



WINSTON-SALEM

Safety · Accessibility · Comfort

11.17.2020



Project Background & Timeline



Winston-Salem

alta

Project Timeline



Steering Committee

PROJECT STEERING COMMITTEE

Alex Crist	Wake Forest University
Alex Stone	Winston-Salem Department of Transportation
Amy Crum	Winston-Salem Planning & Development Services Dept.
Calvin McRae	Winston-Salem Chamber of Commerce
Carol Patrick	Winston-Salem Transit Authority
Dedee DeLongpré Johnston	Wake Forest University
Ginger Wilkins	Safe Kids Coalition NW Piedmont
Helen Peplowski	Winston-Salem Office of Sustainability
Jim DeCristo	University of North Carolina School of the Arts
Joanne Sandberg	Wake Forest University School of Medicine
Joshua Swift	Forsyth County Department of Public Health
Kay Bergey	Citizen
Kelly Garvin	Winston-Salem Department of Transportation
Kevin Bowers	Winston-Salem Police Department
Kevin Cheshire	Housing Authority of Winston-Salem
Kyle Laird	Piedmont Authority for Regional Transportation
Lynn Cochran	Piedmont Triad Regional Council
Nick Seeba	Winston-Salem/Forsyth County Public Schools
Sam Matthews	Shepard's Center



Greg Errett
Joshua Swift
Scott Miller
Michael G. Hosey
Sharon E. Nelson
Andy L. Moore
William K. Davis, Jr.
Arnold Smith
Cynthia Thompson
Donna Jones

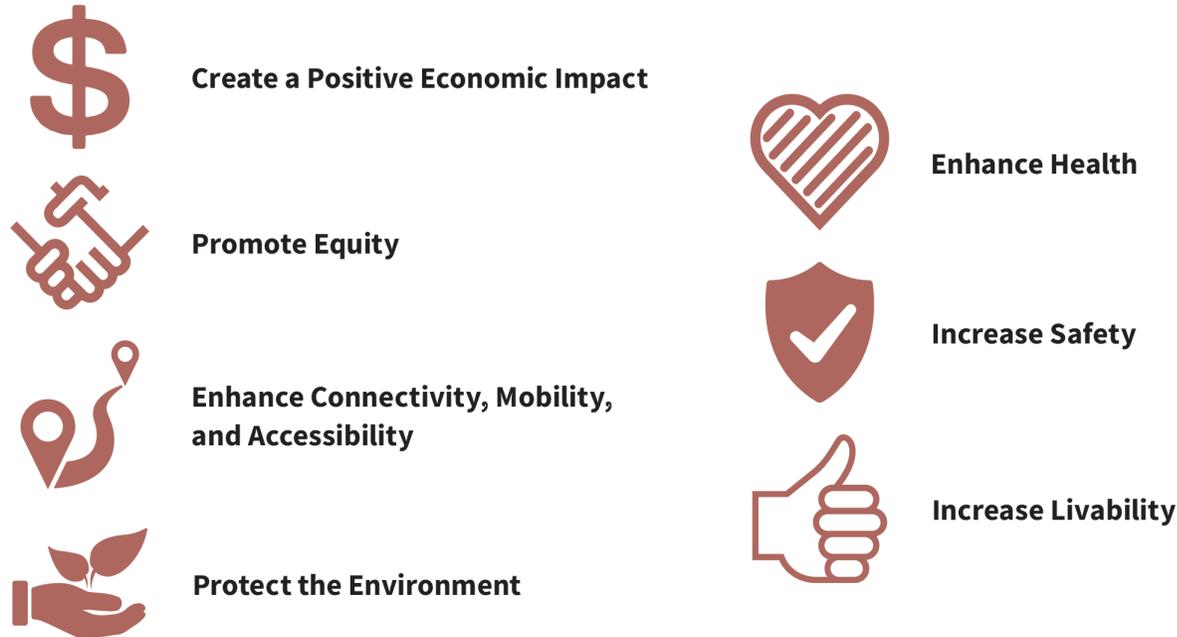


**Winston-Salem
Bicycle / Pedestrian /
Active Mobility
Advisory Committee**



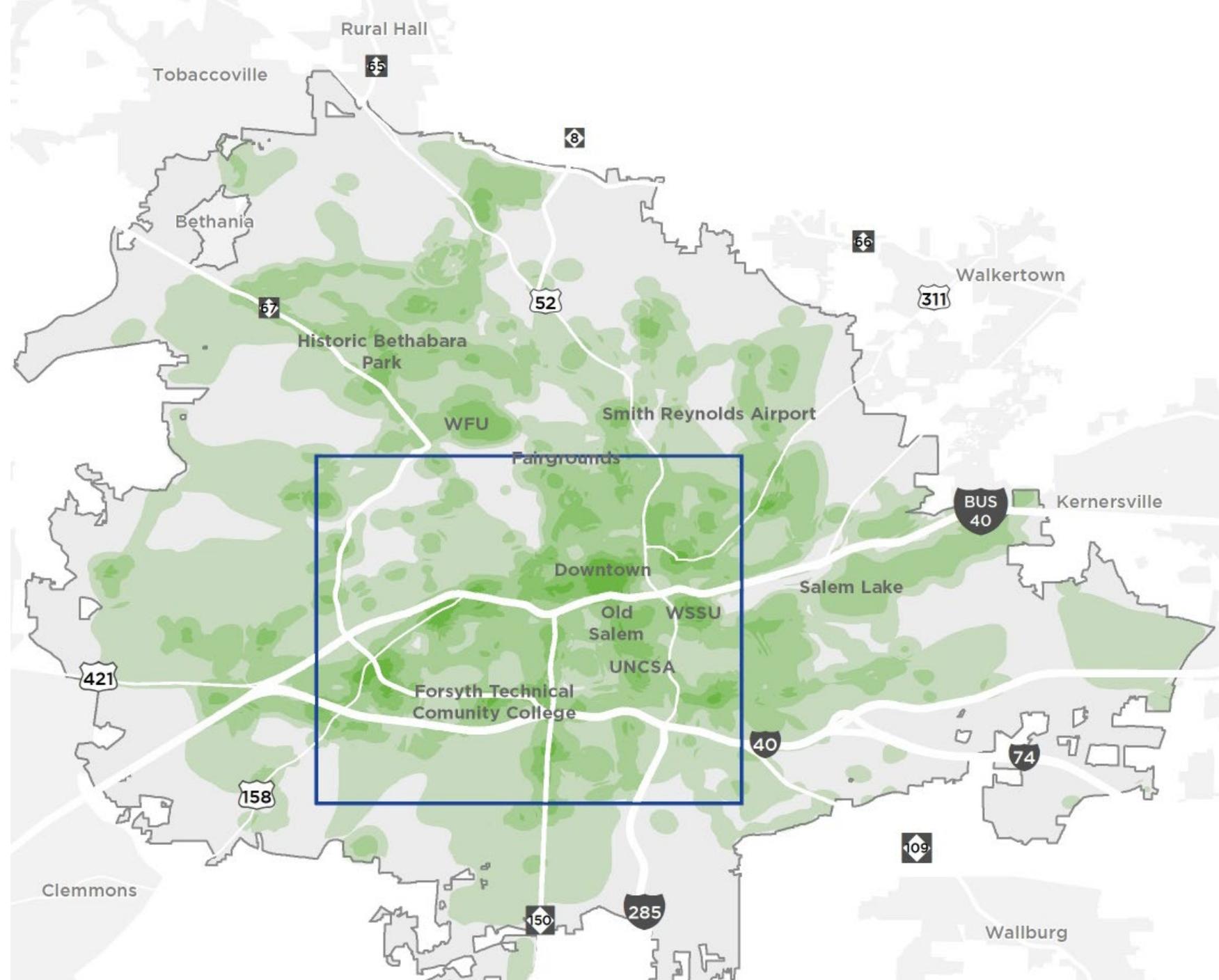
Vision & Goals

Winston-Salem is walkable for all, through a connected, accessible, equitable, safe, and sustainable network of sidewalks, trails, and safe roadways that improve the health and well-being of Winston-Salem's people, economy, and environment.



