

An aerial photograph of Miami, Florida, showing the city's urban landscape, water bodies, and a large body of white clouds in the sky. The text is overlaid on the image.

***Miami Parks, Recreation and Open
Space Element of the Miami
Comprehensive Neighborhood Plan***

Measuring Level of Service

Public Meeting – June 18 2012

Agenda

1. Context
2. Issues and Analysis
3. Preliminary Level of Service (LOS) Recommendations
4. Considerations for Miami Comprehensive Neighborhood Plan (MCNP) Recommendations
5. Next Steps
6. Discussion

CONTEXT

Parks Master Plan officially adopted

- 2006-2007 planning period
- Extensive public process – public surveys, 13 NET meetings, citywide meetings, public hearings



MIAMI PARKS AND PUBLIC SPACES MASTER PLAN



MAY 2007 | THE CITY OF MIAMI
PARKS & RECREATION DEPARTMENT AND PLANNING DEPARTMENT

PREPARED BY GOODY CLANCY
WITH DODSON ASSOCIATES | GREENPLAY LLC, | LEISURE VISION | ROSENBERG GARDNER DESIGN

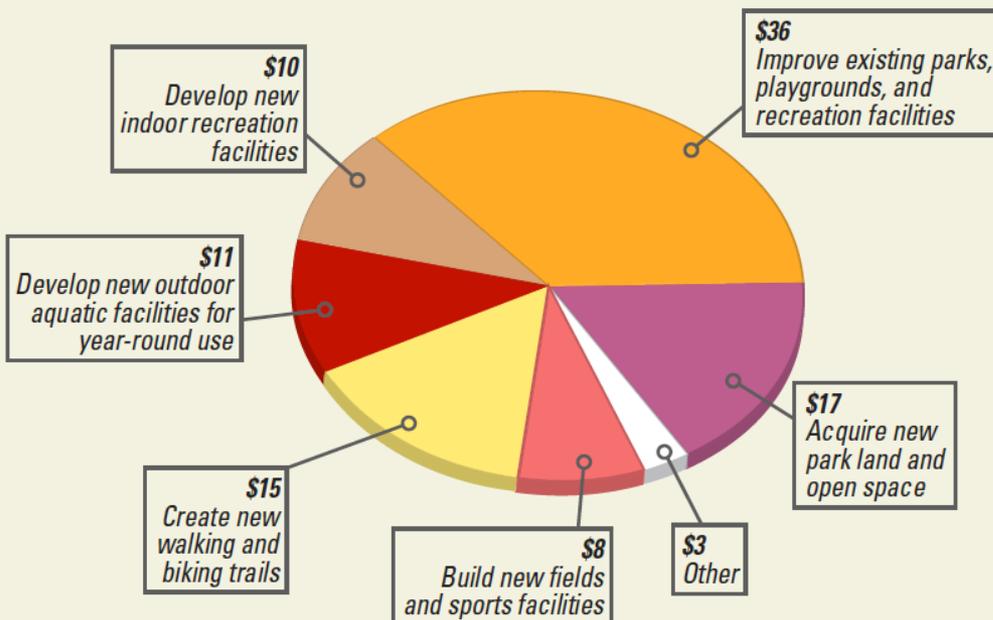
Parks Master Plan surveys: diverse city – diverse needs

NEED FOR PARKS AND RECREATIONAL FACILITIES, BY TYPE

	% YES	% NO
small neighborhood parks	64	36
walking and biking trails	55	45
large community parks	53	47
large group picnic areas and shelters	46	54
beach access parks	41	59
nature center and trails	34	66
outdoor swimming pools/ water parks	34	66
indoor fitness and exercise facilities	33	67
playground equipment	30	70
indoor running/ walking track	28	72
indoor pools for recreation	24	76
outdoor amphitheaters/ bandstand	24	76
outdoor tennis courts	24	76
canoe, kayak and small water boat access	23	77
fishing areas	22	78
off-leash dog parks	21	80
senior center	20	80
indoor exercise swim lap lanes	20	81
indoor basketball/ volleyball	20	81
youth baseball and softball fields	18	82
youth soccer fields	15	85
youth football/ lacrosse/ rugby	13	87
adult softball fields	12	88
skateboarding parks	11	89

