



EASTSIDE GREENWAY

Cuyahoga County, *East Cleveland Region*

Alternatives Framework

January 2015

SMITHGROUPJJR

Michael Baker

INTERNATIONAL

AGENDA

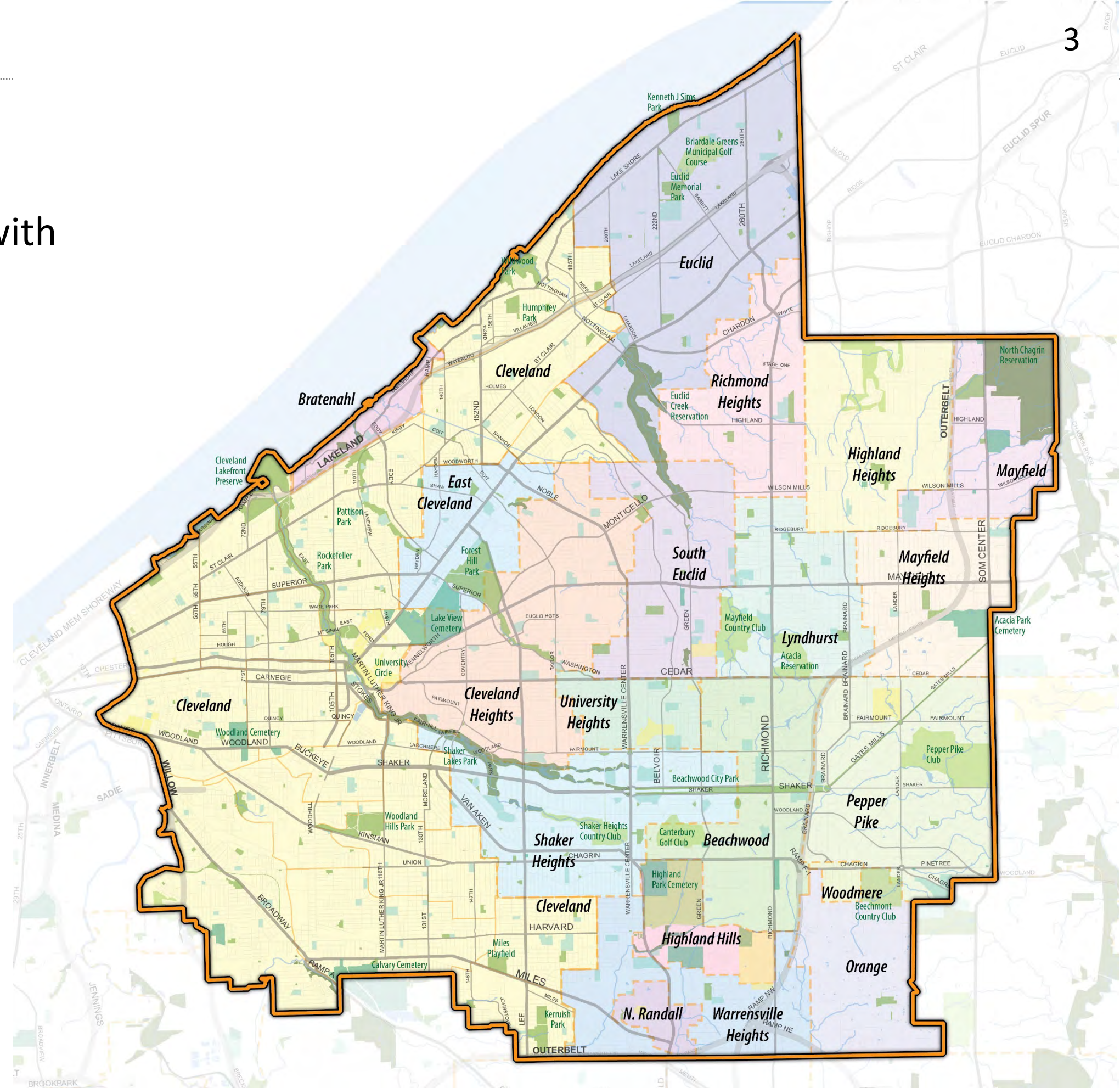
1. Project Overview
2. Route Network + Preliminary Alternatives
3. Route Evaluation Methodology
4. HIA Integration + Recommendations
5. MetroQuest Survey
6. Next Steps
7. Discussion



The Eastside Greenway seeks to connect the east side of Cleveland with 18 Greater Cleveland municipalities through a unified trail network.

Link neighborhoods to:

- Employment centers
- Schools
- Services (health, governmental, libraries, etc.)
- Food/retail
- Parks and open space



**THIS ONE
RUNS ON FAT
AND SAVES YOU MONEY**



**THIS ONE
RUNS ON MONEY
AND MAKES YOU FAT**



Peter Drew

“Create an environment that makes it irresistible to walk and bike!”

Dr. Richard Jackson

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AND MAKES YOU FAT**



Peter Drew

Project Team

Project Sponsors

Glenn Coyne – Cuyahoga County Planning Commission
Patrick Hewitt – Cuyahoga County Planning Commission
Anna Swanberg – LAND studio
Nancy Boylan – LAND studio
Joel Wimbiscus – LAND studio

Advisory Members

Ryan Noles – NOACA
Jacob Van Sickle – Bike Cleveland
Valerie Shea – GCRTA
Kelly Coffman – Cleveland Metroparks

Consultant Team

Neal Billetdeaux – SmithGroupJJR
Nancy Lyon-Stadler – Baker
Oliver Kiley – SmithGroupJJR
Chad Brintnall – SmithGroupJJR

Steering Committee

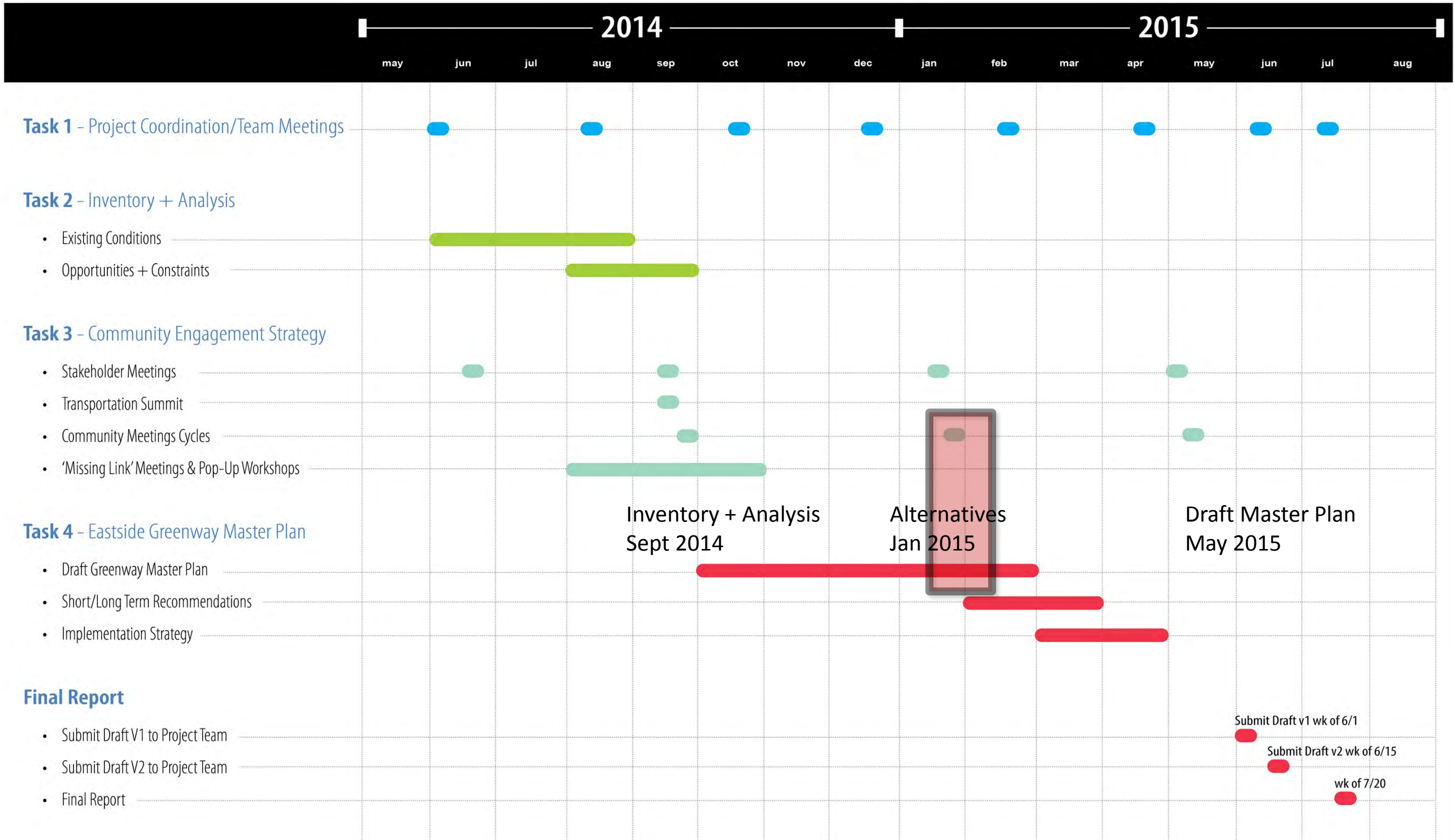
Municipalities

Jim Sonnhalter – Euclid
Ann Klavora – Shaker Heights
Richard Wong – Cleveland Heights
Belinda Kyle – East Cleveland
Marty Cader – Cleveland
Tina Turick – Beachwood
Jeff Pokorny – University Heights
Mayor Joseph Cicero – Lyndhurst
Steve Presley – Pepper Pike
Mayor Anthony DiCicco – Mayfield Heights

Diane Wolgamuth – Mayfield Village
Christel Best – Richmond Heights
Keith Benjamin – South Euclid
Jeanne Lyon – Bratenahl
Marlene Kole – Highland Heights
Bob Zupan – Orange Village
Pequita Hansberry – Warrensville Heights

Advisory Members

Melinda Bartizal / John Motl – ODOT
Stan Kosilesky – Cuyahoga County Dept. of Public Works
Marc Lefkowitz – Green City Blue Lake Institute
Kay Carlson – Nature Center at Shaker Lakes
Victoria Mills – Doan Brook Watershed Partnership
Rory Robinson – National Parks Service
Claire Posius – Cuyahoga Soil and Water Conservation District
Kathy Hexter – Cleveland State University
Elise Yablonsky – University Circle Inc.
Martha Halko – Cuyahoga County Board of Health
Kyle Dreyfuss-Wells – NEORS



Vision: an interconnected system that serves the community with positive health, recreational, transportation and economic benefits

Project Goals:

The purpose of the Eastside Greenway is to **increase pedestrian and bicycle connectivity** in the eastern portion of Cuyahoga County and create a **unified network** that will serve as an alternative mode of transportation, connecting neighborhoods to employment centers, transit, services and parks and green spaces.

1. *Identify a non-motorized network to provide more travel options.*

- Alternative modes of transportation improve neighborhood connectivity to employment centers, transit, services and open/recreational spaces.

2. *Support economic development and reinvestment in underutilized or vacant/abandoned properties.*

- A connected non-motorized transportation network can serve to stimulate economic development and provides an important element for coordinating land use recommendations.

3. *Integrate community health considerations into preferred non-motorized recommendations.*

- The Health Impact Assessment provides several recommendations organized around equity, crime/fear of crime, social cohesion and transportation that will be incorporated into the planning process.

4. *Complement existing plans and initiatives to encourage collaboration between regional and community partners.*

- The Eastside Greenway planning process can serve as a tool to ensure that existing planning efforts and initiatives are coordinated across the study area.

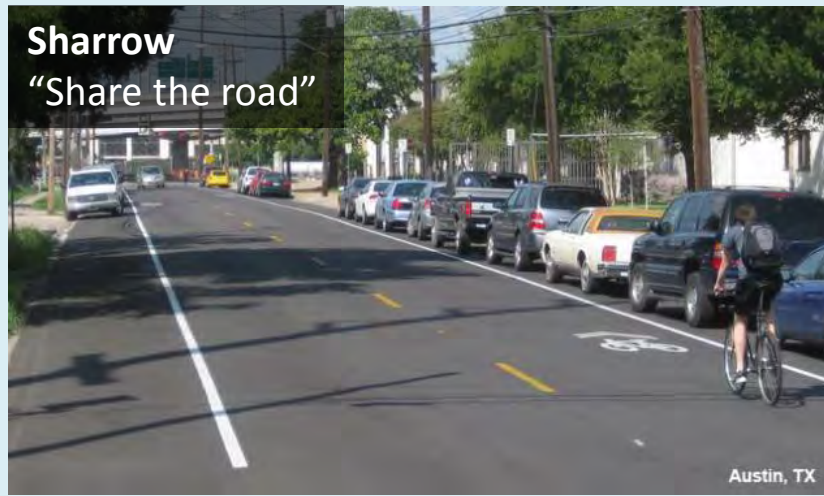
5. *Incorporate green infrastructure into the greenway recommendations.*

- Green infrastructure improves local and regional water quality, habitat connections and biodiversity.