Demand

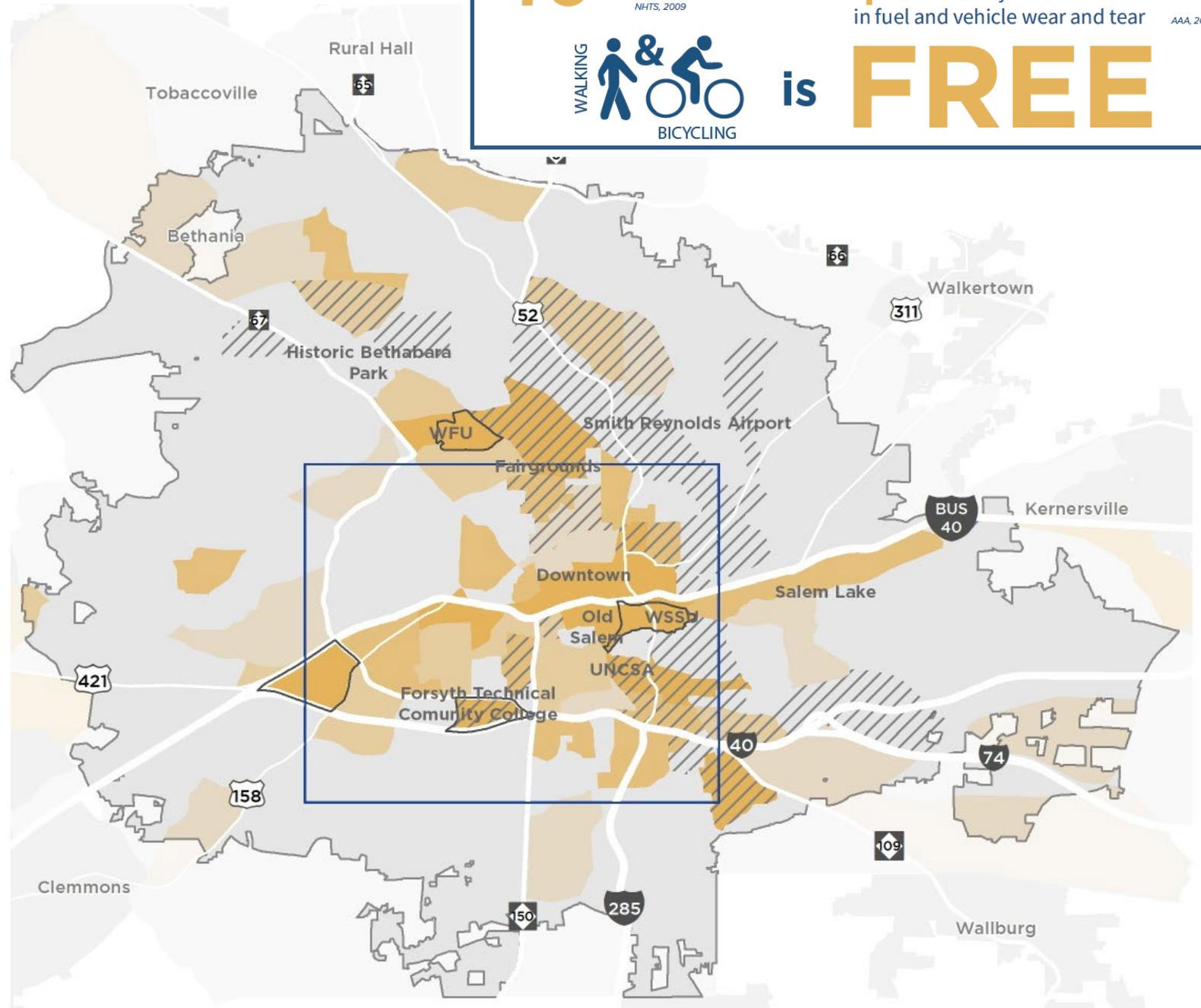
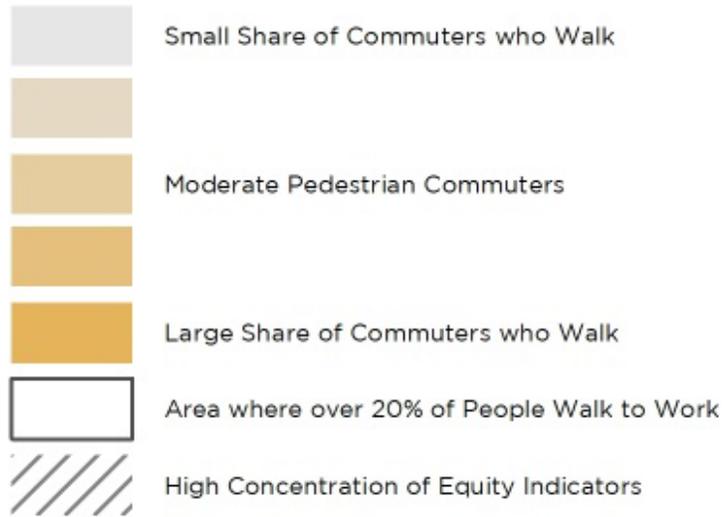
- Where People Play
- Where People Shop
- Where People Live
- Where People Work
- Where People Learn
- Where People Access Transit