Allocation Of \$100 To Fund CAPITAL IMPROVEMENTS IN PARKS FACILITIES

RESULTS FROM SURVEY



Parks Master Plan Recommendation

- A park within $\frac{1}{2}$ mile of every resident in the medium term and within $\frac{1}{4}$ mile in the long term
- Access is a more accurate measurement of service than quantity
- Must be “effective access”: account for physical barriers



Parks Master Plan land acquisition priorities

- Land with water views and/or access
- Land for “walk-to” parks in underserved areas
- Land to expand destination and community parks
- Land to expand or create linear park segments



Acquisitions since the 2007 Master Plan

- Park land in various parts of the city has been acquired since 2007:
 - 1814 Brickell
 - Manatee Bend
 - Shorecrest
 - Police Benevolent Association site
 - Play Street – Little River Pocket Park
 - Crimson Tower park donation in Edgewater
- Greenway segments completed – e.g., Miami River Greenway to 10th street
- Parks & Recreation works with neighborhoods and Asset Management to identify potential land for purchase

Selected park improvements since 2007 Master Plan

- Grapeland Water Park
- Jose Marti Gym
- Little Haiti Soccer Park
- Little Haiti Cultural Center
- Splash parks:
 - Little Haiti Soccer Park
 - Juan Pablo Duarte Park.
- Shade structures for 37 parks
- About 400 trees planted per year
- Aging facilities demolished and replaced
 - Williams Park
 - Robert King High Park, Coral Gate Park
 - Gibson Park
- Renovations:
 - Morningside Park
 - Kinloch Park.
- On-staff landscape architect

Miami Comprehensive Neighborhood Plan (MCNP)

- Required by state law
- Policy framework with the effect of law to guide all public and private development decisions in the city
- Focuses on the physical development of the city:
 - Meet existing and future needs
 - Preserve community character and quality
- Most recent MCNP approved in 2010 and Parks Master Plan recommendations were incorporated
- Concurrency for parks and recreation now a local option under recent changes to state law

What is Level of Service (LOS)?

- A standard to measure how well the park and recreation system is serving the community
- Old style:
 - Developed by the National Recreation and Park Association with suburban expansion in mind
 - Number of acres per 1,000 population
 - LOS “rule of thumb” across U.S. cities: 10 acres per 1,000 people
- Current number of acres per 1,000 people within City of Miami
 - Approximately 3.0 acres if all park agencies (city, county, state) are included
 - Approximately 1.3 acres if only city land is included

Composite value LOS for urban parks

- How well does a park serve its immediate neighborhood?
- How well does a park contribute to the city-wide system of services and amenities?



New Trust for Public Land ParkScore™ System Methodology

- *Access.* Percentage of the population living within a ten-minute walk of a public park (defined as a ½ mile) on public streets and without barriers
- *Acreage.* Median park size; acreage as a percentage of city area.
- *Services and investment.* Playgrounds per 10,000 residents and total spending (3 year average both capital and operational and from all agencies) per resident.



How does Miami compare to ParkScore for 40 largest US cities?

[2010 census Miami population]	ACREAGE: MEDIAN PARK SIZE	ACREAGE: PARKS AS % OF TOTAL ACRES	ACCESS: % OF POPULATION WITHIN A ½ MILE OF A PARK	SERVICES: PLAY-GROUNDS PER 10,000 RESIDENTS	SERVICES: TOTAL FY07-09 SPENDING PER RESIDENT
City of Miami (city-owned park land only)	2.1 acres	4.5%	72.4% (with barriers)	1.83	\$63
Range for 40 cities (all owners)	0.6 acres to 19.9 acres	2.3% to 22.8%	26% to 97%	1 to 5	\$31 to \$303
Median for 40 cities (all ownership)	4.9 acres	9.1%	57%	1.89	\$85