EASTSIDE GREENWAY

Greenway Infrastructure

- **On-Road Facilities**



- **Off-Road Facilities**










Sidepaths typically follow the roadway right-of-way but are fully separated multi-use facilities

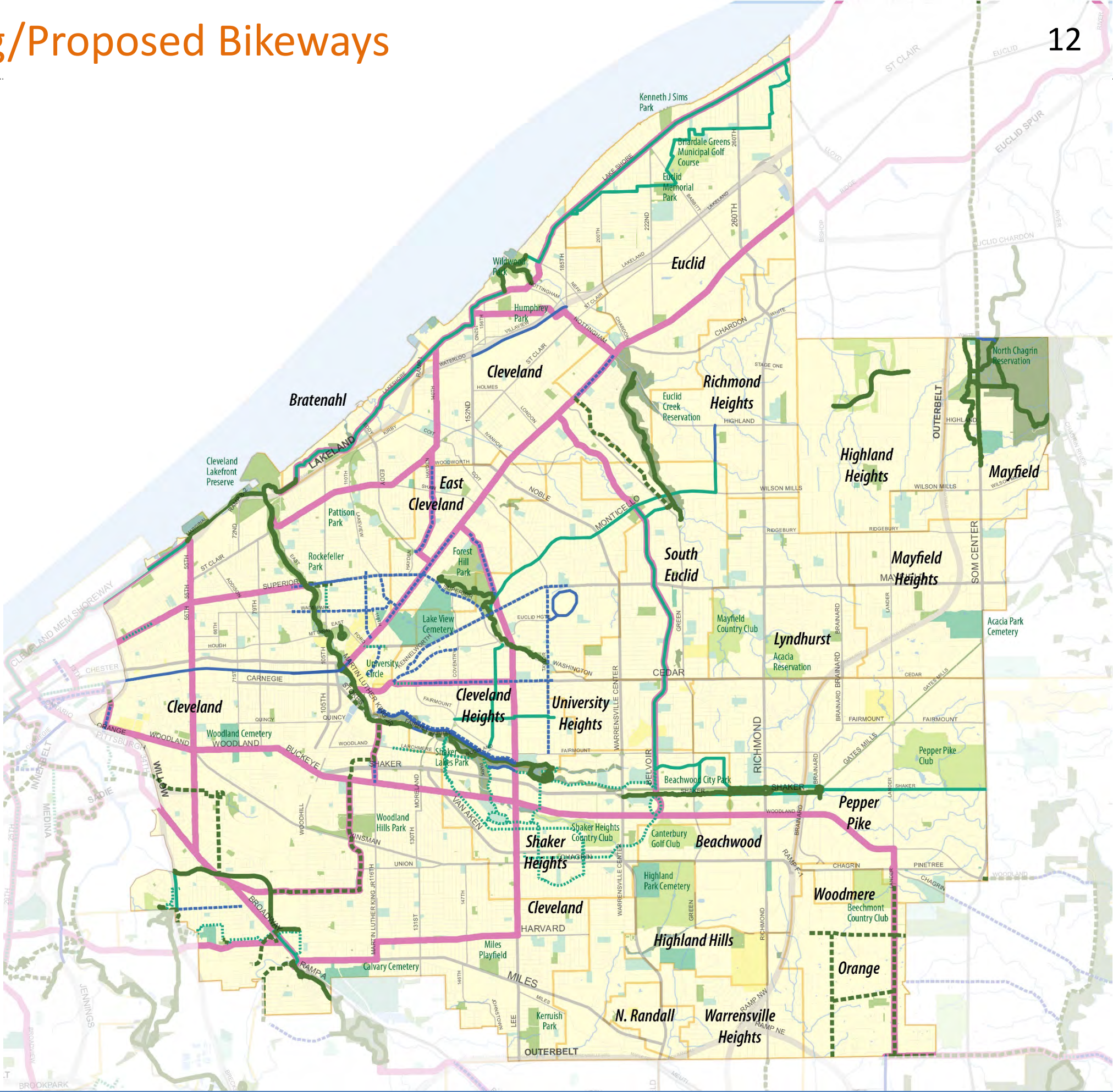
EASTSIDE GREENWAY

Route Network + Preliminary Alternatives

Existing and previously proposed and/or planned bike facility improvements









Bikeway Network

-  Existing Off-Street Path
-  Planned Off-Street Path
-  Existing Bike Lane
-  Planned Bike Lane
-  Existing Bike Route
-  Planned / Committed Route
-  Regional Priority Bikeway (NOACA)





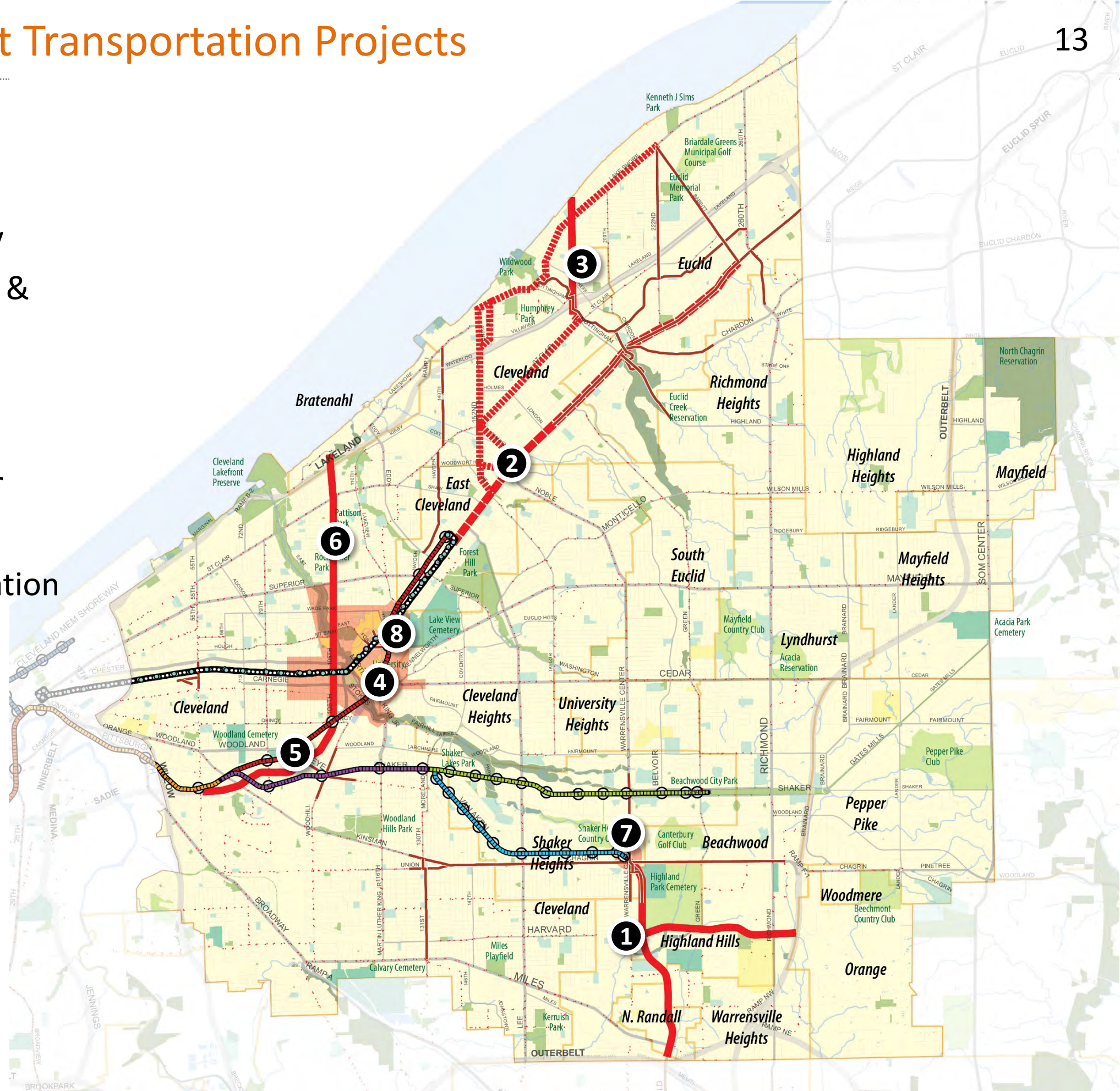
1. RTA Blue Line Extension
2. RTA Healthline/Redline Extension
3. TLCI – East 185th Street Planning Study
4. TLCI – University Circle Transportation & Mobility Study
5. ODOT – Opportunity Corridor
6. TLCI – East 105th / East 93rd Districts Heritage Lane to Opportunity Corridor
7. Van Aken District Redevelopment
8. Little Italy – University Circle Rapid Station

Existing RTA Lines

-  Blue Line
-  Green Line
-  Joint Territory
-  Red Line East
-  Red Line West
-  Shaker Trunk
-  Waterfront Line
-  RTA_Healthline_BRT (white)

Transportation Projects

-  Prior TLCI Projects
-  Active TLCI + Other Projects

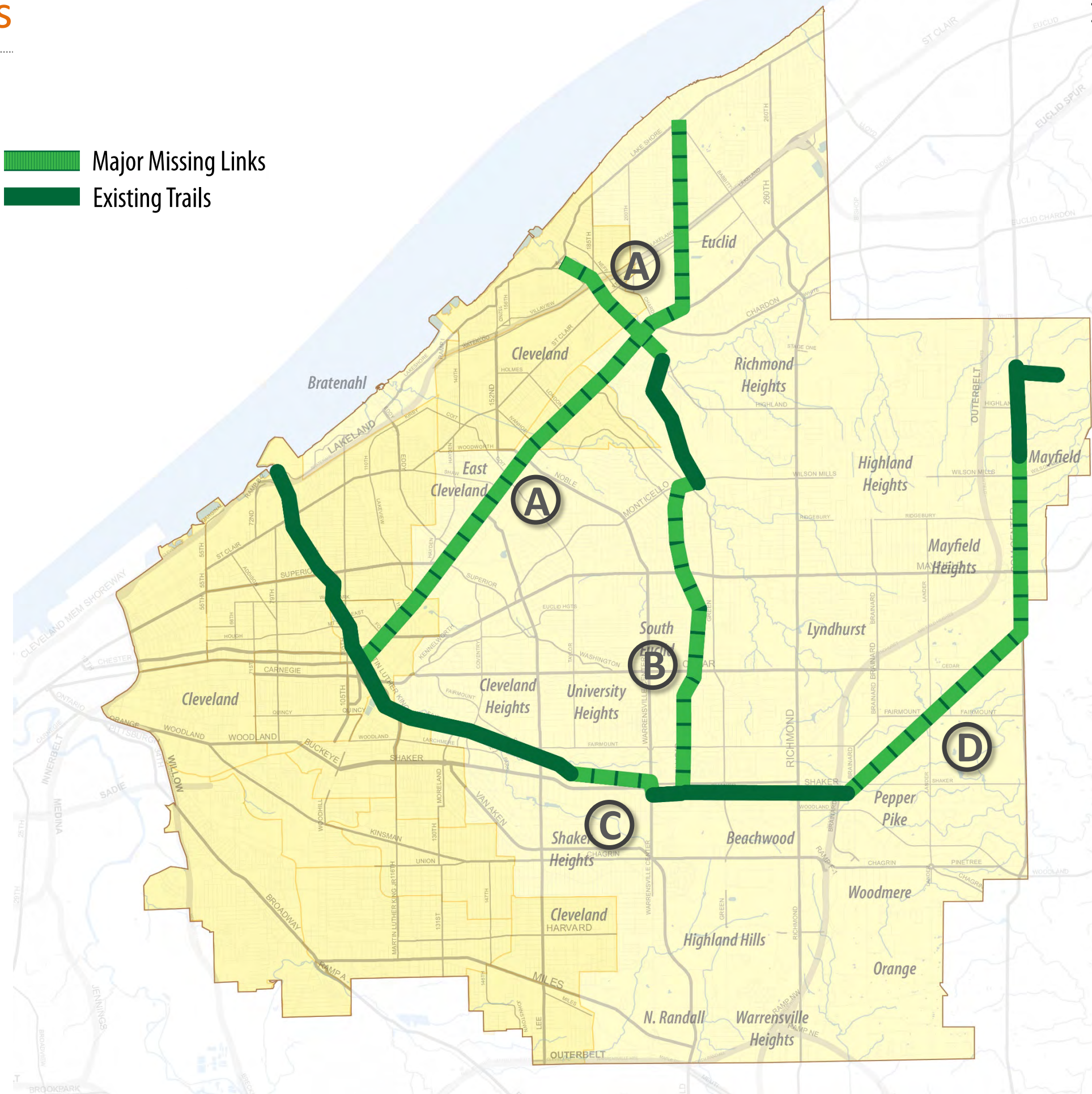


Missing Links – Original Segments

The missing links connect to existing and proposed trail systems to provide a regional greenway network.

- A. Euclid Corridor + Euclid Creek
- B. Belvoir Corridor
- C. Shaker Corridor
- D. Gates Mills /SOM Center Corridor

 Major Missing Links
 Existing Trails



Missing Links - Original + Additional Segments

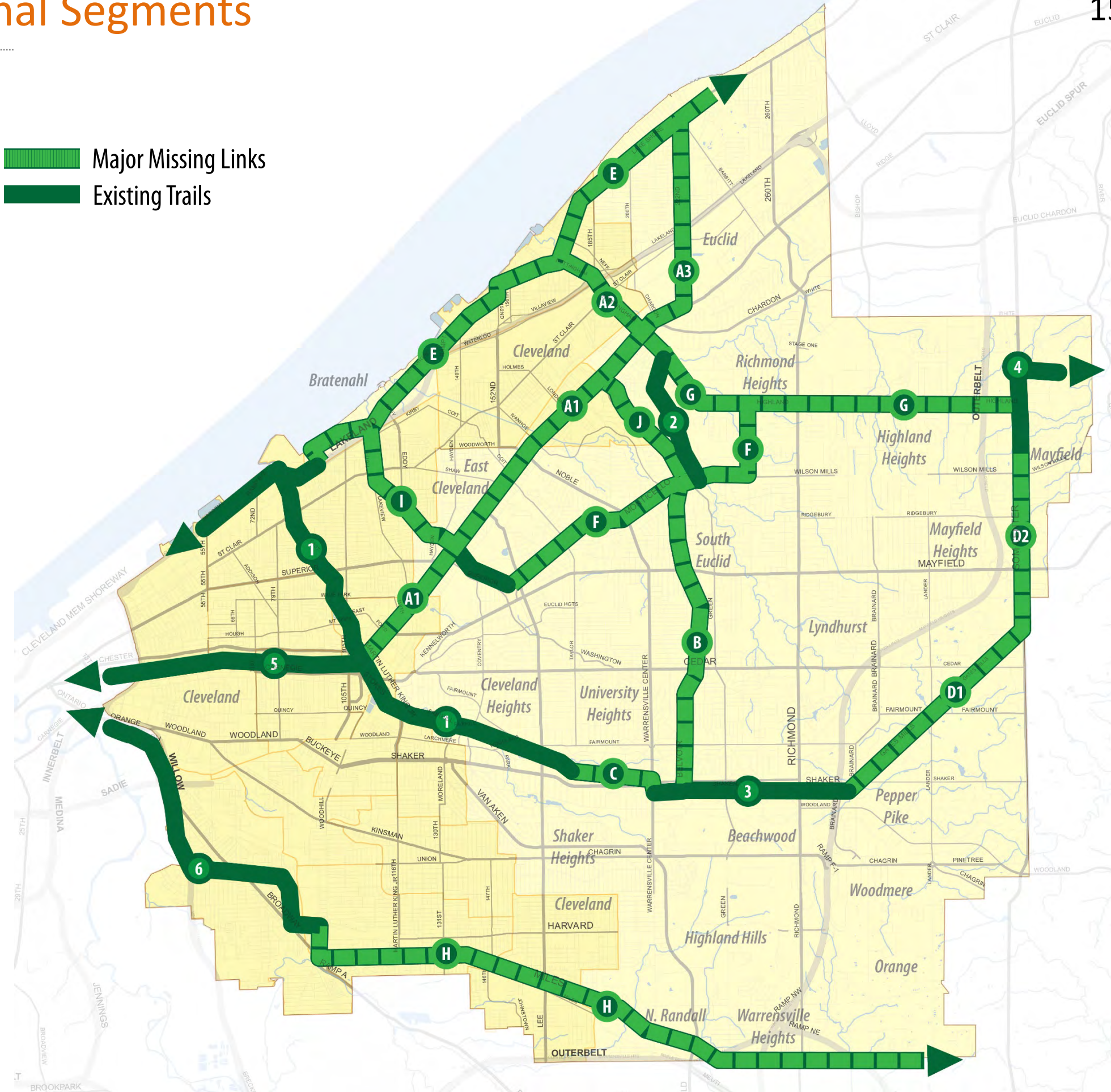
Existing Trails

1. Lake-to-Lake Trail
2. Euclid Creek Reservation Trail
3. Shaker Median Trail
4. Mayfield Trails and North Chagrin Trails
5. Euclid Ave (bike lanes)
6. Morgana Run Trail/Downtown Connector