Where People are Walking to Work

- 4% of households in Winston-Salem don't have access to a motor vehicle

Percent of People who Walk to Work

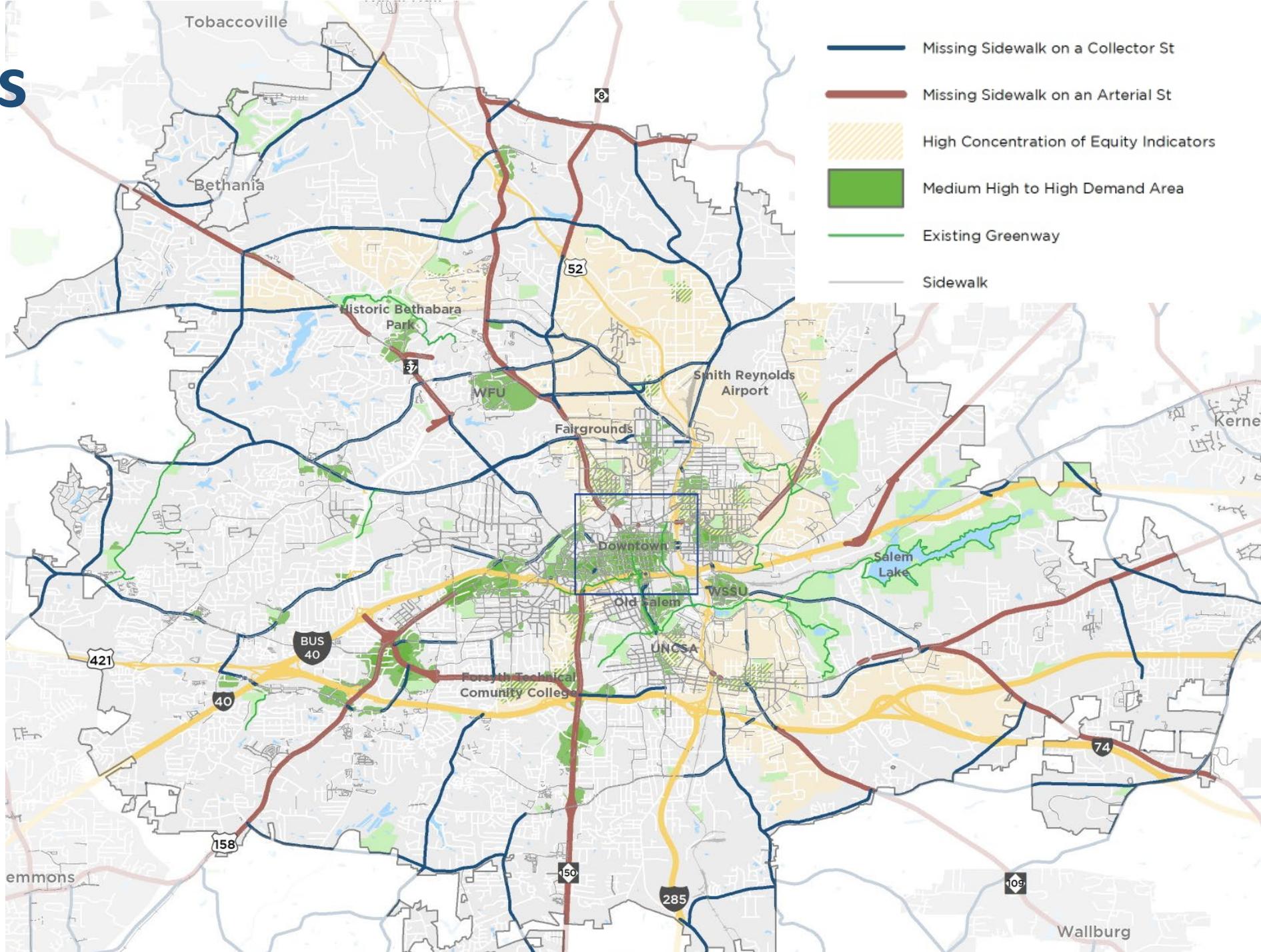
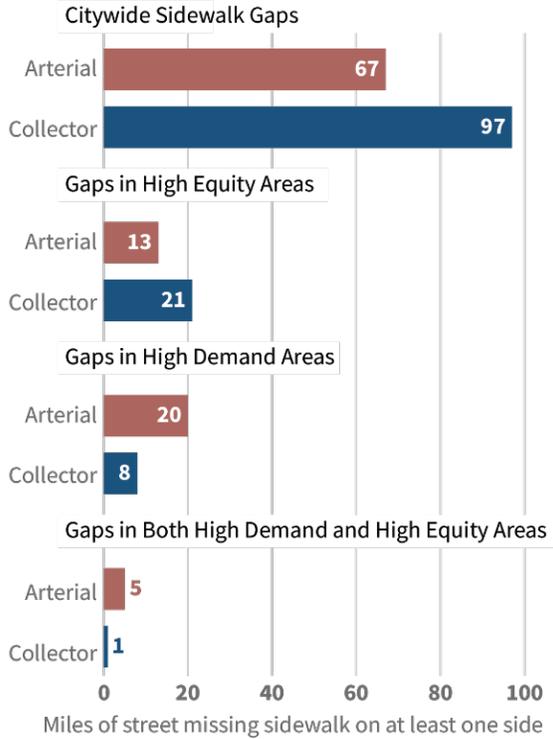


40% Of all trips (in the US) are two miles (or less) NHTS, 2009

Driving 4 miles/day costs **\$847**/year in fuel and vehicle wear and tear AAA, 2015

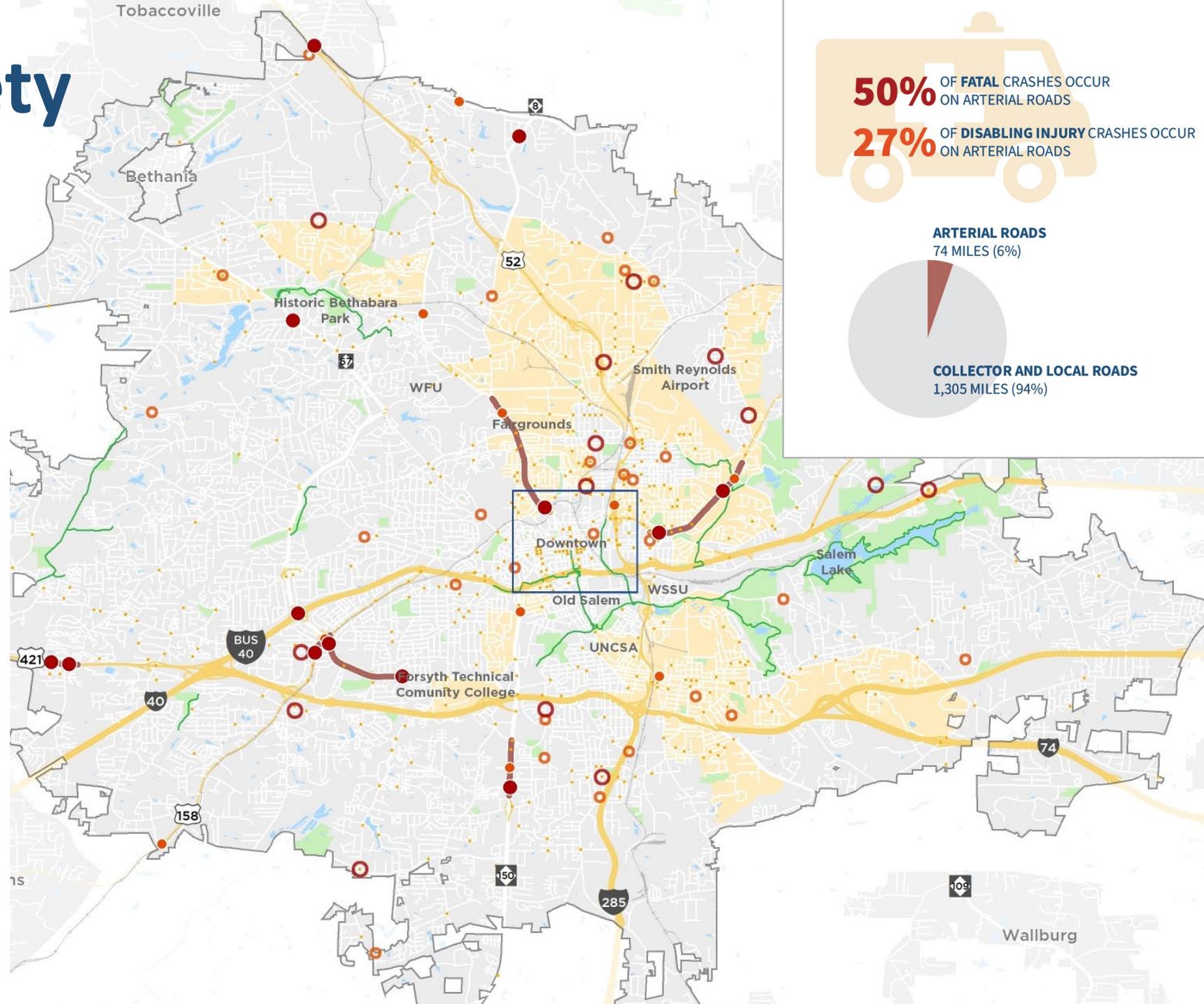
WALKING & BICYCLING is **FREE**

Facility Gaps



Pedestrian Safety

- Pedestrian Fatality on an Arterial Rd (14)
- Pedestrian Fatality on a Collector or Local Rd (14)
- Disabling Injury for Pedestrian on an Arterial Rd (10)
- Disabling Injury for Pedestrian on a Collector or Local Rd (27)
- Crash involving a Pedestrian (521)
- High Injury Corridor
- Existing Greenway
- High Concentration of Equity Indicators



50% OF FATAL CRASHES OCCUR ON ARTERIAL ROADS

27% OF DISABLING INJURY CRASHES OCCUR ON ARTERIAL ROADS

ARTERIAL ROADS
74 MILES (6%)