ISSUES AND ANALYSIS

Public comment and concerns relative to LOS measures and comprehensive plan

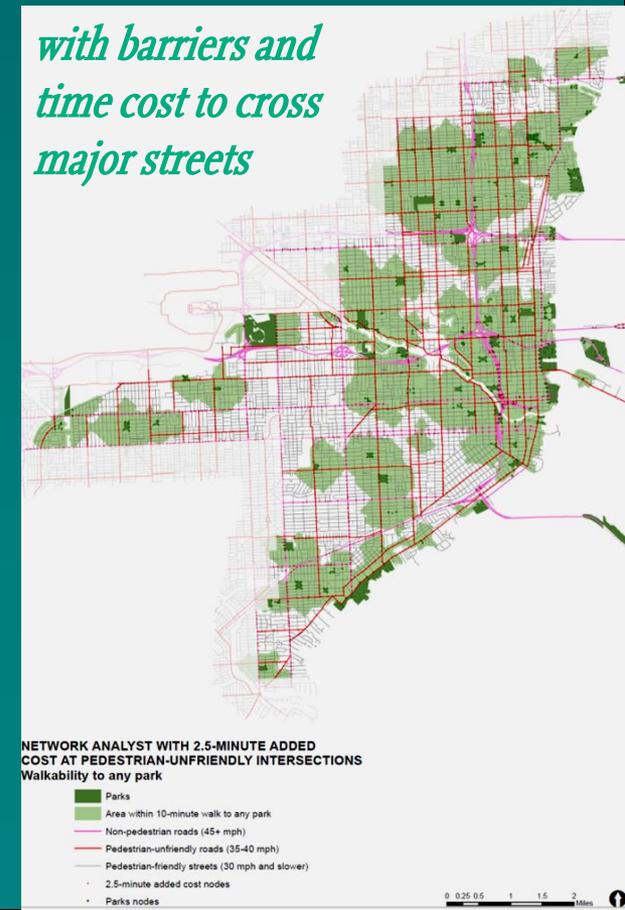
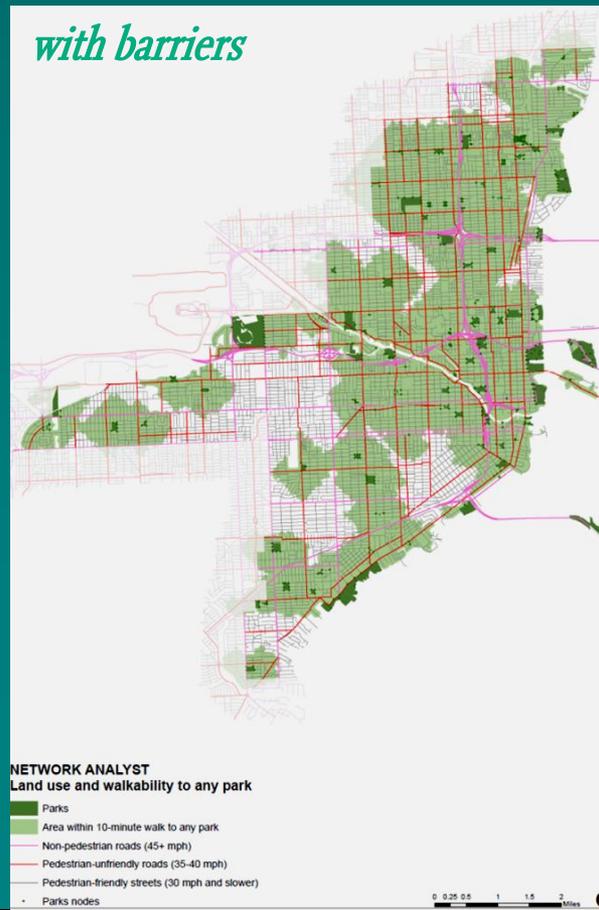
- Miami has less park acreage than comparable cities
- Some parks are very small
- Miami 21 zoning:
 - Classifies parks as “Civic Space”
 - Permits up to 25% building on parks
- Specific areas mentioned as underserved

Assumptions to illustrate the methodology

- The maps in this presentation are illustrative of the methodology--not final determinations of access measures and location.
- Assumptions for the purpose of illustrating barriers and time costs:
 - Streets with speeds above 40 mph are barriers to pedestrian access
 - Average extra time to cross streets with speeds 35-40 mph is 2.5 minutes
- These assumptions must be refined and tested for the Miami park system before use in implementation of any LOS standard and capital planning.

