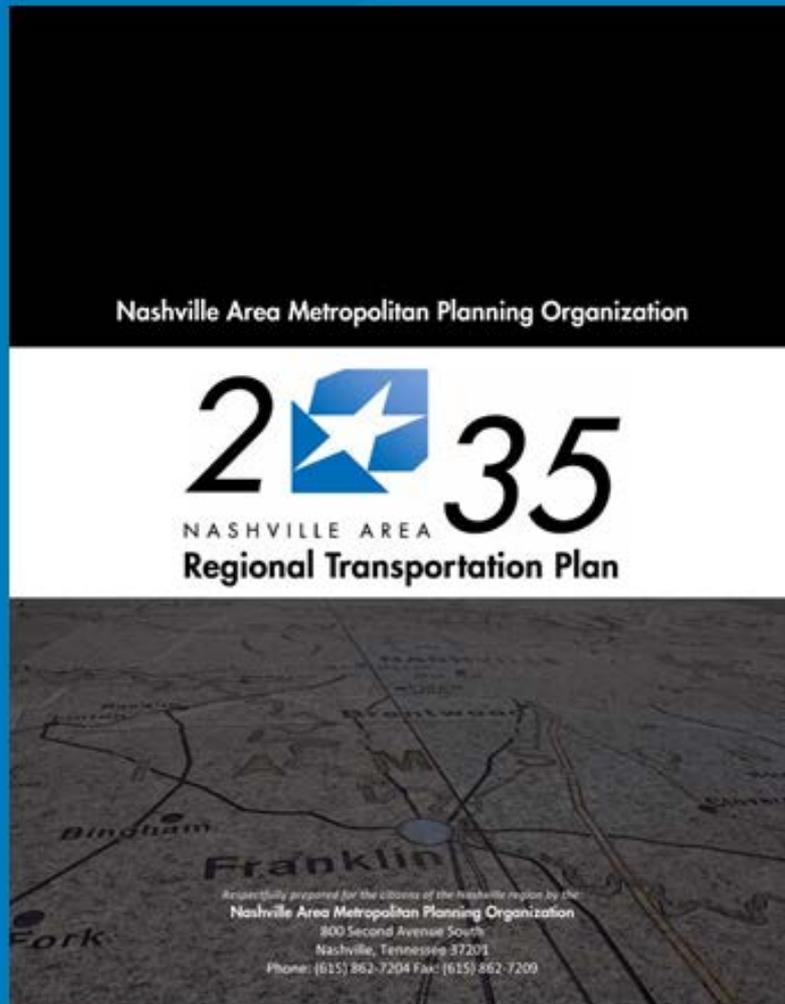
615-880-2452

lacewell@nashvillempo.org

Nashville Area MPO



2035 Plan: Making Change



#1

A Bold, New Vision
for Mass Transit

#2

Support for
Active Transportation
& Walkable Communities

#3

Preservation &
Enhancement of
Strategic Roadways

2035 Plan: Investment Strategy

- ➔ Projects Scored on Criteria – 100 points
 - Quality Growth and Sustainable Development – 15pts
 - Multi-Modal Options – 15pts
 - Health & Environment – 10pts
 - Safety & Security – 10pts
 - Congestion Management – 10pts
 - System Preservation & Enhancement – 15pts
 - State & Local Support/ Investment – 15pts
 - Freight & Goods Movement – 10pts



2035 Plan: Investment Strategy

- ➔ 70% - Roadway projects that improve health
- ➔ 15% Sidewalks, bicycle lanes, greenways, transit stops, and education
- ➔ 10% Transit
- ➔ 5% Intelligent Transportation Systems

2035 Plan: Complete Streets

70% of roadway projects include sidewalks, bicycle lanes, or shared-use lanes

(up from 2% in 2030 Plan)