-  Major Missing Links
-  Existing Trails




Major Missing Links

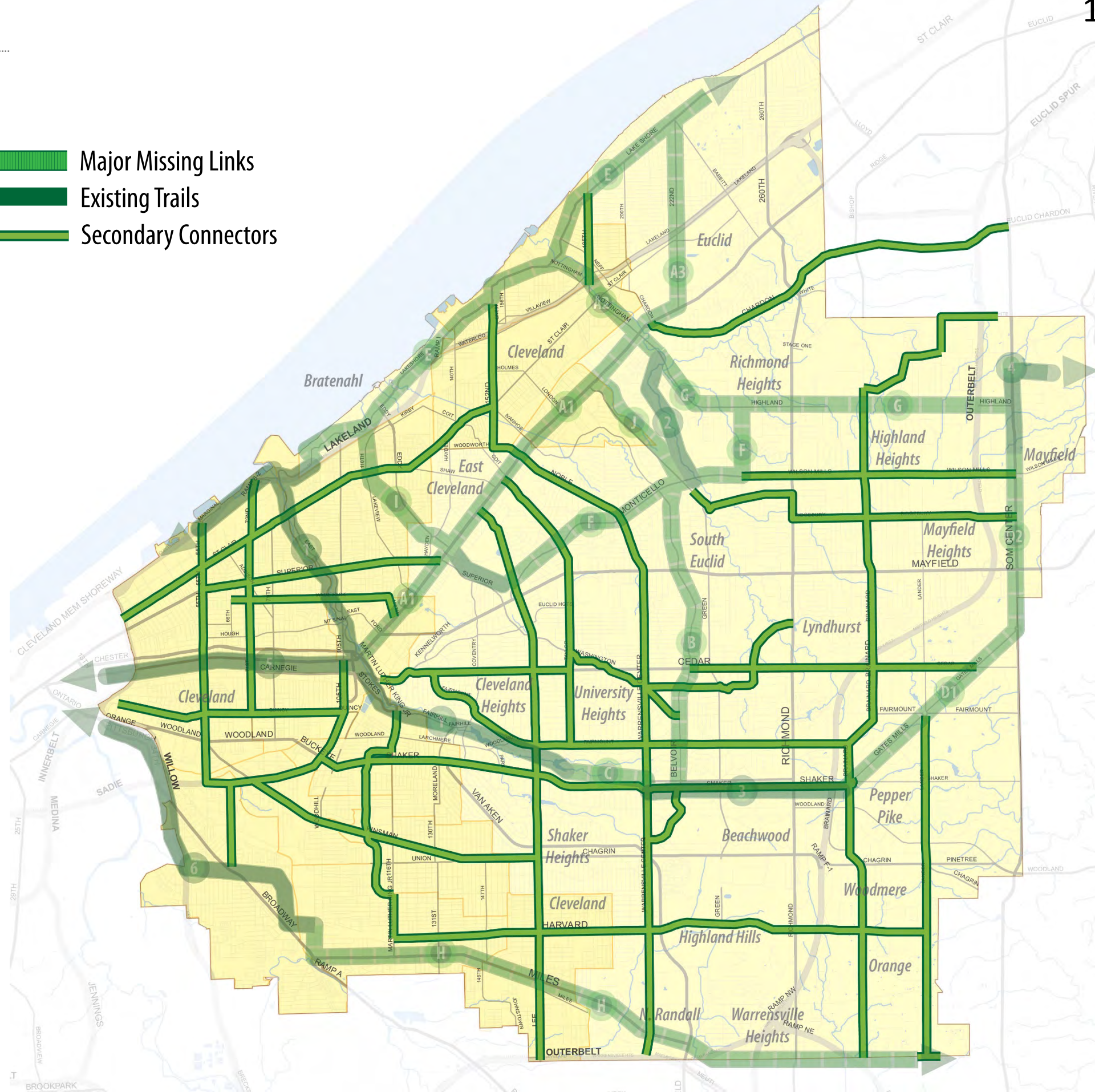
- A1 Euclid Ave Corridor
- A2 Euclid Creek to Wildwood
- A3 222nd to Lakeshore
- B Belvoir Corridor
- C Shaker Heights Corridor
- D1 Gates Milles Corridor
- D2 SOM Center Corridor
- E Lakeshore Corridor
- F Monticello Corridor
- G Highland Corridor
- H Miles Corridor / Randall Secondary Line
- I Pattison Park Corridor
- J Euclid Loop



Secondary greenway connectors provide additional on-street/some off-street connections between the major missing link greenways to destinations such as job centers, community services and commercial areas.




These often coincide with planned or proposed non-motorized facilities and transportation projects.

-  Major Missing Links
-  Existing Trails
-  Secondary Connectors









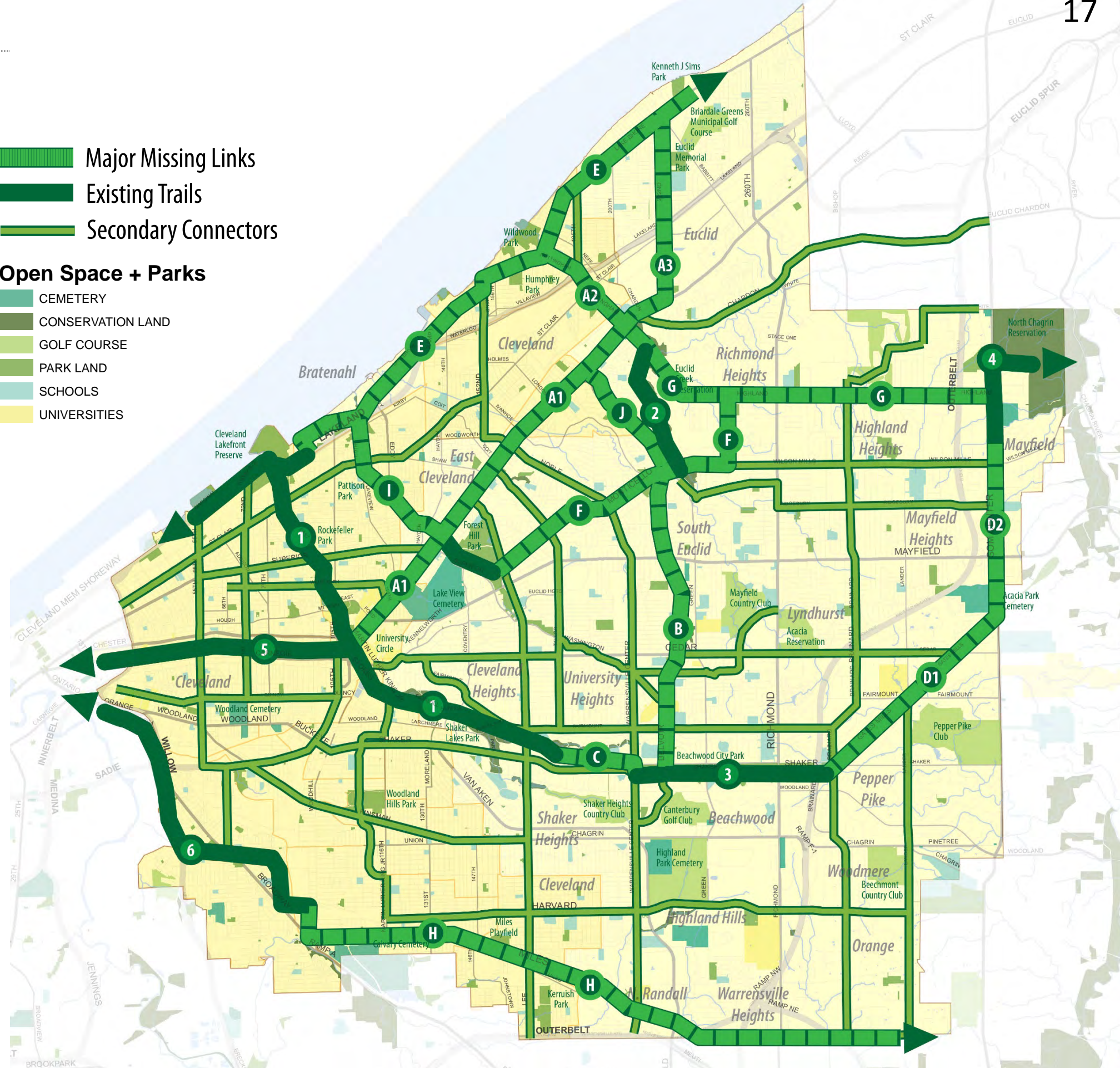
Overall Greenway Network

Overall greenway network (major missing links and secondary connectors) in relationship to parks, open spaces, schools, and universities.