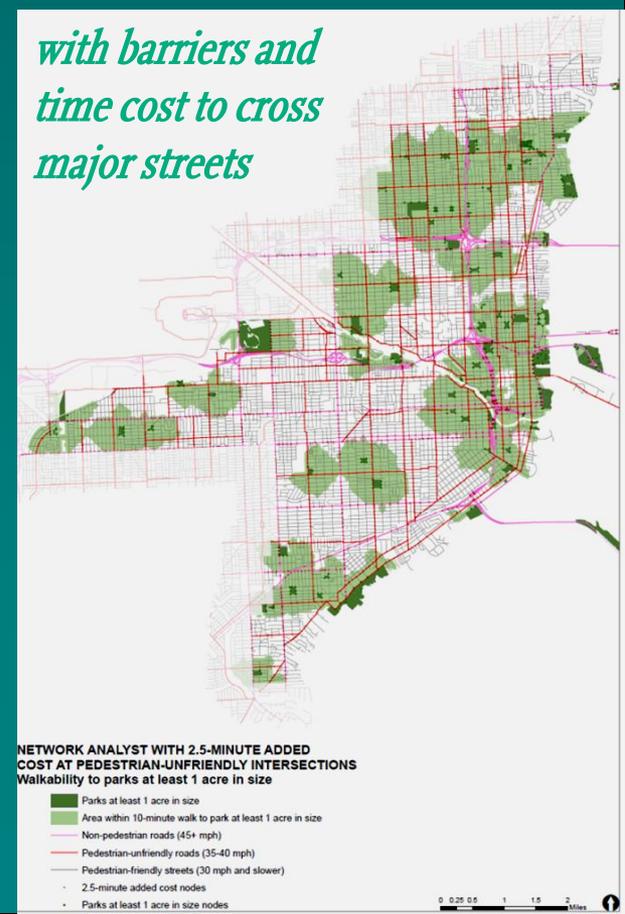
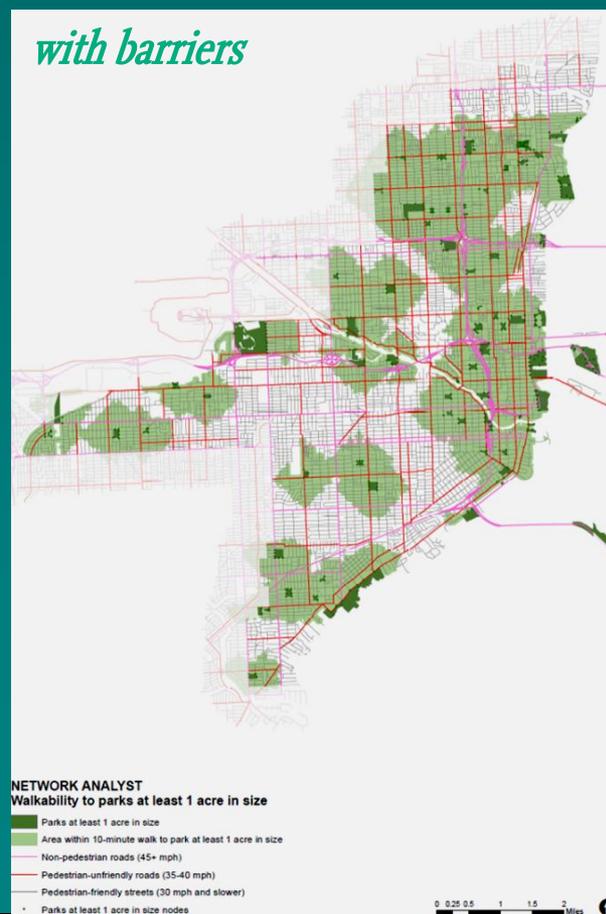
Ten minute walk to *all* city owned parks