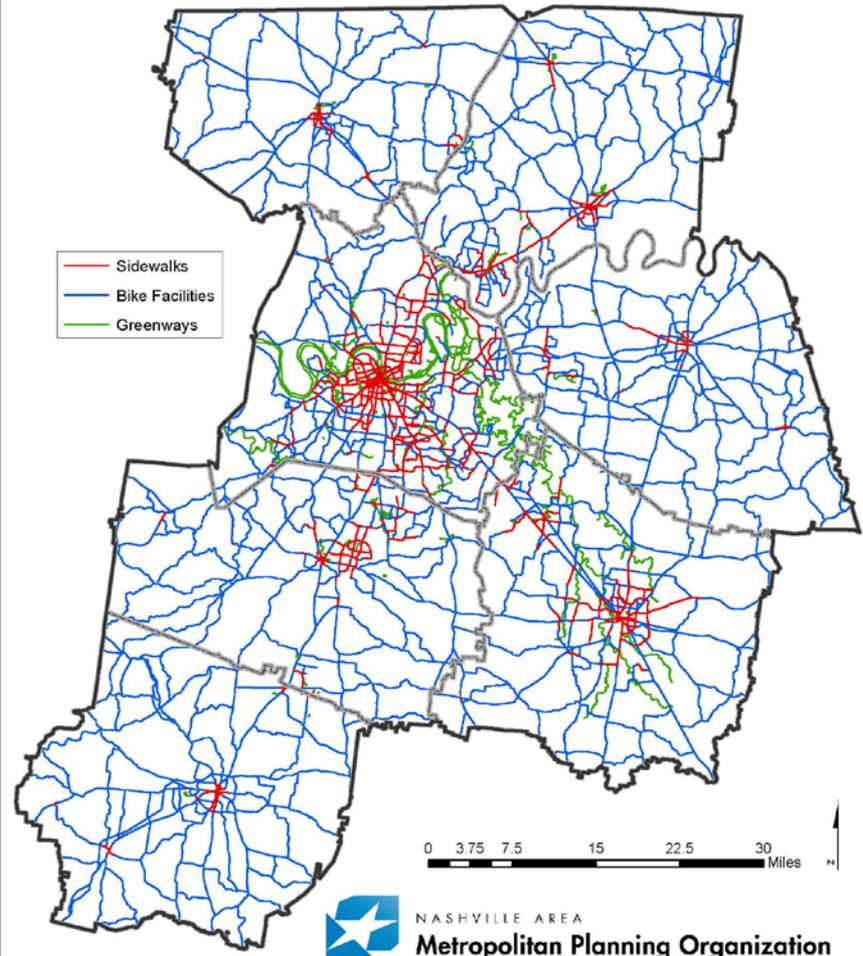
2009 to 2014 – 5 Counties

Sidewalks – 47% increase

Bikeways – 72% increase

Greenways – 27% increase

Bicycle and Pedestrian Routes





Middle Tennessee Connected

➔ 2040 Regional Long-Range Transportation Plan

- \$8.5 billion over 25 years

- 200+ projects

➔ Regional Goals

- Maintain a safe and reliable transportation system for people and goods

- Help local communities grow in a healthy and sustainable way

- Enhance economic competitiveness to attract private investment