-  Major Missing Links
-  Existing Trails
-  Secondary Connectors

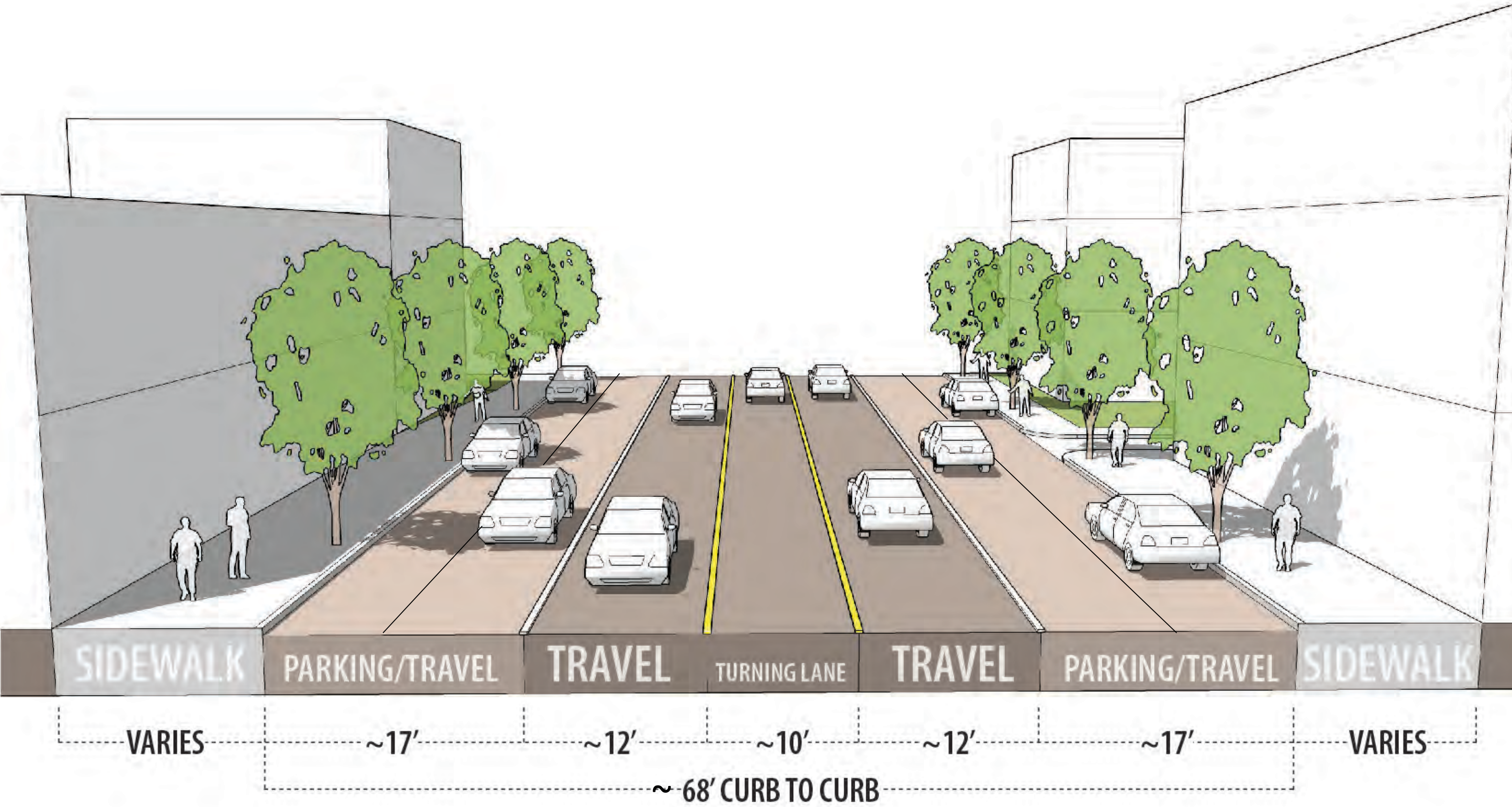
Open Space + Parks

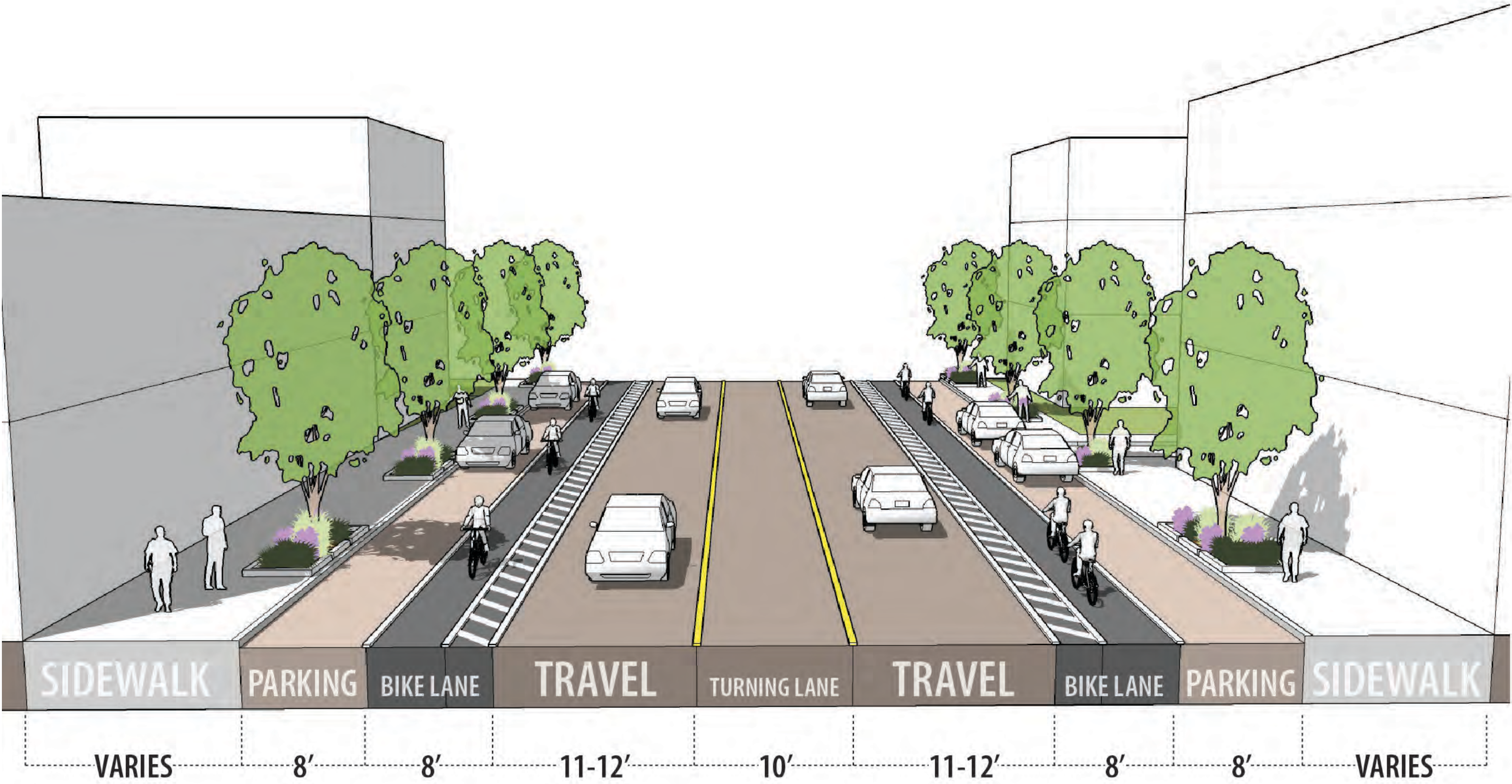
-  CEMETERY
-  CONSERVATION LAND
-  GOLF COURSE
-  PARK LAND
-  SCHOOLS
-  UNIVERSITIES