- ½ mile radius – ½ mile radius with barriers – ½ mile radius with time cost (+ 2.5 minutes to cross 35-45 mph streets)



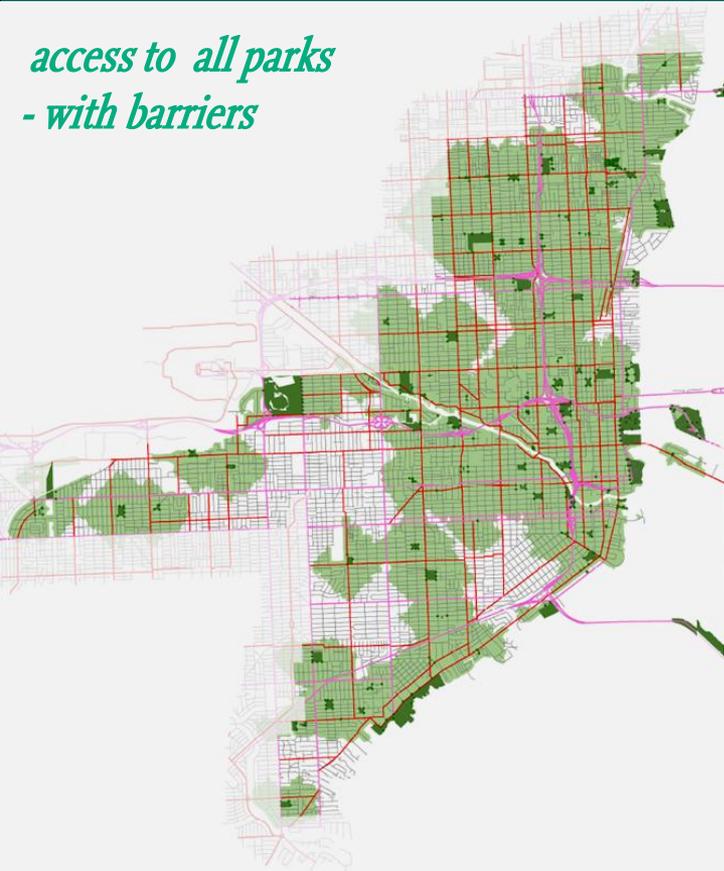
Ten minute walk with barriers to city owned parks at least one acre in size

- ½ mile radius – ½ mile radius with barriers – ½ mile radius with plus 2.5 minutes to cross major streets