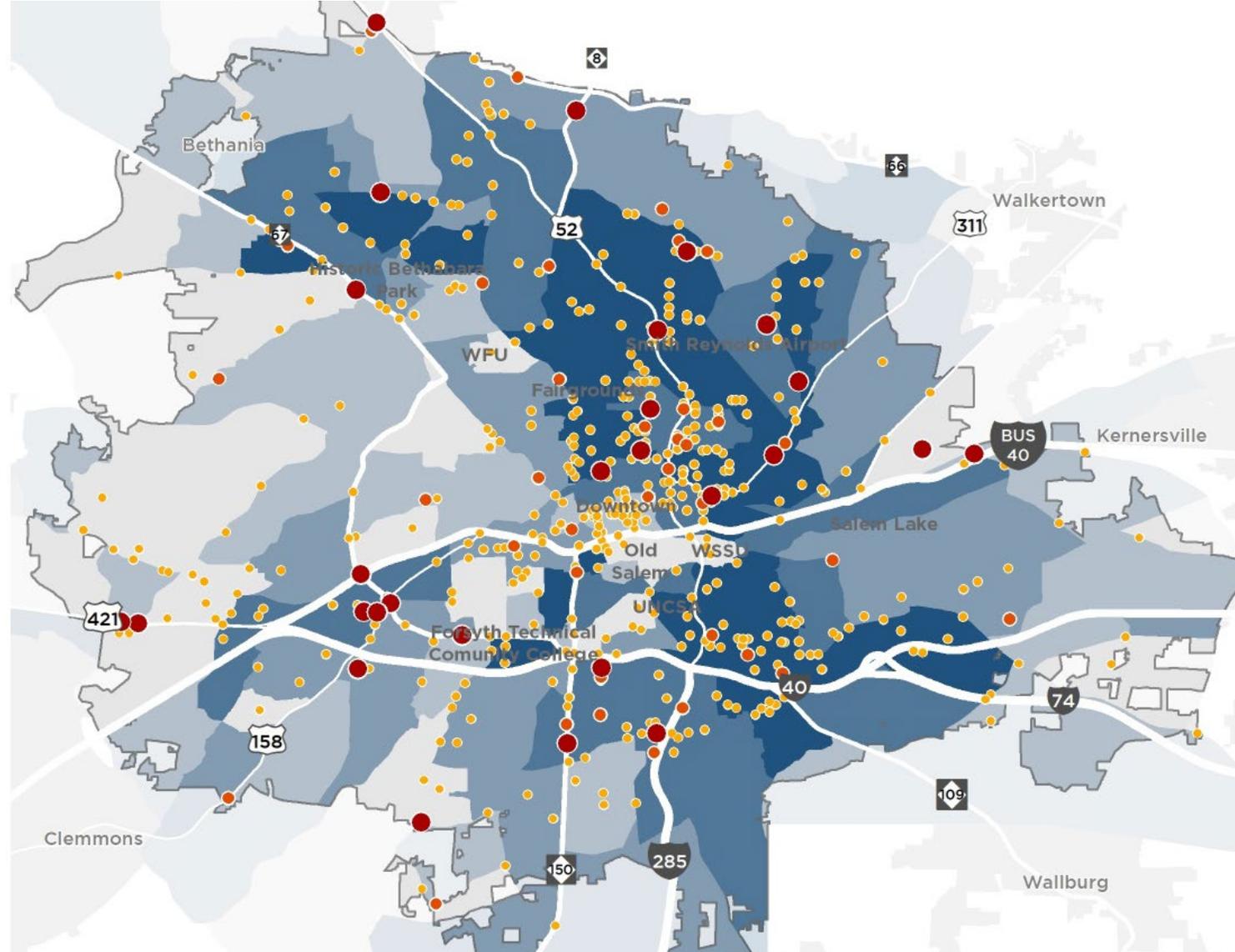
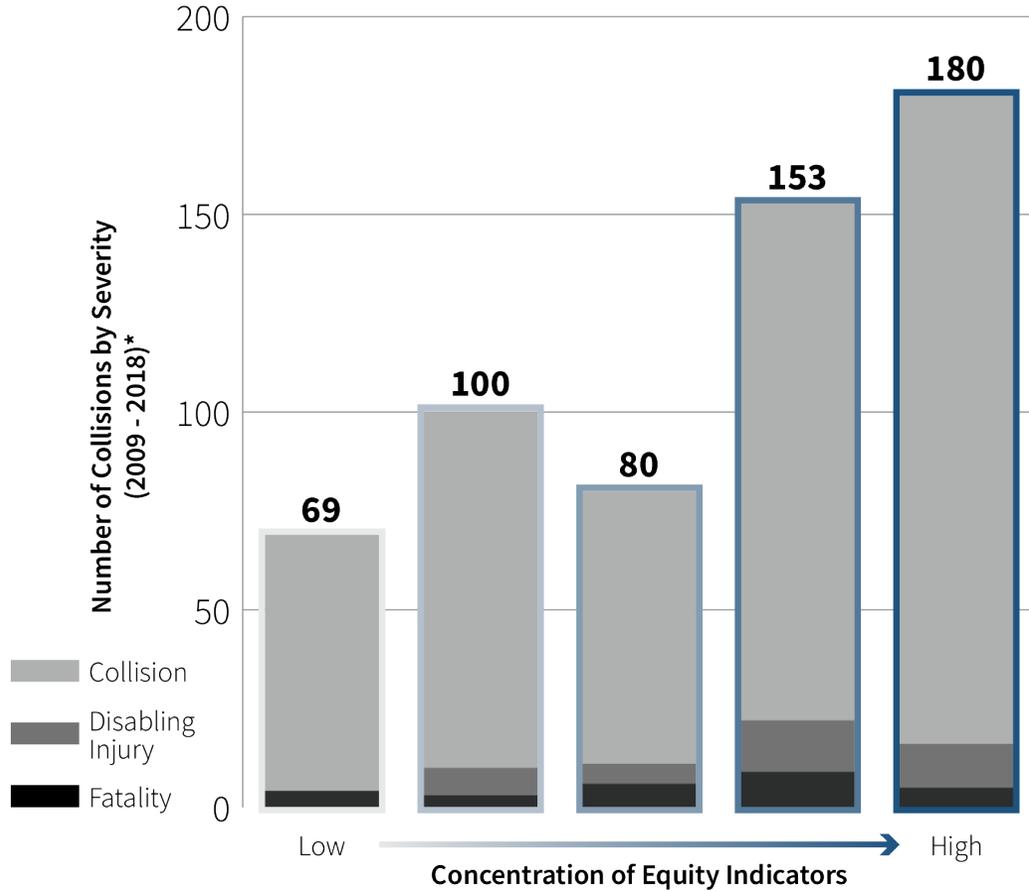
COLLECTOR AND LOCAL ROADS
1,305 MILES (94%)

% DECREASE IN CRASHES

- Install sidewalk to avoid walking along roadway **65-89**
- Increase enforcement to reduce speed **70**
- Install pedestrian refuge island **56**
- Add exclusive pedestrian phasing to signalized intersection **34**