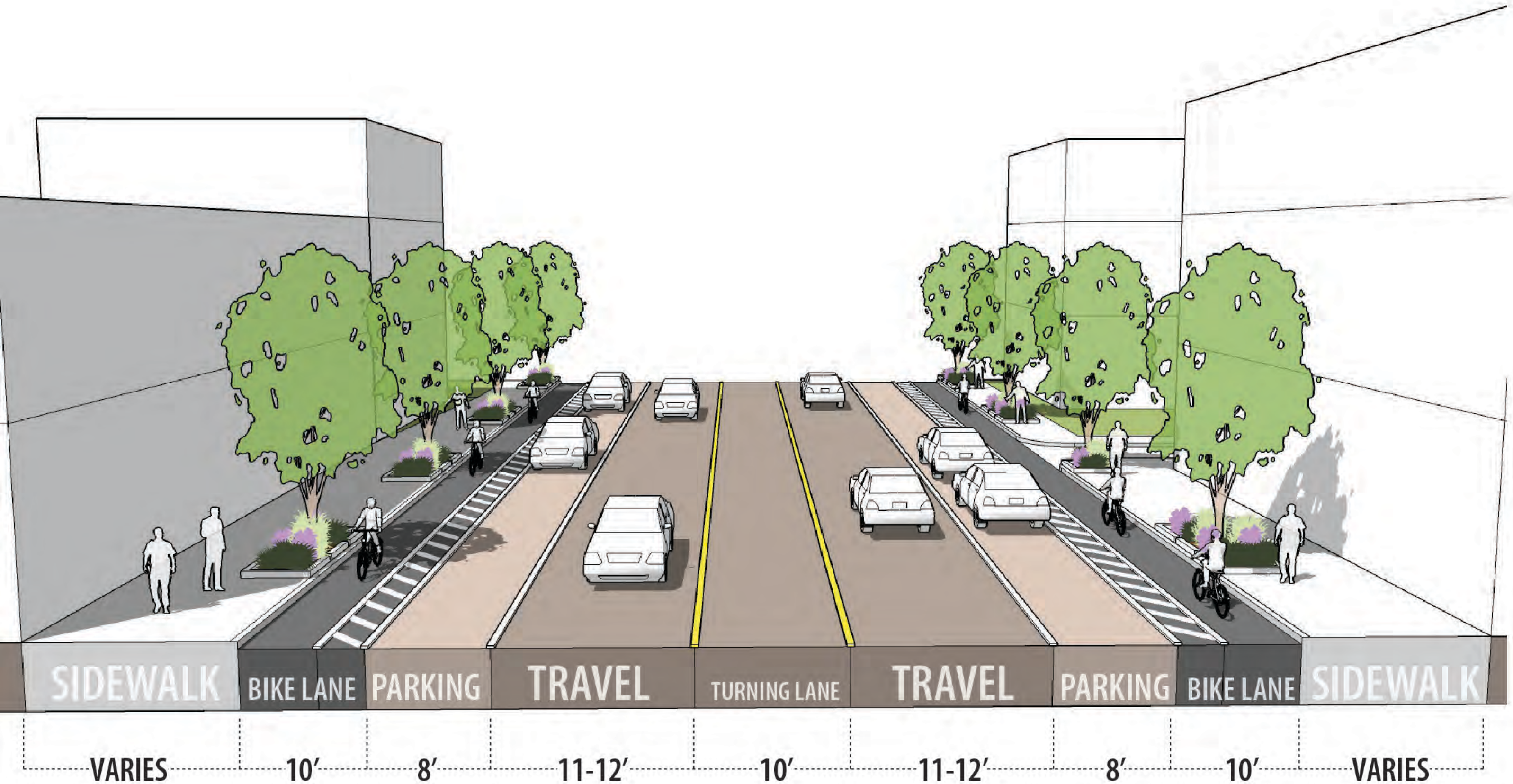


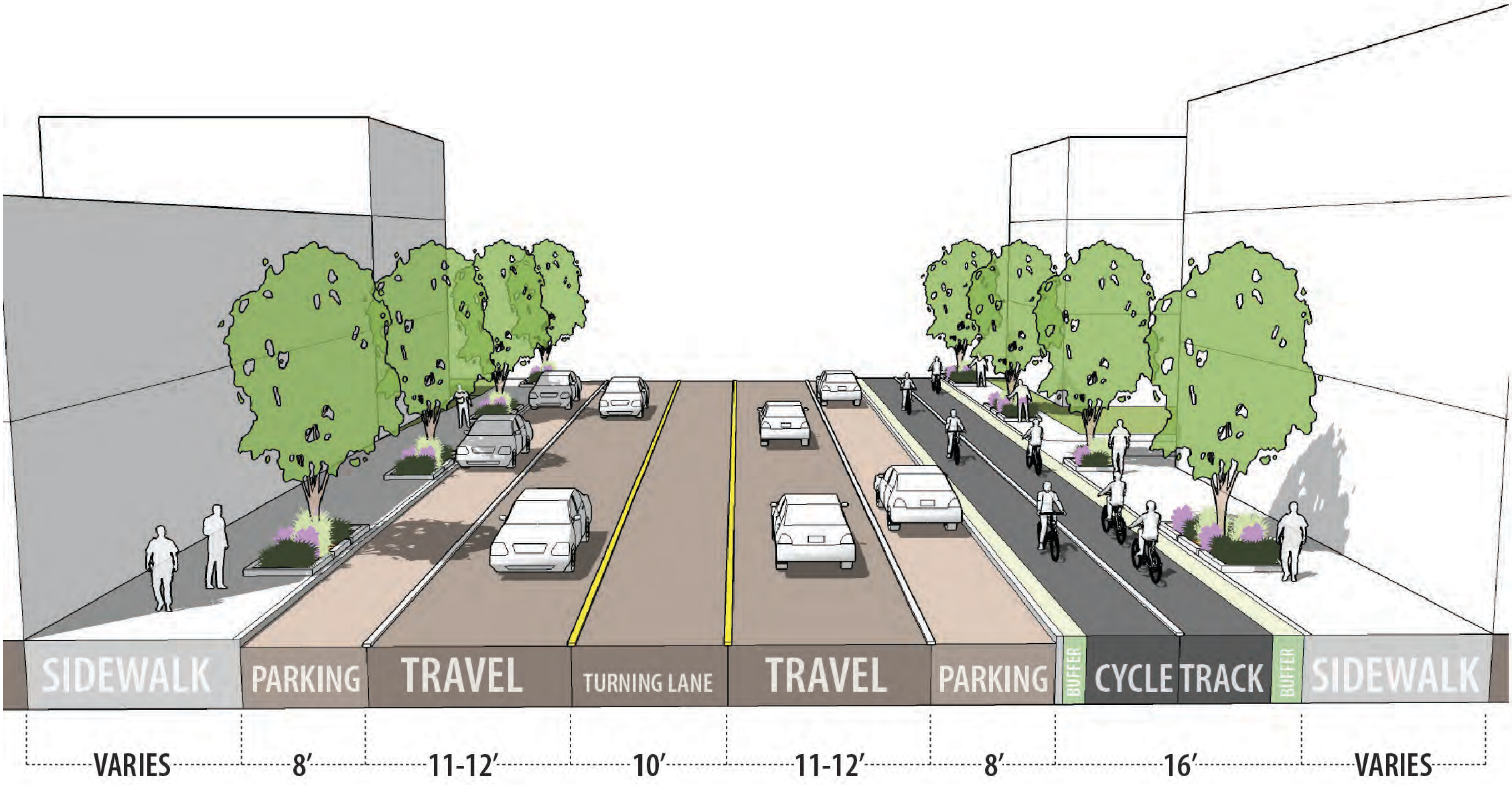
EASTSIDE GREENWAY

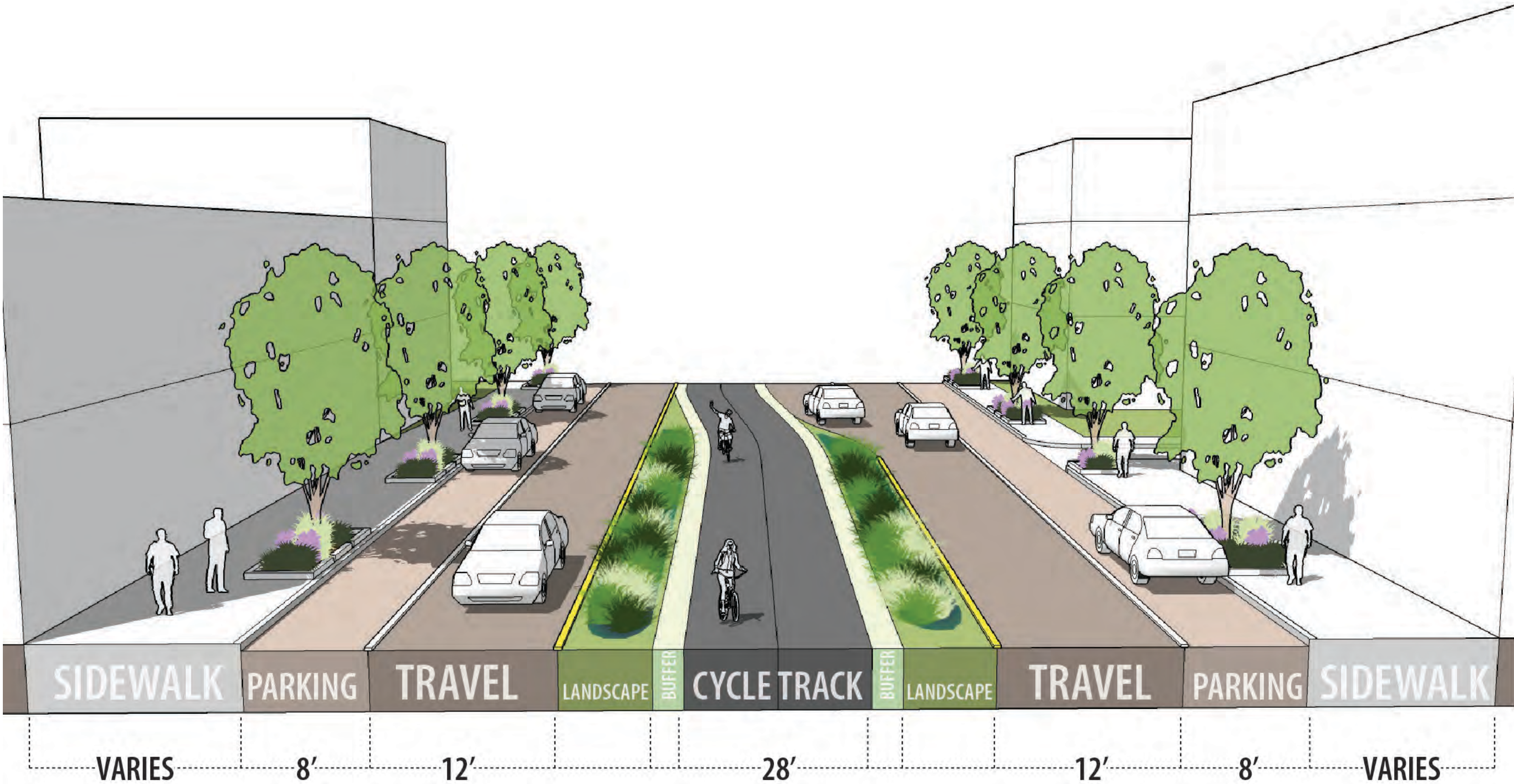
Cross Sections

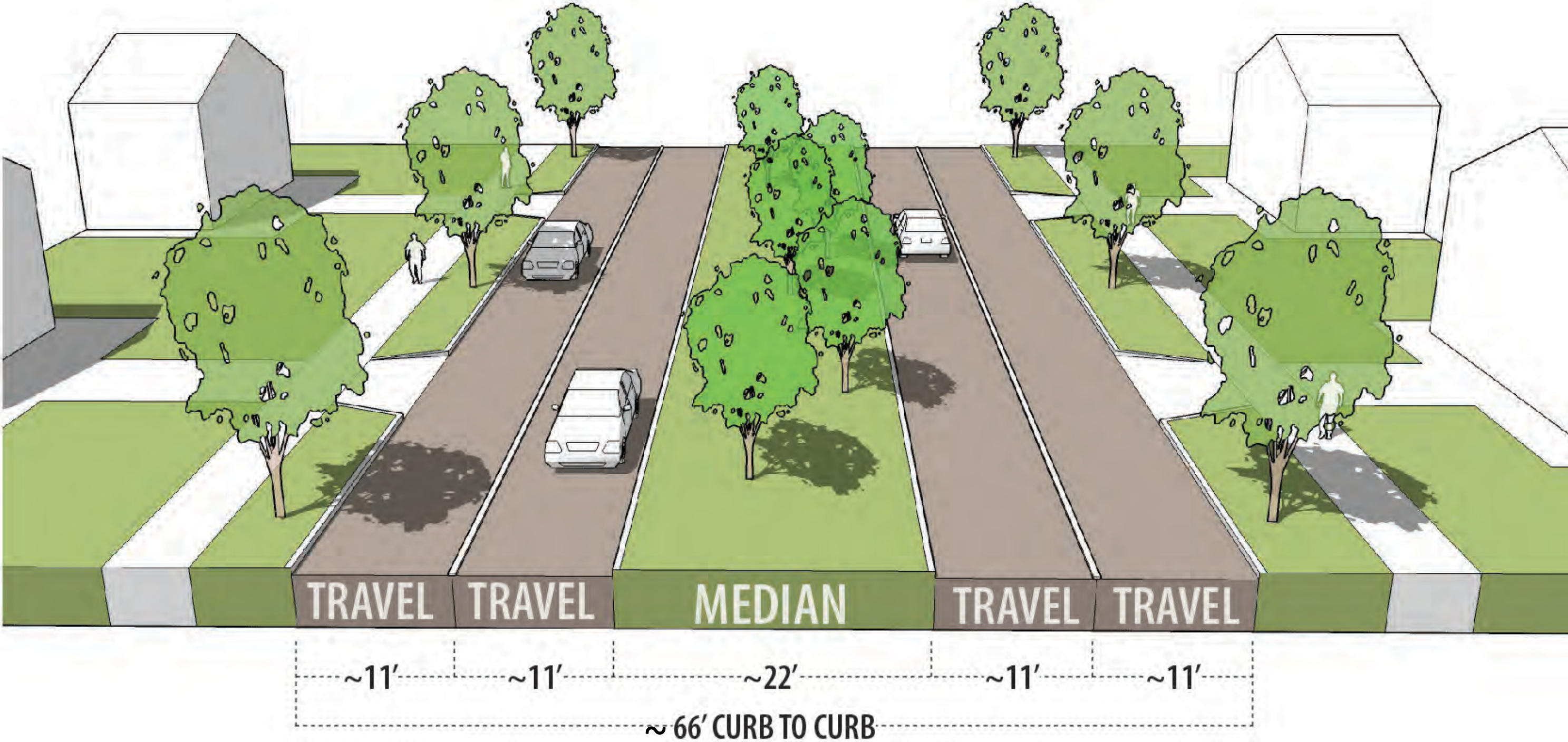


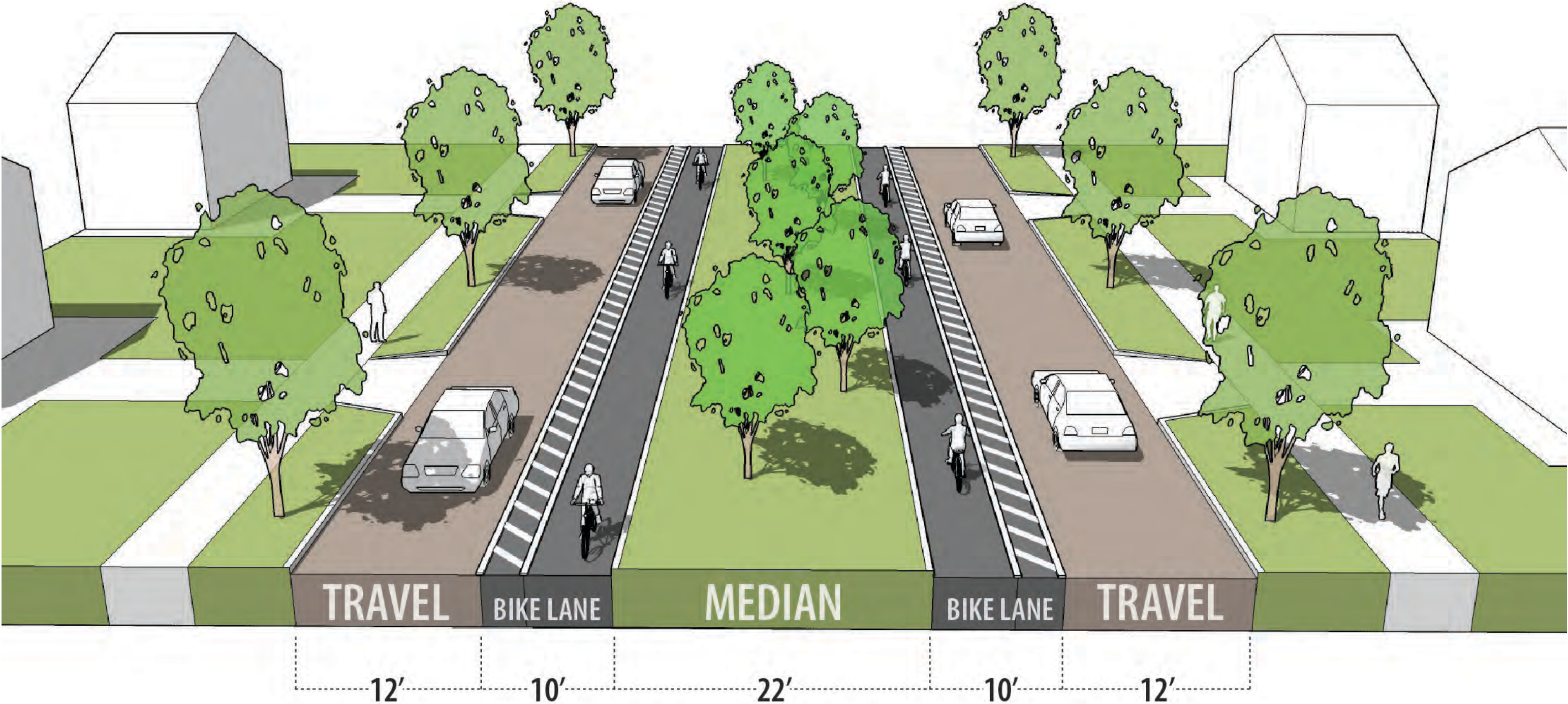


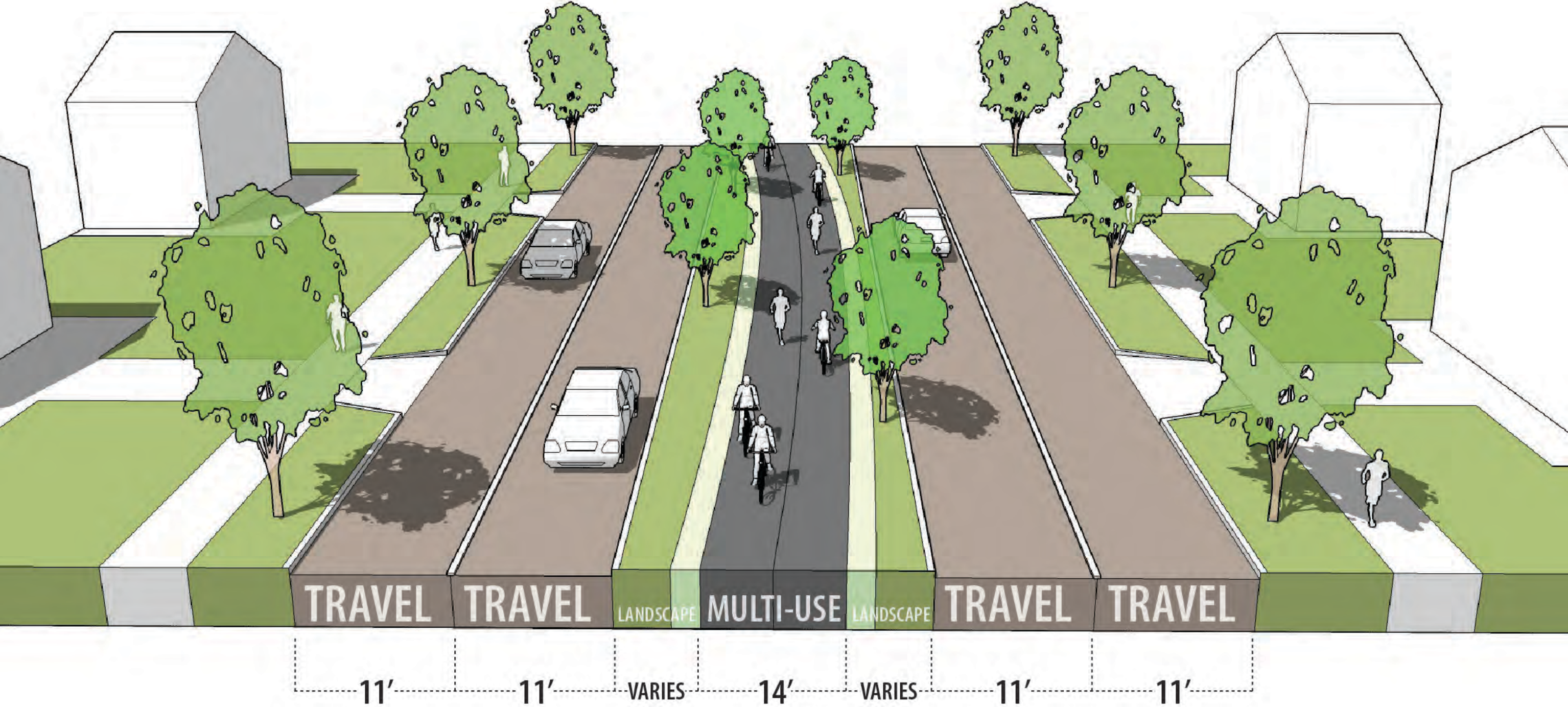










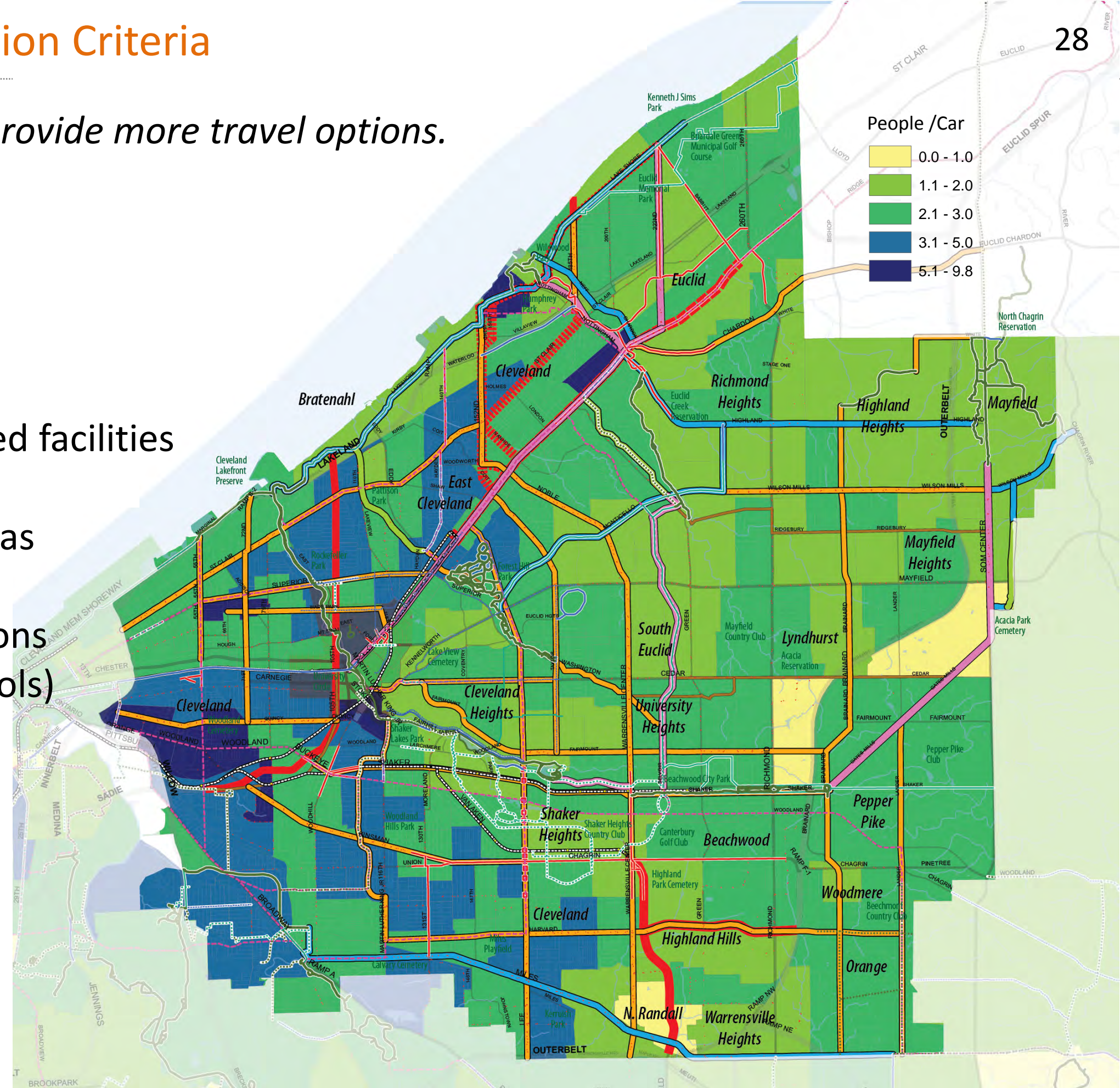


EASTSIDE GREENWAY

Route Evaluation Criteria

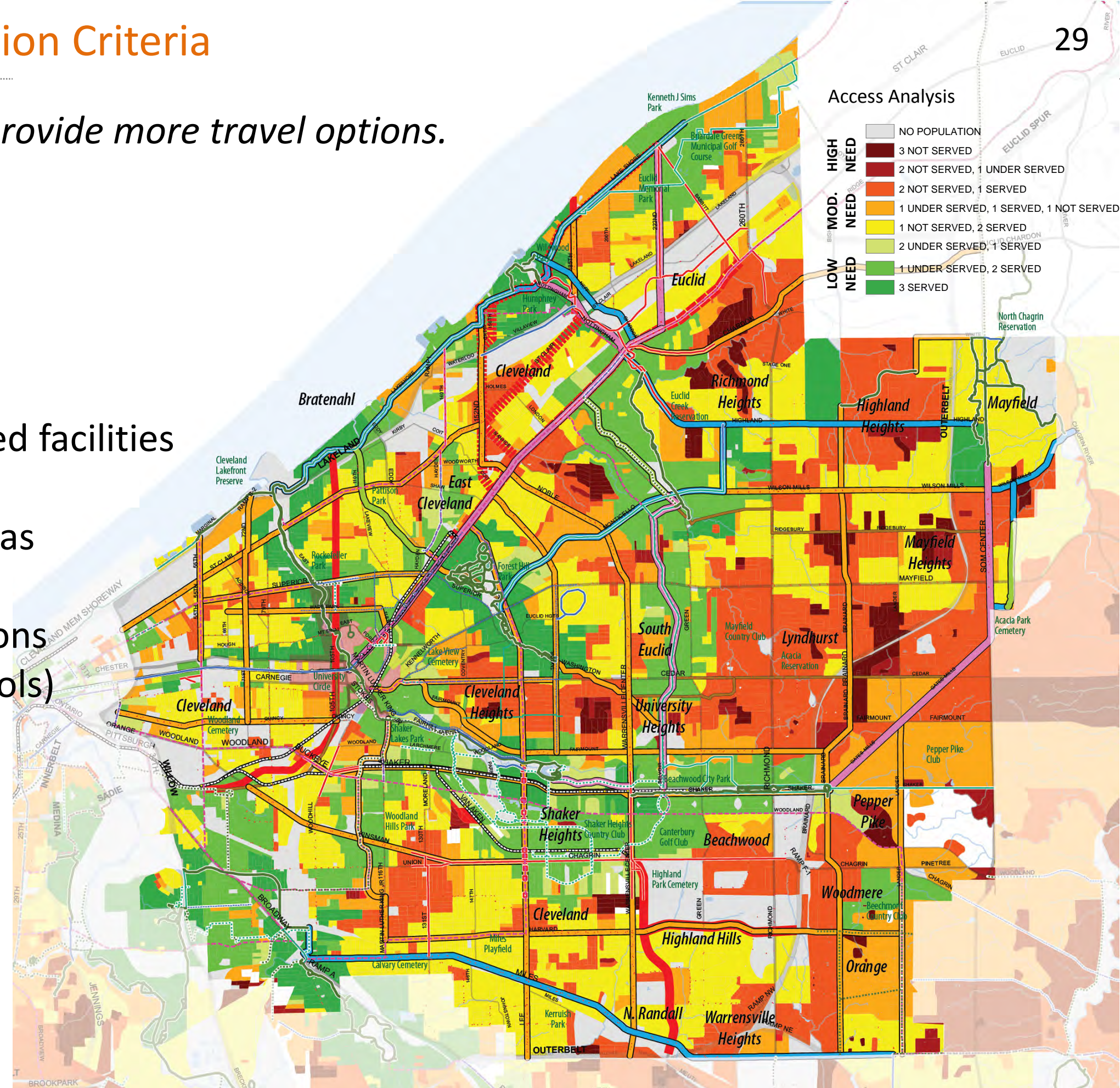
Identify a non-motorized network to provide more travel options.

- Car ownership
- Proximity to transit stops
- Proximity to existing non-motorized facilities
- Proximity to parks and natural areas
- Proximity to community destinations (job centers, public facilities, schools)