- Spend public funds wisely by ensuring a return on investment



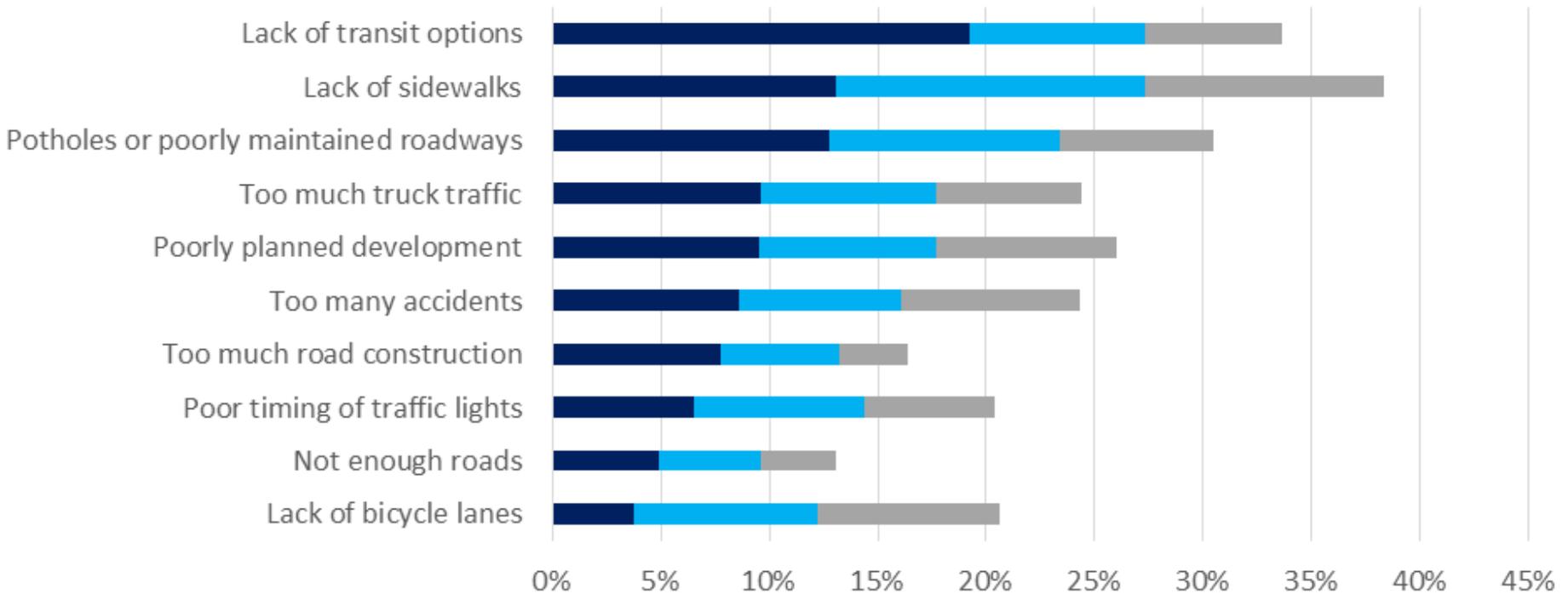
2040 Plan: Data Driven Investments

Baseline Data and Initial Exploration of Links between Built Environment, Transportation and Health

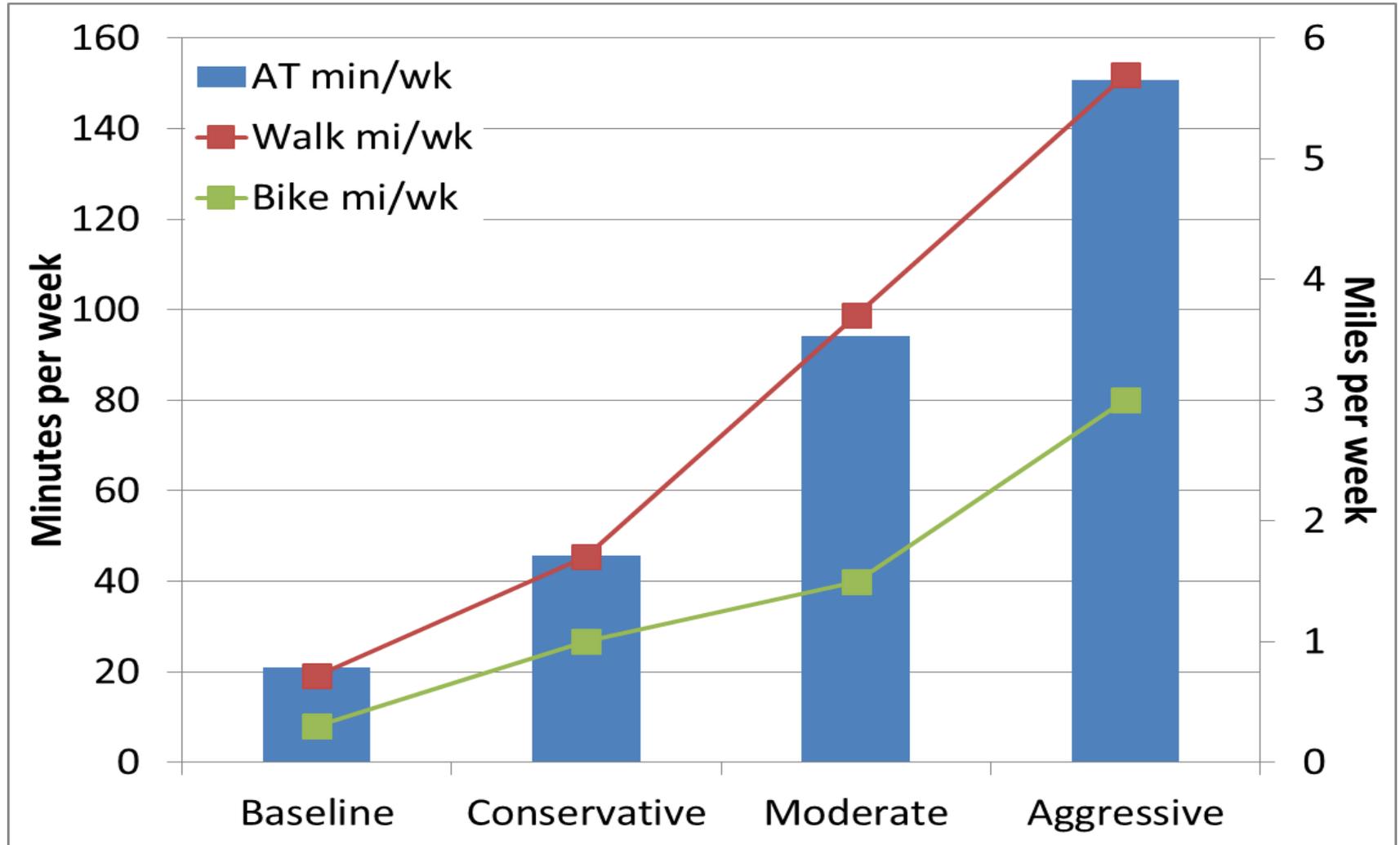
- ➔ Socio-economics, travel behaviors, area type, physical activity, eating behaviors, health outcomes
- ➔ Inform Policy and Funding of MPO 2040 Regional Plan
- ➔ Behavioral Data for Regional Travel Demand Modeling
 - Traditional 4-Step Model Update
 - Activity Based Modeling Transition