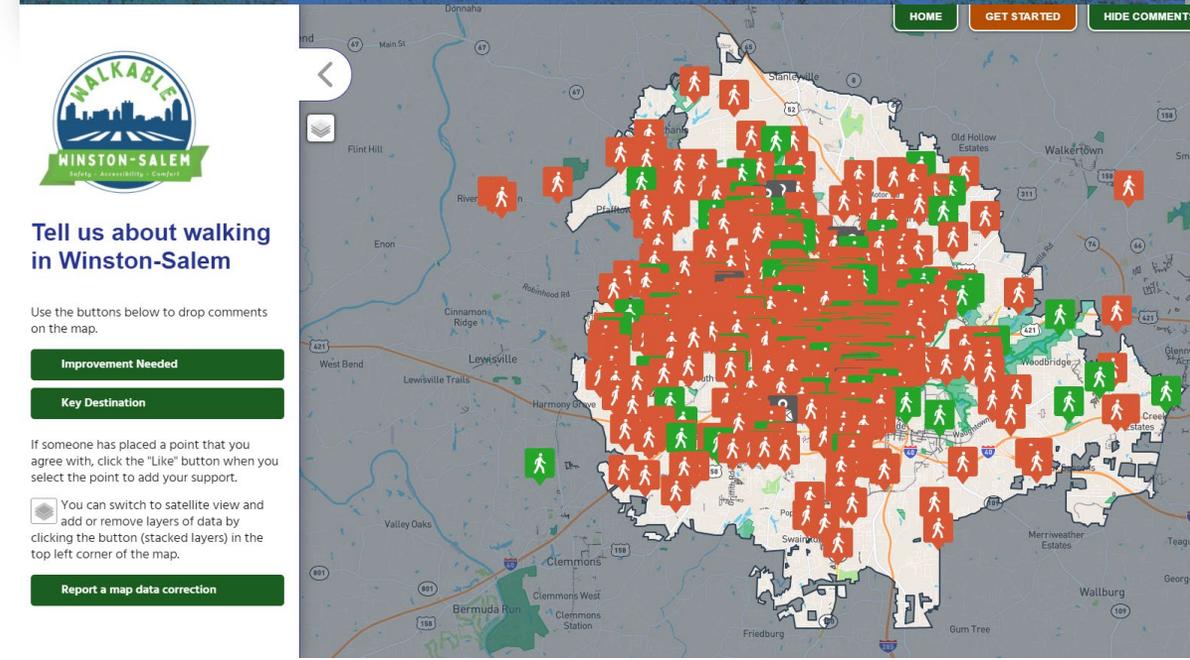
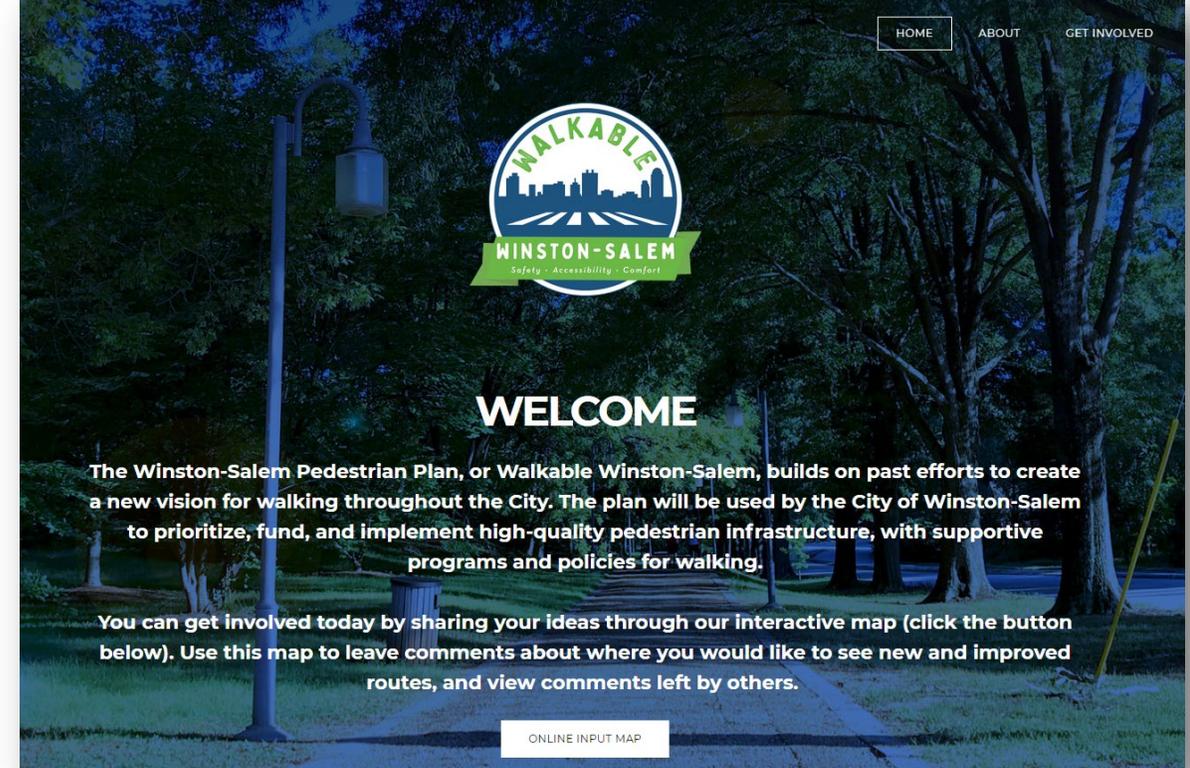
Equity and Safety

PEDESTRIAN COLLISION RATES BY DIFFERENT EQUITY INDICATOR AREAS



Public Outreach

- Website and online interactive map
- City social media outreach
- Committee promotion/word-of-mouth
- Outreach interviews
- 2 sets of webinars (July and November)
- Project post cards (November)
- Public survey (November)





Tell us about walking in Winston-Salem

Use the buttons below to drop comments on the map.