- Population density



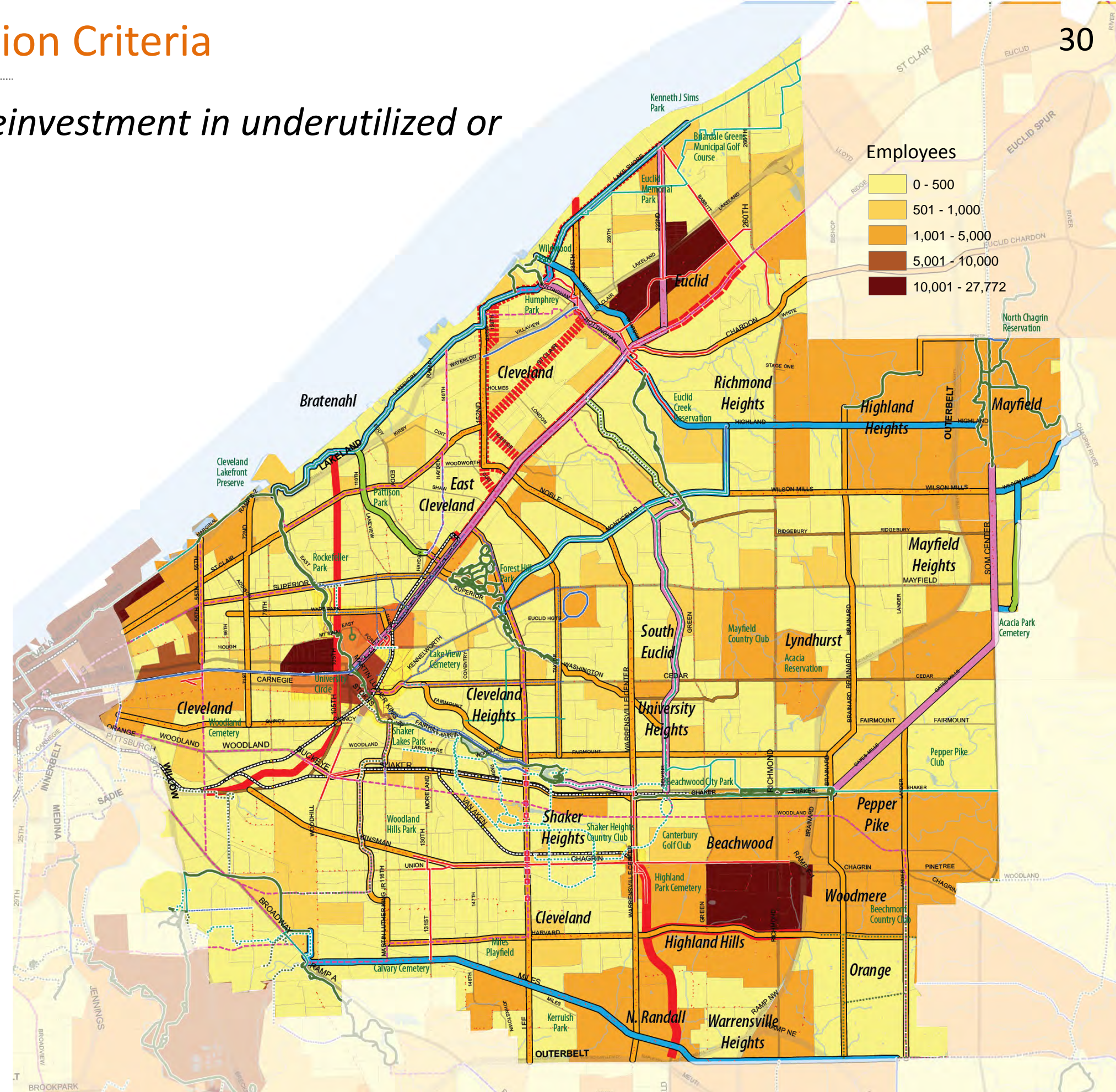
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Support economic development and reinvestment in underutilized or vacant/abandoned properties.

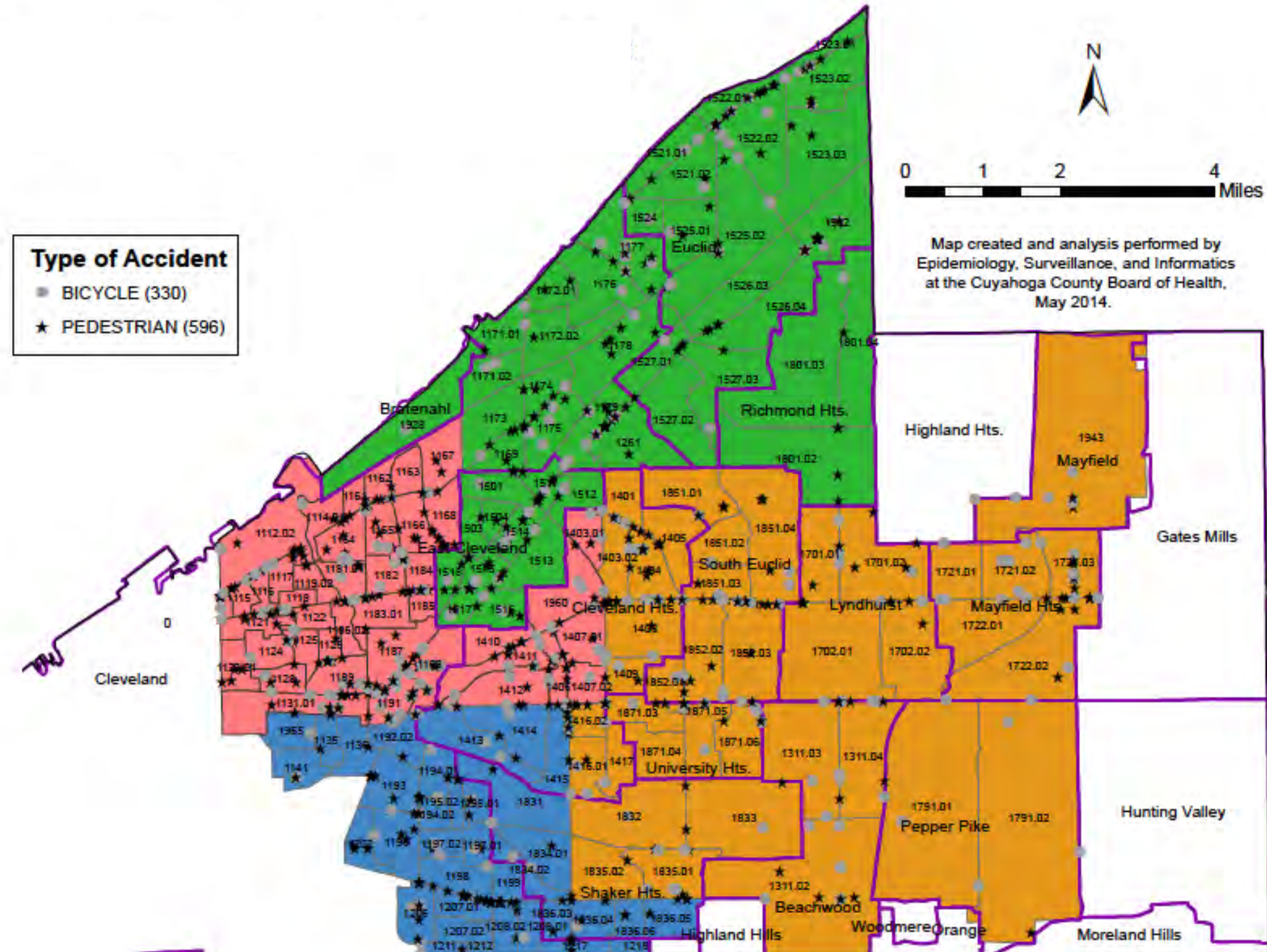
- Density of vacant land
- Community image and character
- Potential for tourism revenues
- Potential to strengthen existing businesses and economic investment
- Property values



Integrate community health considerations into preferred non-motorized recommendations.

Health Impact Assessment

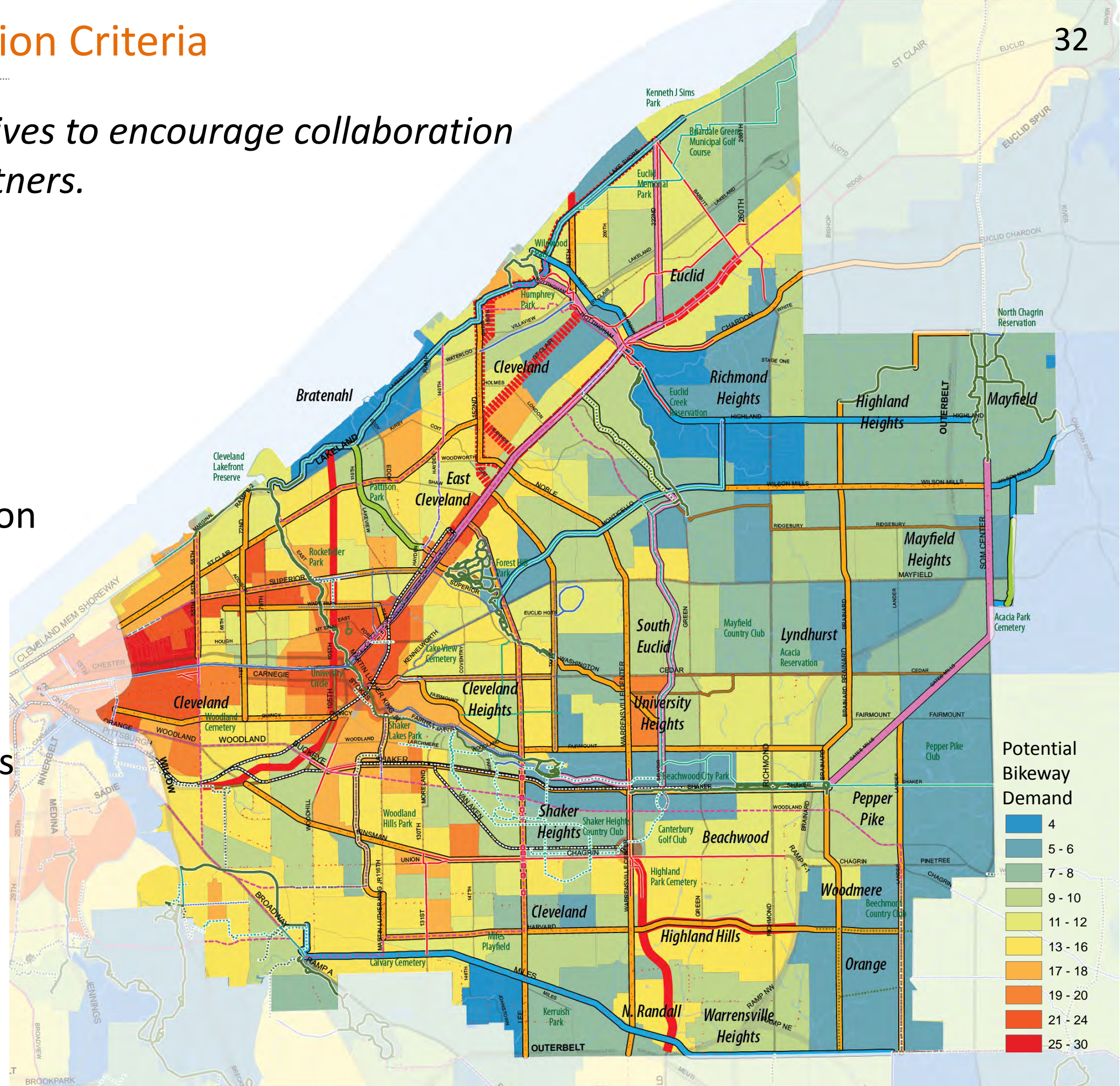
- Equity
- Crime and fear of crime
- Safety
- Physical activity
- Social cohesion