Research: Regional Issues

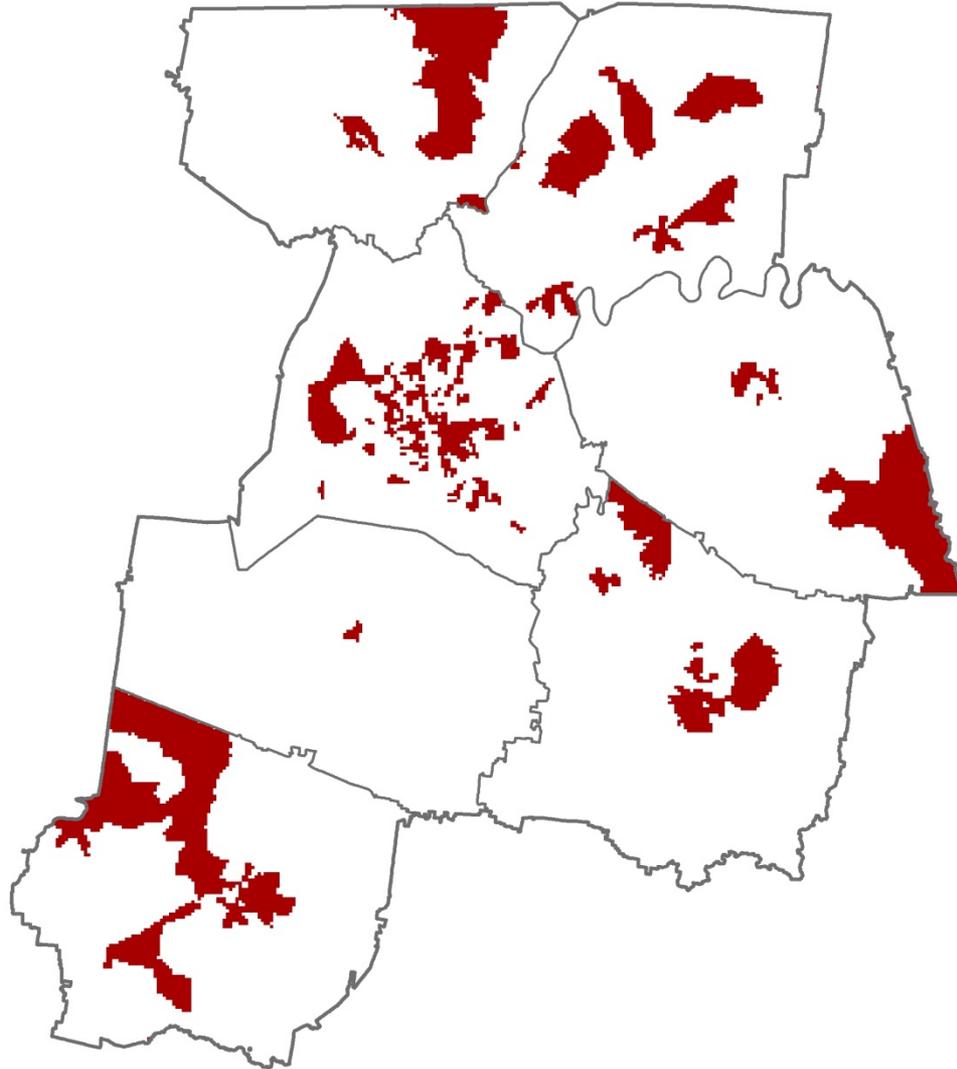
Most Important Problems to Solve



Research: Integrated Transport Health and Impact (ITHIM) Model



Research: Health Priority Areas



Health Priority Areas

3 out of 4:

- Poverty
- Unemployment
- Carless Household
- Aging (over age 65)

2040 Plan: Increased Value on Health

➡ Projects Scored on Criteria – 100 points

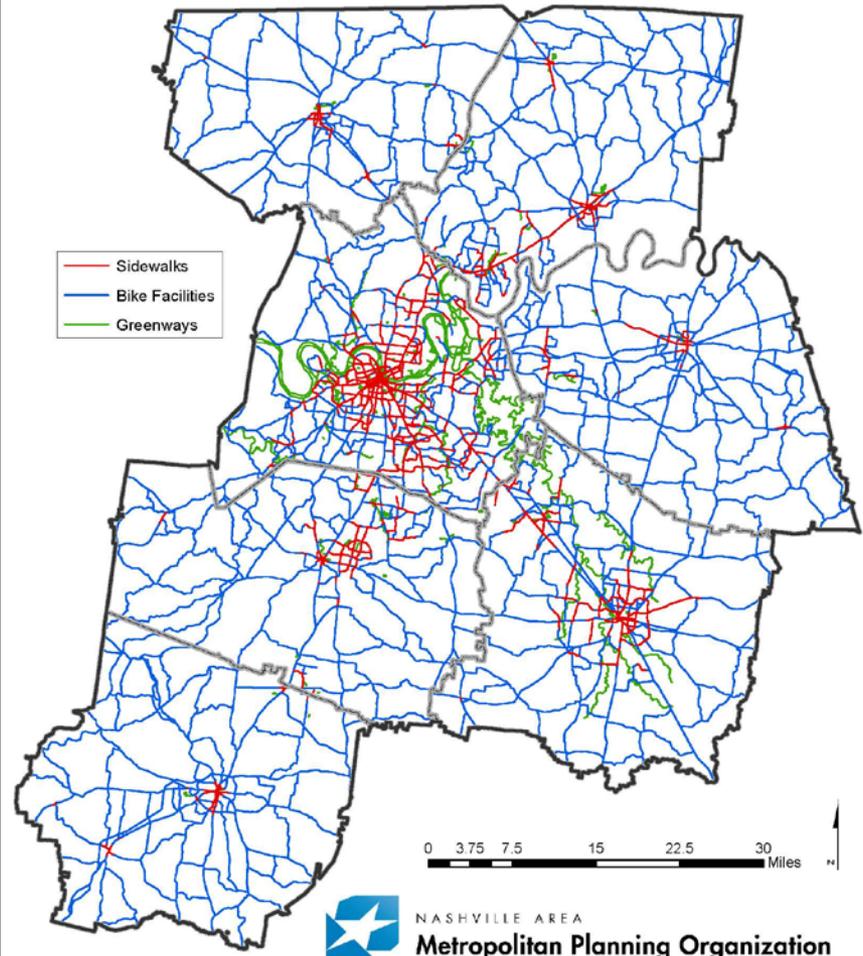
- **Quality Growth and Sustainable Development – 15pts**
- **Multi-Modal Options – 15pts**
- **Health & Environment – 10pts**
- **Safety & Security – 10pts**
- **Congestion Management – 10pts**
- **System Preservation & Enhancement – 15pts**
- **State & Local Support/ Investment – 15pts**
- **Freight & Goods Movement – 10pts**

Outcomes: Complete Streets

77% of roadway projects include sidewalks, bicycle lanes, or shared-use lanes

(up from 2% in 2030 Plan and 70% in 2035 Plan)

Bicycle and Pedestrian Routes



Outcomes: Active Transportation

- ➔ \$108 million for the MPO's Active Transportation Program
 - The 2040 RTP continues this highly popular program created in 2010 with the adoption of the 2035 RTP.
 - The Active Transportation Program receives 10 percent of the MPO's direct suballocation of STP funding and the full amount of suballocated Transportation Alternatives funding to advance projects that improve walking, bicycling, and transit facilities.
 - The program is coordinated with the MPO's Bicycle and Pedestrian Advisory Committee whose members help evaluate projects for funding.

Outcomes: Alternative Funding

- ➔ \$98 million for Transportation Alternative funding
 - TDOT will administer a statewide program aimed at improving active transportation facilities in urban and rural parts of the state.

Takeaway: Making the Case

- ➔ Existing health challenges
- ➔ Regional data and research efforts
- ➔ Regional investment priorities
- ➔ Policies and programs



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Questions?

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