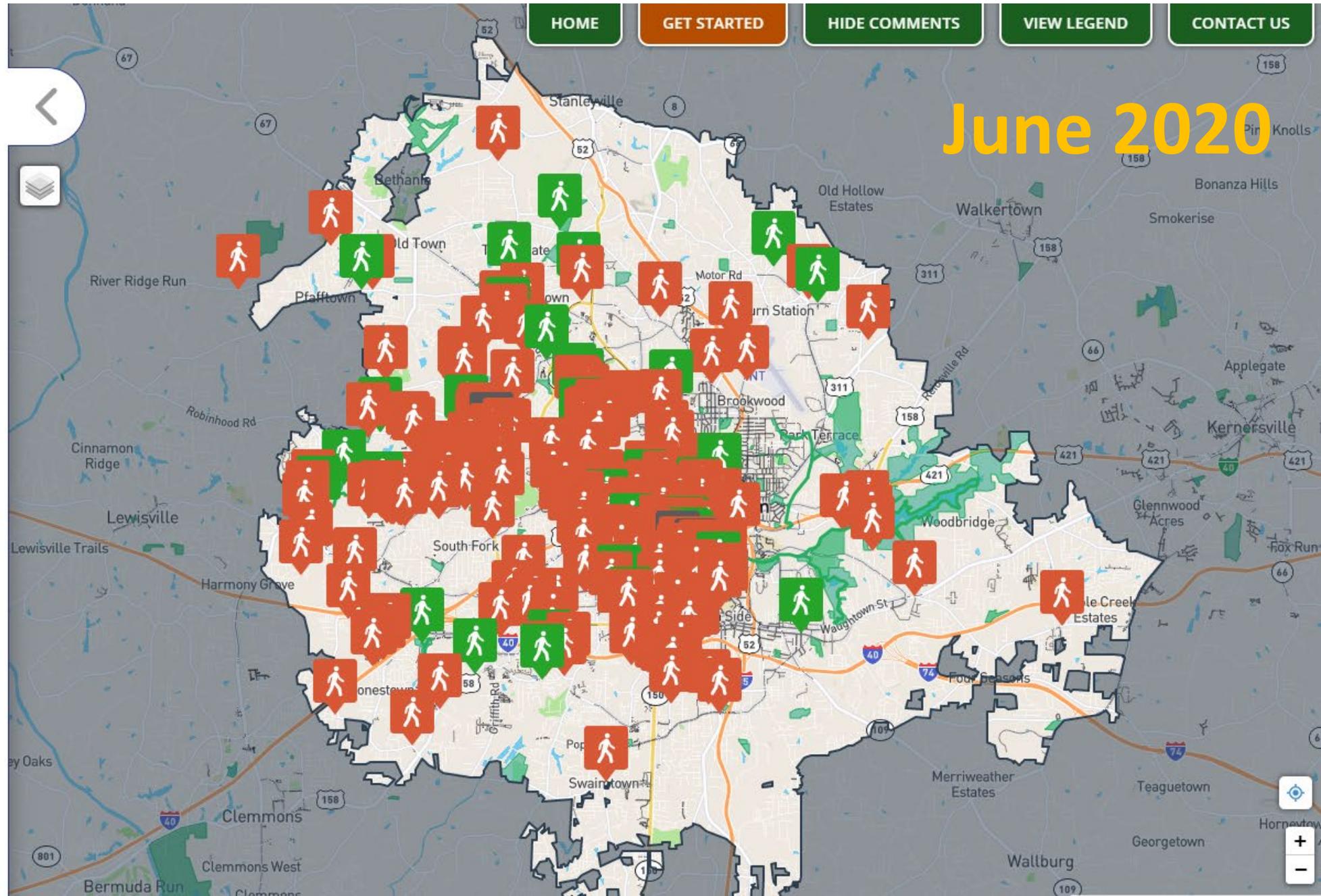
Improvement Needed

Key Destination

If someone has placed a point that you agree with, click the "Like" button when you select the point to add your support.

You can switch to satellite view and add or remove layers of data by clicking the button (stacked layers) in the top left corner of the map.

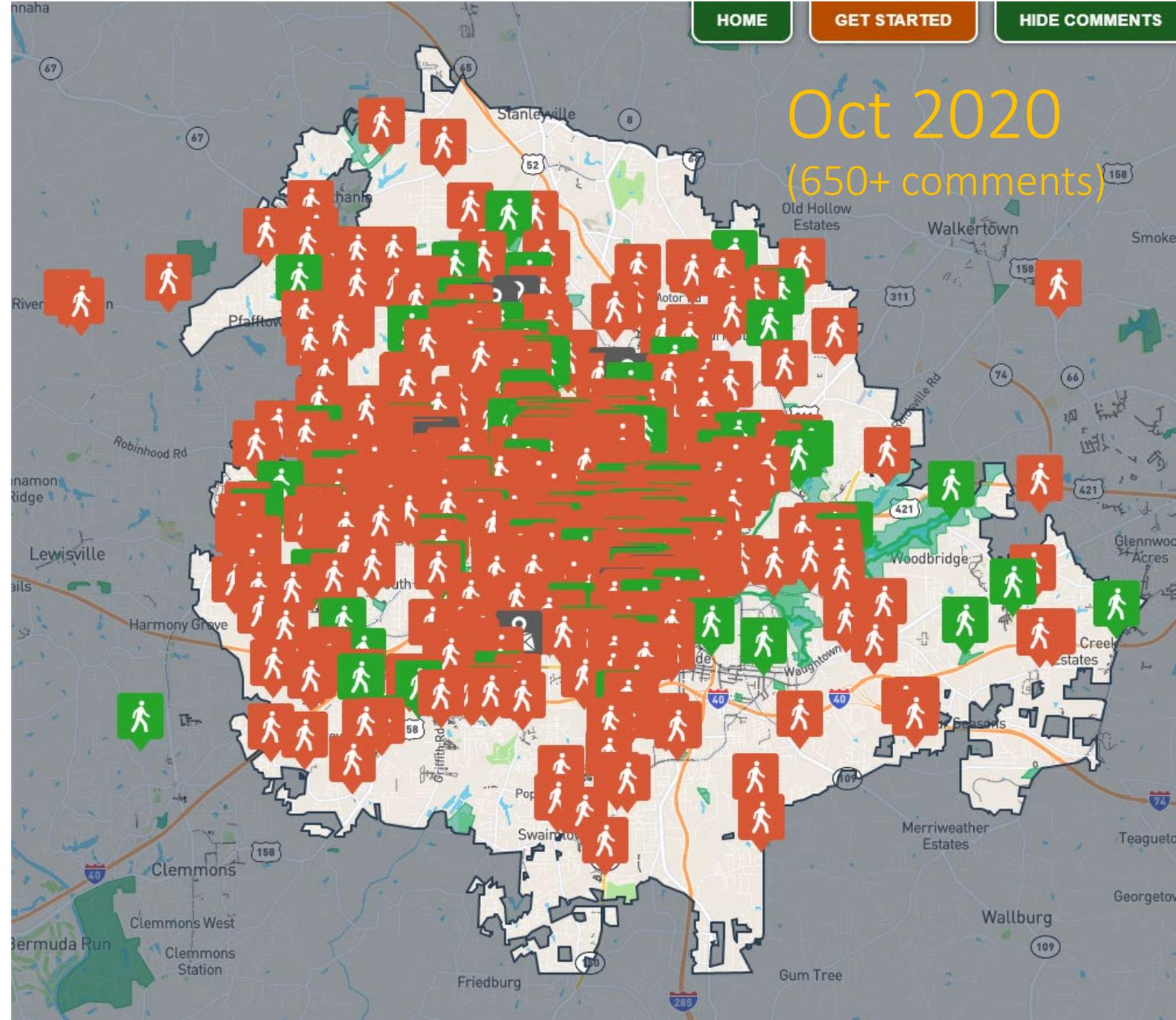
Report a map data correction



Supplementing the Online Input Map

Neighborhood Level
Outreach:

- E/NE Winston Neighborhood Association (Interview)
- Happy Hills Neighborhood Association (Interview)
- Atkins CDC (Outreach)



Supplementing the Online Input Map & Interviews

- Project Information Postcards & Public Survey



Where do you want to walk in Winston-Salem?

Winston-Salem is creating a new pedestrian plan to guide investment in sidewalks, crosswalks, greenways and other pedestrian improvements. We need more public input, not only on future improvements, but on the safety, comfort and accessibility of our current sidewalks, crosswalks and greenways.

Please visit Winston-SalemWalks.com to review draft recommendations and complete a survey to share your opinion.

The website also has an interactive map that lets you show us where improvements are needed, and also show us the places you would like to be able to reach on foot.

¿Dónde quieres caminar en Winston-Salem?

Winston-Salem está creando un nuevo plan peatonal para guiar la inversión en aceras, cruces peatonales, vías verdes y otras mejoras peatonales. Necesitamos más comentarios del público, no solo sobre las mejoras futuras, sino también sobre la seguridad, la comodidad y la accesibilidad de nuestras aceras, cruces peatonales y vías verdes actuales.

Visite Winston-SalemWalks.com para revisar el borrador de las recomendaciones y completar una encuesta para compartir su opinión.

El sitio web también tiene un mapa interactivo que le permite mostrarnos dónde se necesitan mejoras y también mostrarnos los lugares a los que le gustaría poder llegar a pie.



P.O. Box 2511
Winston-Salem, NC 27102

Where do you want to walk in Winston-Salem?