Eastside Greenway Health Impact Assessment
2008-2012 Bicycle and Pedestrian
Accidents by Regions

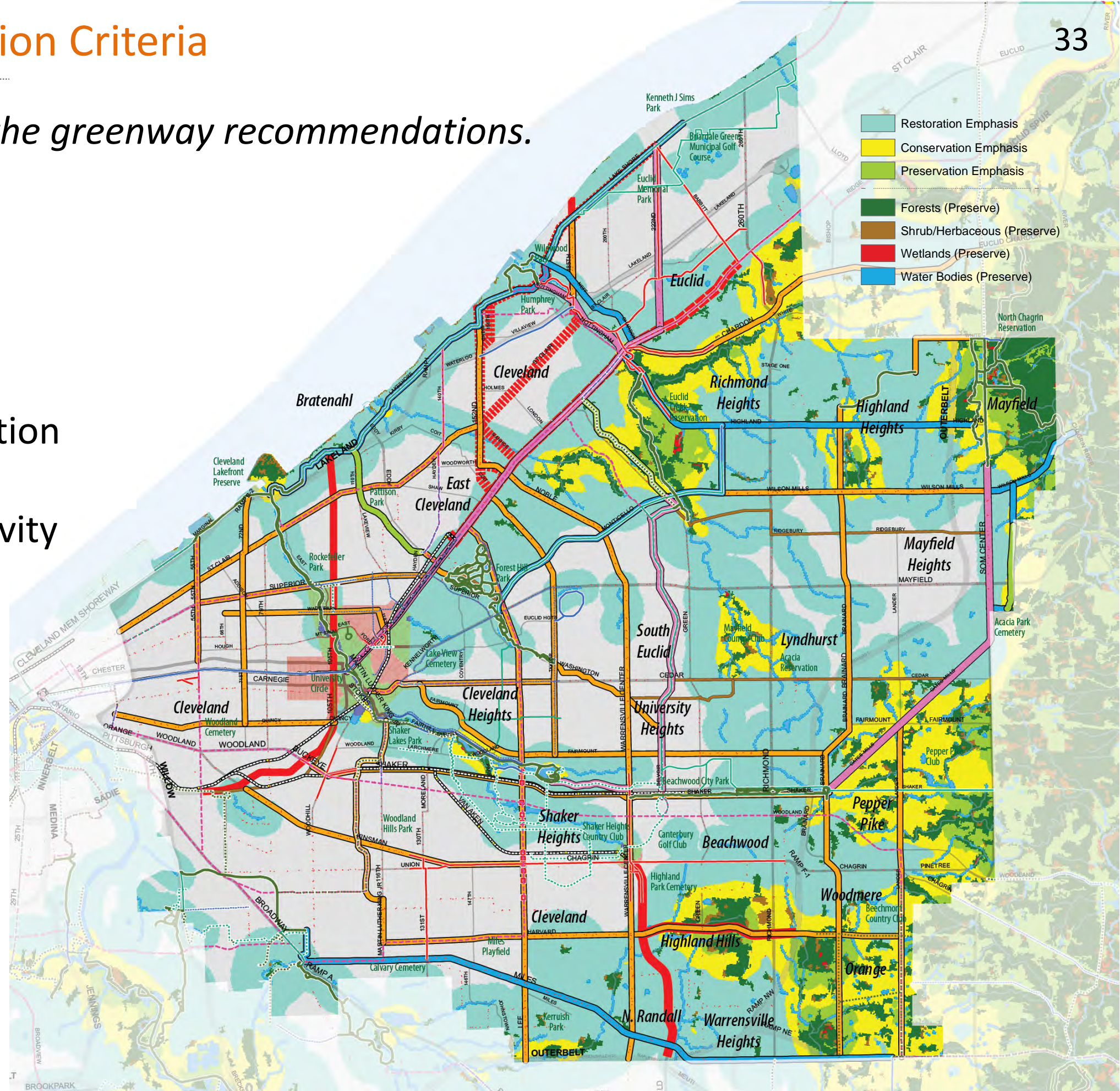
Complement existing plans and initiatives to encourage collaboration between regional and community partners.

- Potential project champions
- Part of previous or on-going plans (TLCI or others)
- Part of CIP or funded transportation project
- Relative cost of greenway project
- Property acquisition and/or access easements



Incorporate green infrastructure into the greenway recommendations.

- Stormwater management
- Interpretive opportunities
- Habitat protection and conservation
- Habitat restoration and connectivity
- Improve air quality



Eastside Greenway Health Impact Assessment

Cuyahoga County Board of Health

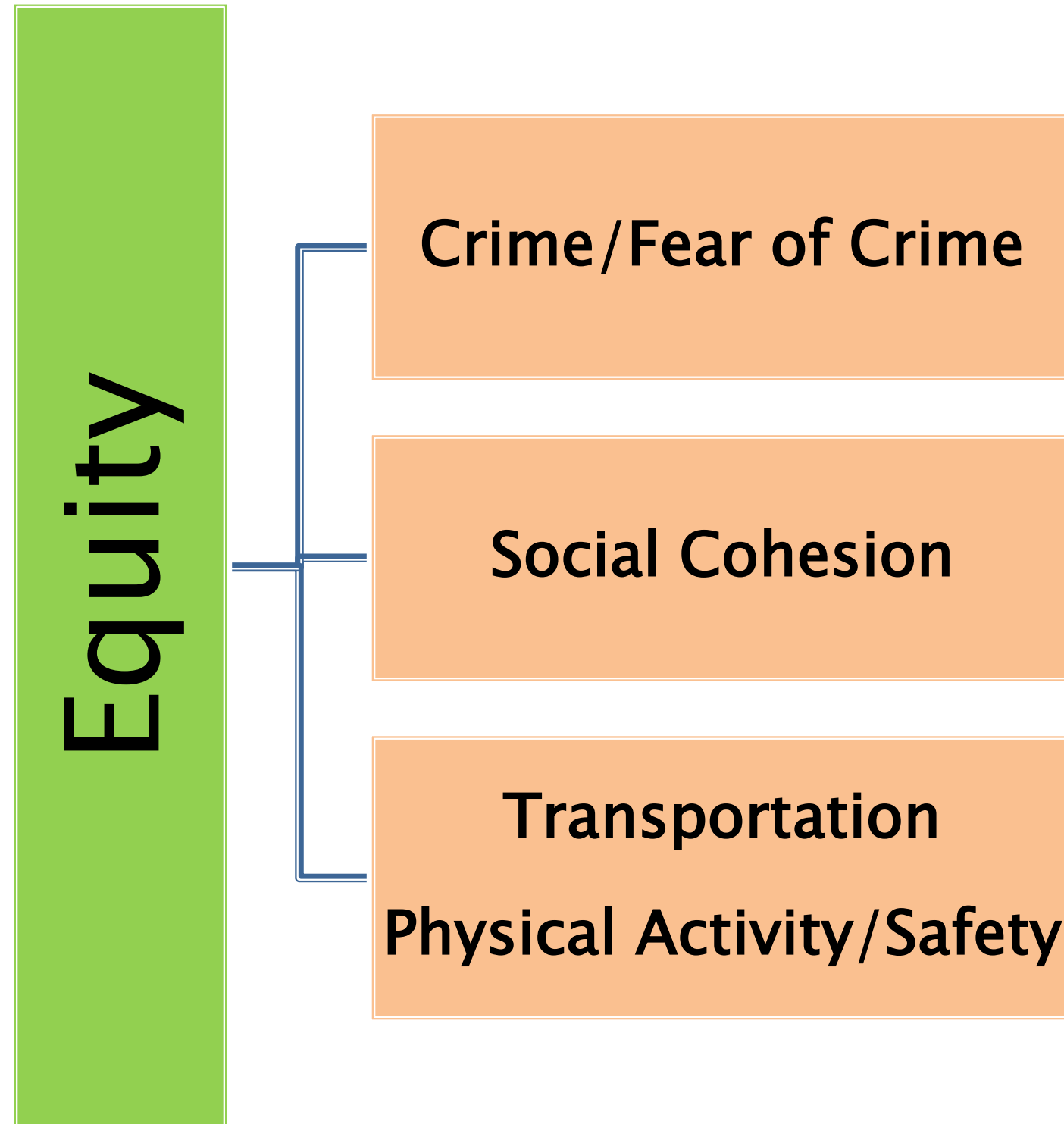
*Program grant supported by a grant from the **Health Impact Project**, a collaboration of the **Robert Wood Johnson Foundation** and the **PEW Charitable Trusts**, with funding from the **Saint Luke's Foundation**.*

The highest standards of health should be within reach of all, without distinction of race, religion, political belief, economic or social condition



Constitution of the World Health Organization

HIA Focus Areas



Eastside Greenway Study Area with Life Expectancy and 2008-12 Bike or Pedestrian Crashes



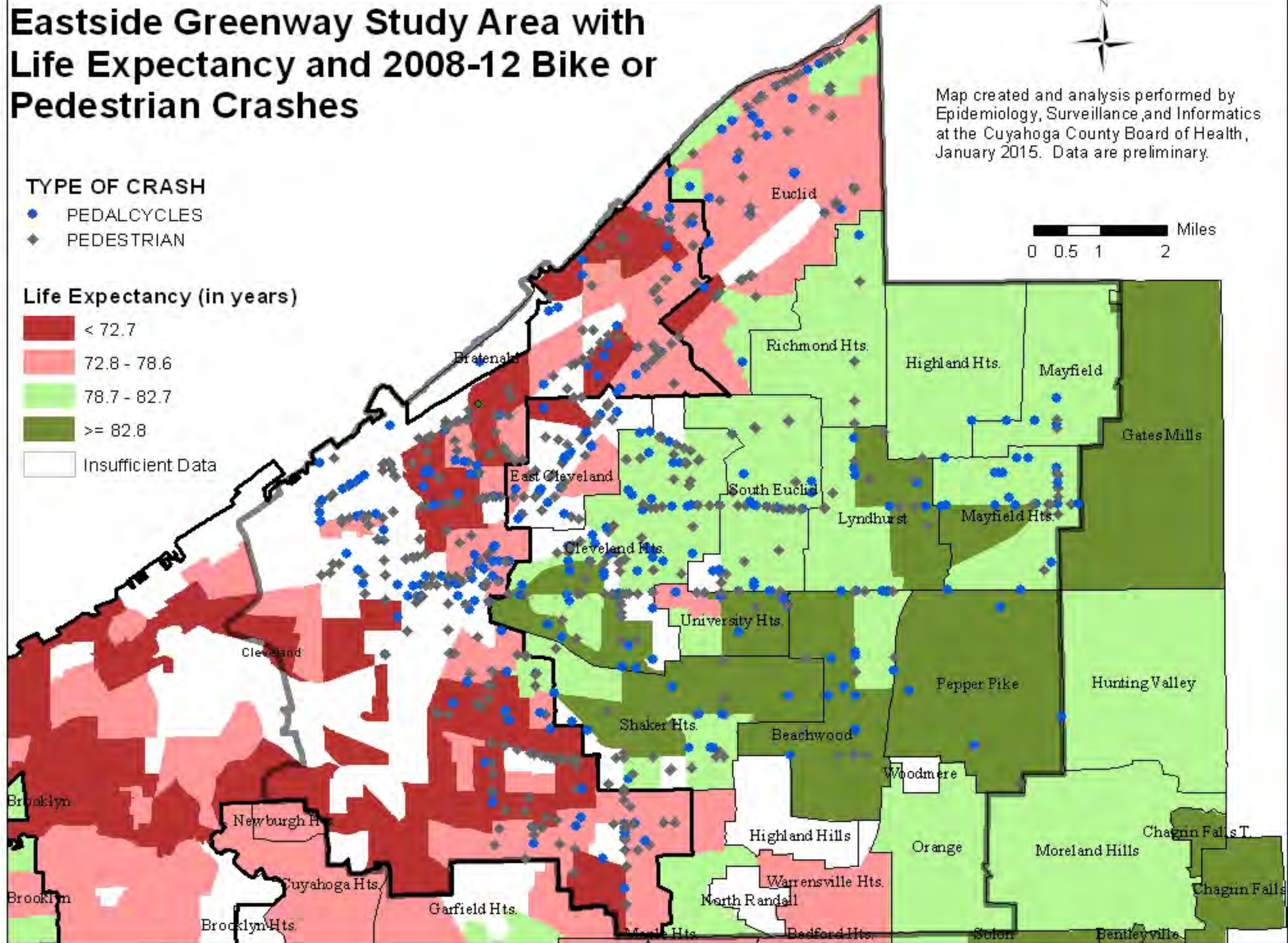
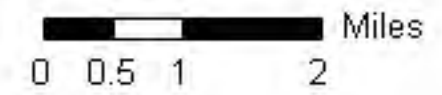
Map created and analysis performed by Epidemiology, Surveillance, and Informatics at the Cuyahoga County Board of Health, January 2015. Data are preliminary.

TYPE OF CRASH

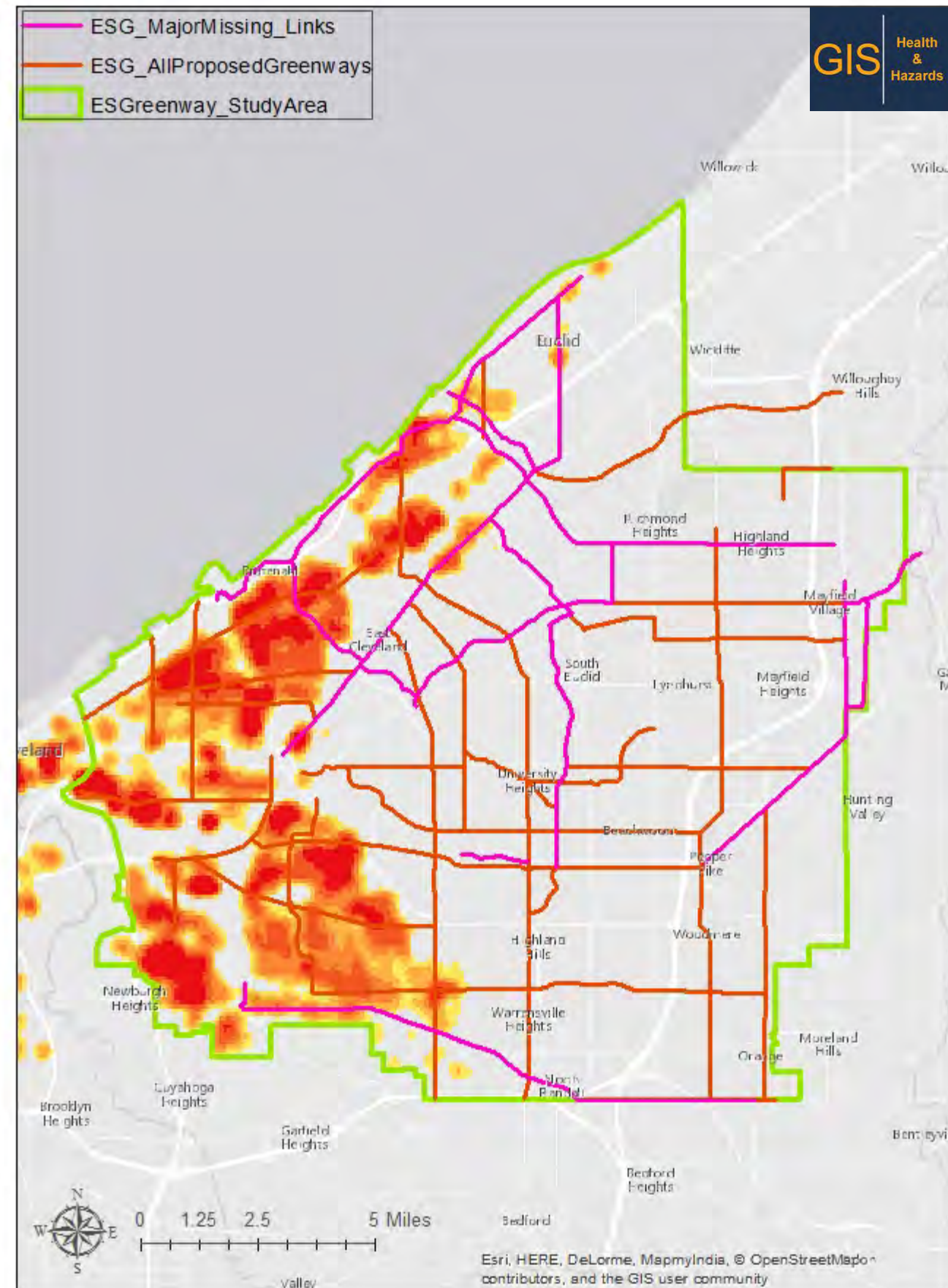
- PEDALCYCLES
- ◆ PEDESTRIAN

Life Expectancy (in years)

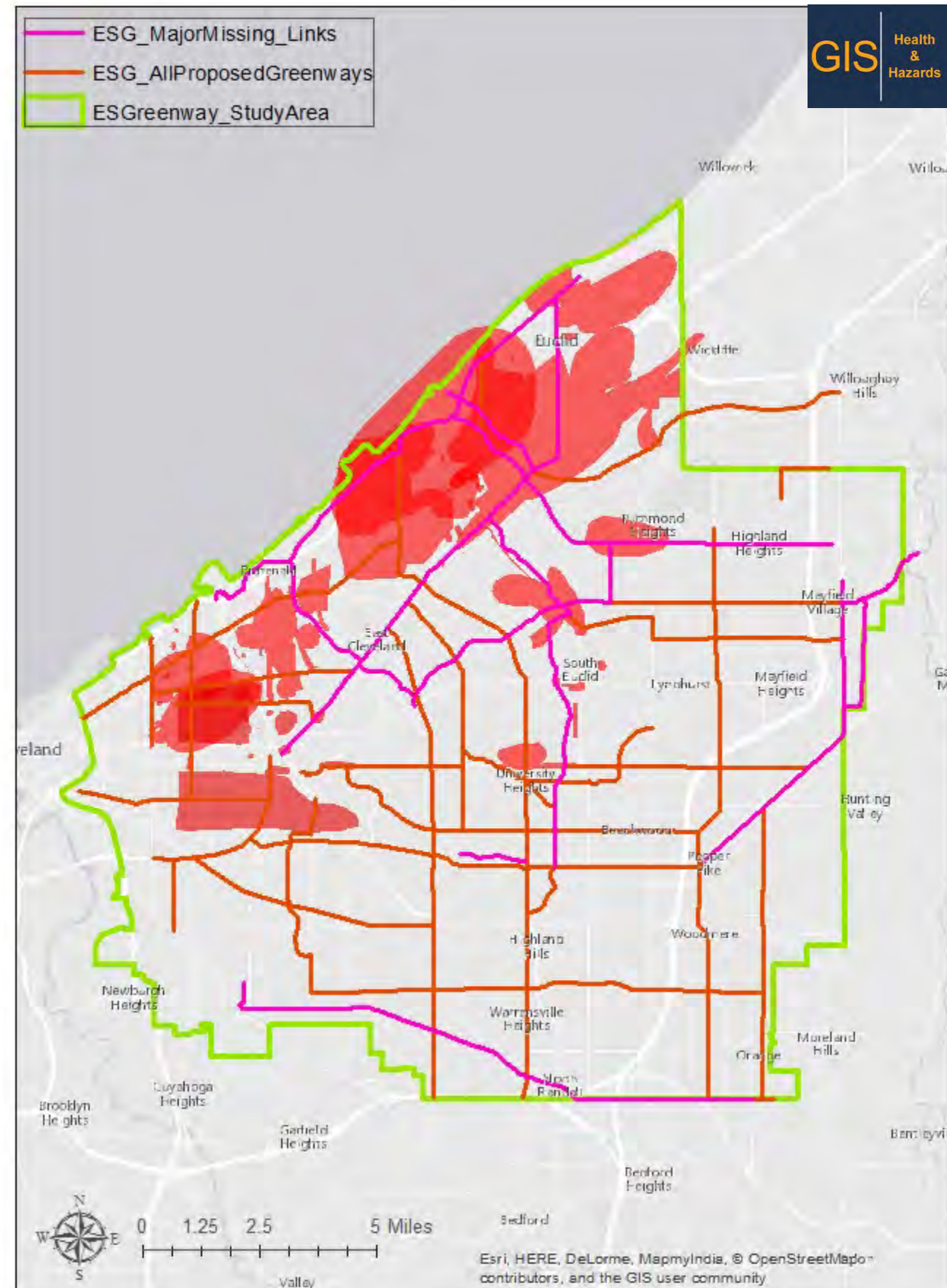
- < 72.7
- 72.8 - 78.6
- 78.7 - 82.7
- ≥ 82.8
- Insufficient Data



Violent Crime Density: Cleveland, Euclid, South Euclid In relation to “missing links”



Fear of Crime Presence: ESG Study Sites In relation to “missing links”



Top HIA Recommendations

▶ Establish an ESG Coalition

- Stakeholders and community members
- Ensure that facilities, educational campaigns, policies and systems are appropriate for the diverse communities

▶ Develop a Neighborhood Watch group

- Provides visible presence within and proximate to the ESG
- Publicize the ESG among current Neighborhood Watch groups in different municipalities

Equity, Social Cohesion, Transportation, Transportation Safety, Crime

Transportation, Transportation Safety, Crime

Top HIA Recommendations

- ▶ Establish a comprehensive greenway management plan
 - Paths and facilities within and proximate to the ESG
 - Includes roles for residents, community groups, business owners
 - Responds to different resource capacities in diverse communities
- ▶ Consider geographic distribution of facilities
 - Includes trail connections and trail heads
 - Assure equitable access for diverse populations throughout the ESG

Equity, Social Cohesion, Transportation, Transportation Safety, Crime

Equity, Social Cohesion, Transportation

Top HIA Recommendations

- ▶ Paths should be well-lit and provide clear visibility for users
 - Promotes safety and encourages use
- ▶ Incorporate play fields and picnic areas
 - Especially in regions with higher African American and/or Latino populations

Crime, Transportation, Transportation Safety

Equity, Social Cohesion

Top HIA Recommendations

- ▶ Create an education campaign
 - Promote bicycling and walking among diverse populations
- ▶ Identify ESG access points
 - Understand where alignments and connections are located
 - Impacts all social determinants

Social Cohesion, Transportation, Safety, Equity

Social Cohesion, Equity, Transportation, Safety, Crime

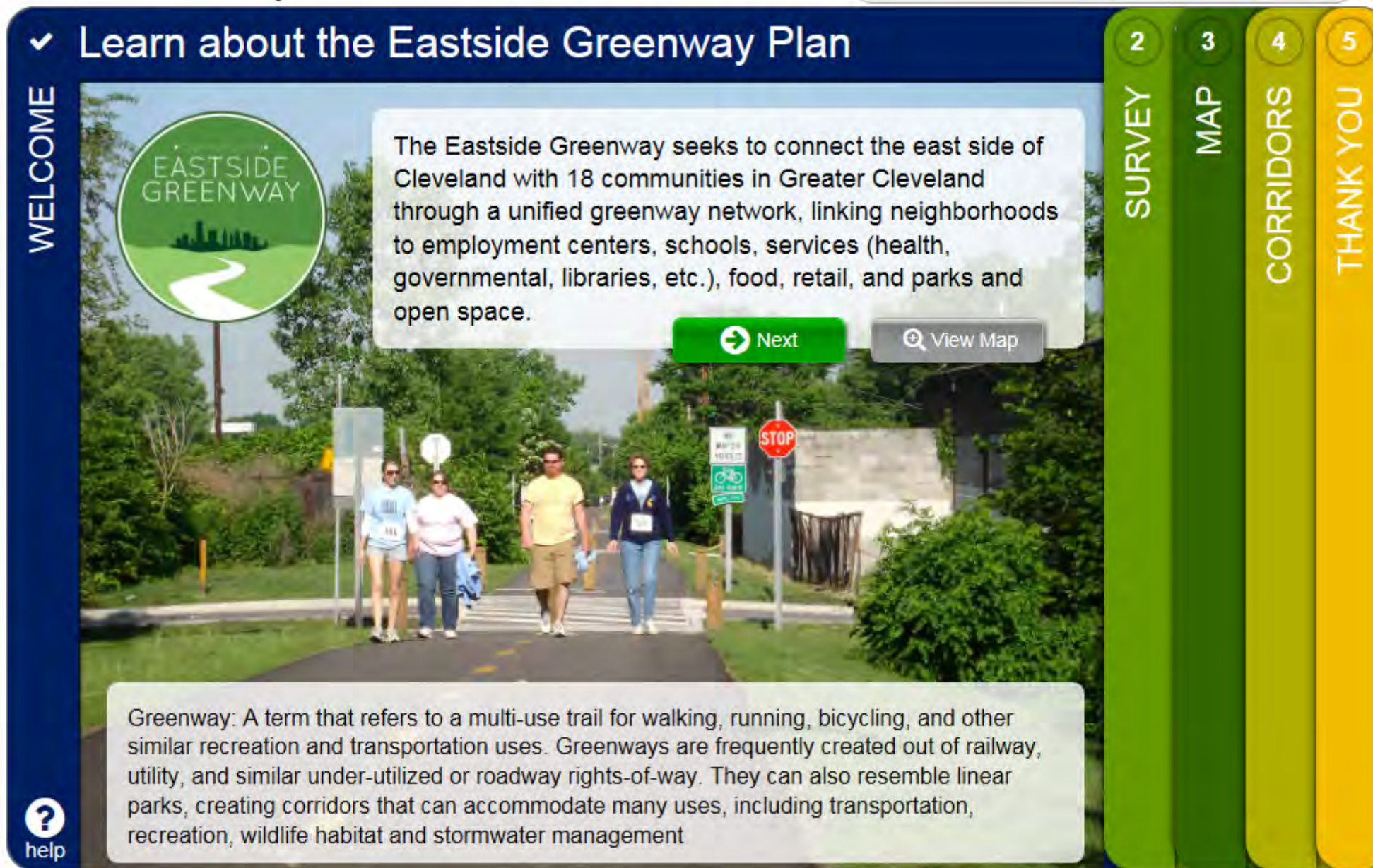
Top HIA Recommendations

- ▶ Survey ESG community area residents
 - Identify activities of interest, usage patterns
 - Consideration of the diverse populations within the ESG boundaries

Equity, Social Cohesion, Transportation, Safety, Crime

EASTSIDE GREENWAY

MetroQuest



1. Introduction
2. Survey
 - Bike/pedestrian use characteristics and priorities
 - Car
 - Public transportation
 - Bike
 - Walk
3. Map
 - O/D for home/destinations
4. Missing Link Corridors
5. Thank you
 - Gender
 - Age
 - Zip Code
 - Email

<https://esg.metroquest.com>

www.eastsidegreenway.weebly.com

EASTSIDE GREENWAY

Next Steps

- Community Meetings

- **January 28, 7-9pm:** Happy Dog at Euclid Tavern
11625 Euclid Ave, Cleveland

- **January 29, 7-9pm:** Beachwood Public Library
25501 Shaker Blvd, Beachwood

- **February 2, 7-9pm:** Waterloo Brew
15335 Waterloo Rd, Cleveland

- **February 3, 6:30-8:30pm:** University Heights Public Library
13866 Cedar Rd, University Heights



- Community Meetings
- Refine prioritization method for routes
 - Criteria
 - Weights
 - Scoring
- Draft Greenway Master Plan
 - Recommended Cross Sections
 - Short/Long Term Recommendations
 - Implementation Strategies
- Steering Committee + Public Workshops in ~May





EASTSIDE GREENWAY

Cuyahoga County, *East Cleveland Region*

Community Meeting #2

January/February 2015

SMITHGROUPJJR

Michael Baker

INTERNATIONAL