¿Dónde quieres caminar en Winston-Salem



Public Feedback in Related Plans

Example: The East End Master Plan

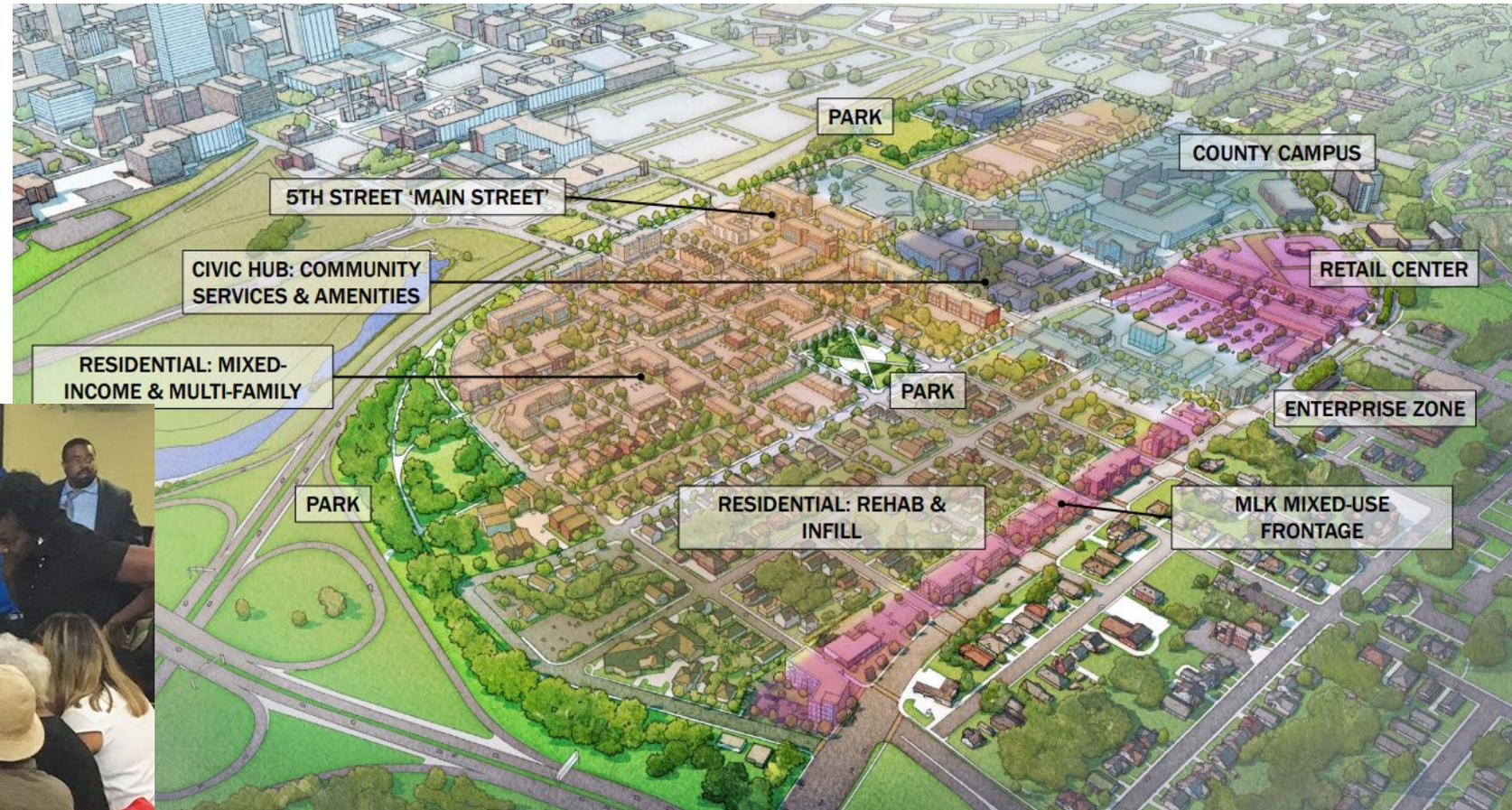
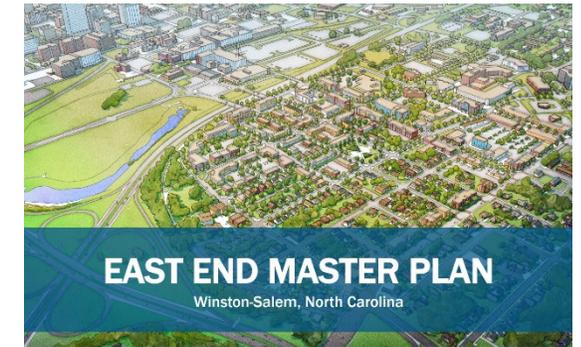


Photo by Tevin Stinson- More than 50 people gathered at First Calvary Baptist Church last week to discuss the future of their neighborhood.

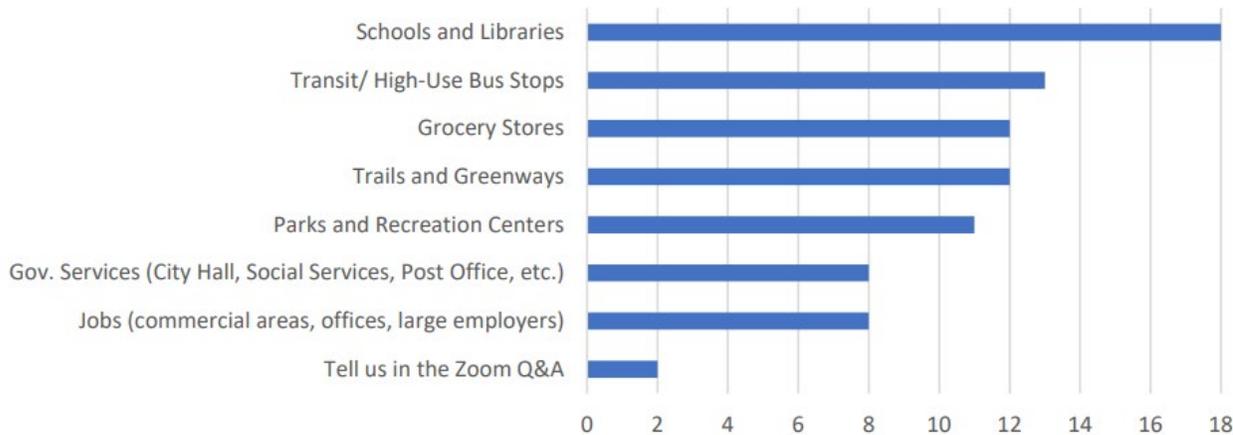
July Public Webinars/Presentations

- 38 participants
- Went over vision, goals, and existing conditions
- Input generally reflected committee discussions to-date
- Meeting summaries:

www.winston-salemwalks.com/get-involved

July Public Webinars/Presentations

1. What are the most important destinations to reach by walking in Winston-Salem? (choose up to 3)

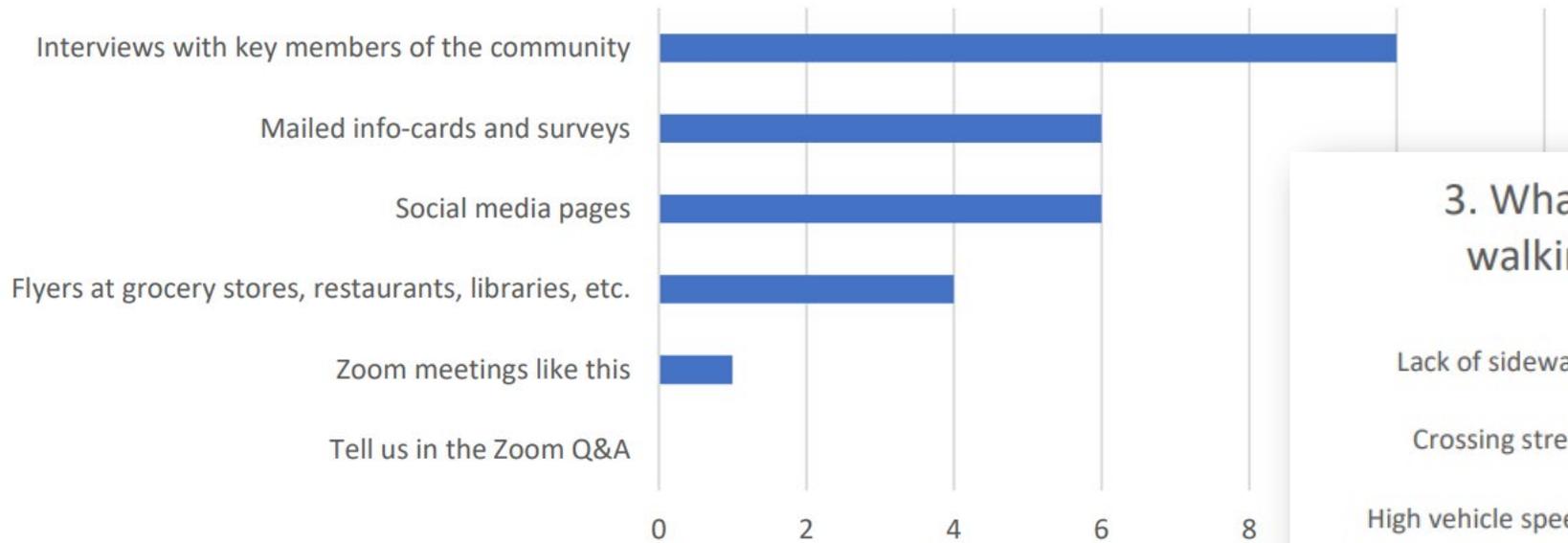


2. What would encourage you to walk more often?

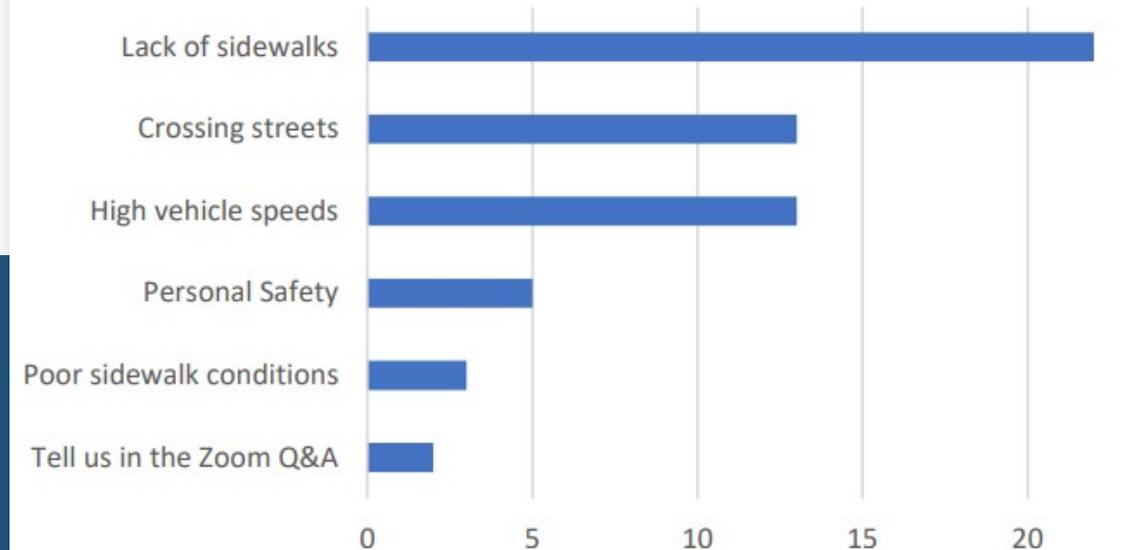


July Public Webinars/Presentations

7. How can we best get feedback from people in your community about this plan?



3. What are your biggest safety concern about walking in Winston-Salem? (choose up to 2)



Draft Prioritization Methodology

INPUT FROM THE EXISTING CONDITIONS ANALYSIS (CHAPTER 2)



PEDESTRIAN PRIORITY NETWORK (PPN) COMPONENTS

- *Urban Major Walkway*
- *Urban Minor Walkway*
- *Neighborhood Walkway*
- *Suburban Walkways*
- *Suburban Low Density Walkways*
- *Rural Commercial Walkways*
- *Rural Walkways*



OVERALL PROJECT LIST



PRIORITIZATION TABLE



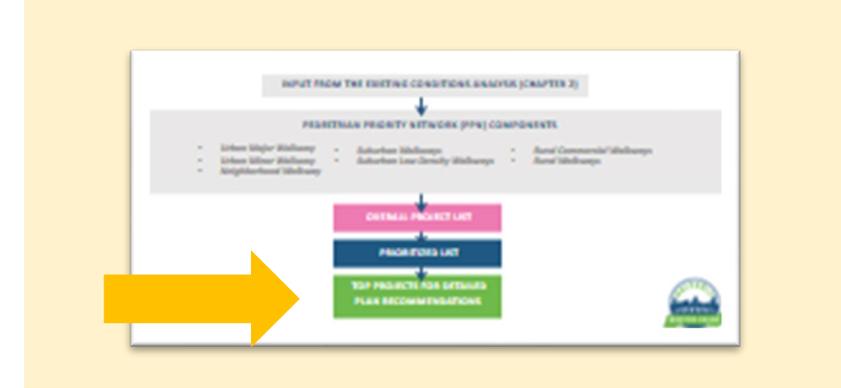
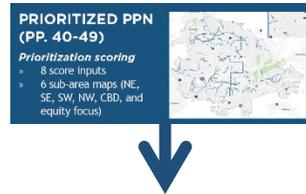
Outcomes by Selected
Criteria



Plan Goal	Plan Objective	Score Input	Possible Points	Max Score
 Promote Equity	Prioritize investment in areas with the greatest historic underinvestment in pedestrian infrastructure and with historically under-served populations where need may be higher.	Equity analysis results	1-5	5
 Enhance Connectivity, Mobility, and Accessibility	Complete and maintain a pedestrian network, providing better connectivity, ensuring accessibility for people of all ages and abilities.	Each school or library within 1/4 mile	+2	5
		Each school or library within 1/4 mile to 1/2 mile	+1	
		Each university within 1/4 mile	+5	
		Each university within 1/2 mile	+3	
 Increase Safety	Protect the public safety and personal security of people walking.	Each crash on segment	+1	5
		Any fatality along segment	+5	
		Street classification of Collector or above	+3	
 Increase Livability	Establish a strategic prioritization process that commits to funding pedestrian network improvements and existing sidewalk maintenance in the most critical locations.	Demand analysis results	1-5	5
 Create a Positive Economic Impact		Segment is along a top 10 transit route (by ridership)	+5	5
		Segment has a transit stop	+3	10
		Each public comment or support vote	+1	
 Enhance Health	Improve the health of residents and the environment by getting more people walking for their transportation, recreation, and daily needs through policies, programs, and projects.	Each park, greenway, or recreation center within 1/4 mile	+2	5
 Protect the Environment		Each park, greenway, or recreation center within 1/2 mile	+1	
		Maximum Score		40



Draft Prioritization Methodology



Outcomes by Selected Criteria & City Council Review and Approval by Ward

All potential projects throughout the city can be sorted according to a variety of criteria, such as:

- Location/geographic area
- Feasibility/magnitude of cost (based on need for curb and gutter)
- Funding focus areas (connectivity, safety, equity, economic impact, health)
- City vs. NCDOT owned & maintained
- Projects in-development



Draft Prioritization Methodology

In the simplest terms, we:

1. Identified a wide collection of potential projects based on needs and corridor types;
2. Prioritized those projects through a set of criteria based on plan goals and objectives; and
3. Created a database of projects that can be used to select projects.



Prioritization Considerations

- Prioritization is only a tool
- Actual order of implementation depends on many factors:
 - Source of funding & funding stipulations
 - Other construction/development along the corridor
 - City/BPMAAC direction in years to come
 - Ongoing/future public input
 - City Council's adopted process for prioritization
- Next Step: Present to City Council for review and comment