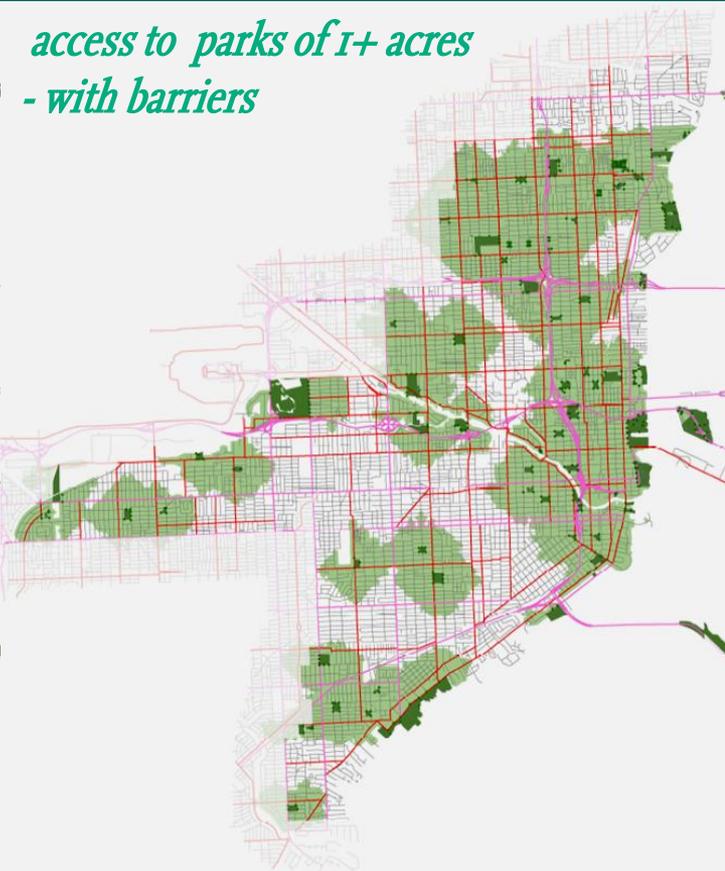


Comparisons – access to all parks and to parks of 1+ acres

*access to all parks
- with barriers*



*access to parks of 1+ acres
- with barriers*



*access to parks of 1+ acres
- with time cost*



NETWORK ANALYST
Land use and walkability to any park

- Parks
- Area within 10-minute walk to any park
- Non-pedestrian roads (45+ mph)
- Pedestrian-unfriendly roads (35-40 mph)
- Pedestrian-friendly streets (30 mph and slower)
- Parks nodes

0 0.25 0.5 1 1.5 2 Miles

NETWORK ANALYST
Walkability to parks at least 1 acre in size

- Parks at least 1 acre in size
- Area within 10-minute walk to park at least 1 acre in size
- Non-pedestrian roads (45+ mph)
- Pedestrian-unfriendly roads (35-40 mph)
- Pedestrian-friendly streets (30 mph and slower)
- Parks at least 1 acre in size nodes

0 0.25 0.5 1 1.5 2 Miles

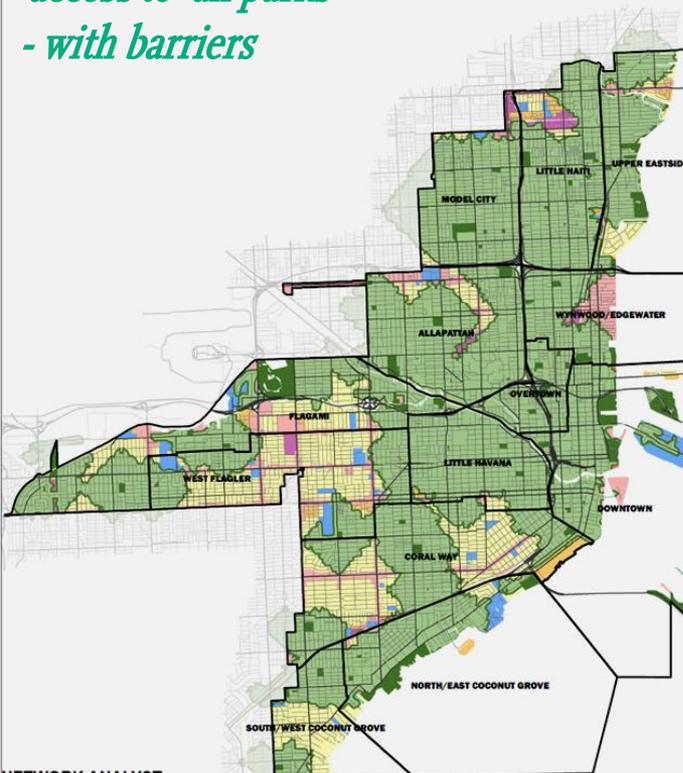
NETWORK ANALYST WITH 2.5-MINUTE ADDED COST AT PEDESTRIAN-UNFRIENDLY INTERSECTIONS
ability to parks at least 1 acre in size

- Parks at least 1 acre in size
- Area within 10-minute walk to park at least 1 acre in size
- Non-pedestrian roads (45+ mph)
- Pedestrian-unfriendly roads (35-40 mph)
- Pedestrian-friendly streets (30 mph and slower)
- 2.5-minute added cost nodes
- Parks at least 1 acre in size nodes

0 0.25 0.5 1 1.5 2 Miles

Ten minute walk and relationship to future land use map

*access to all parks
- with barriers*



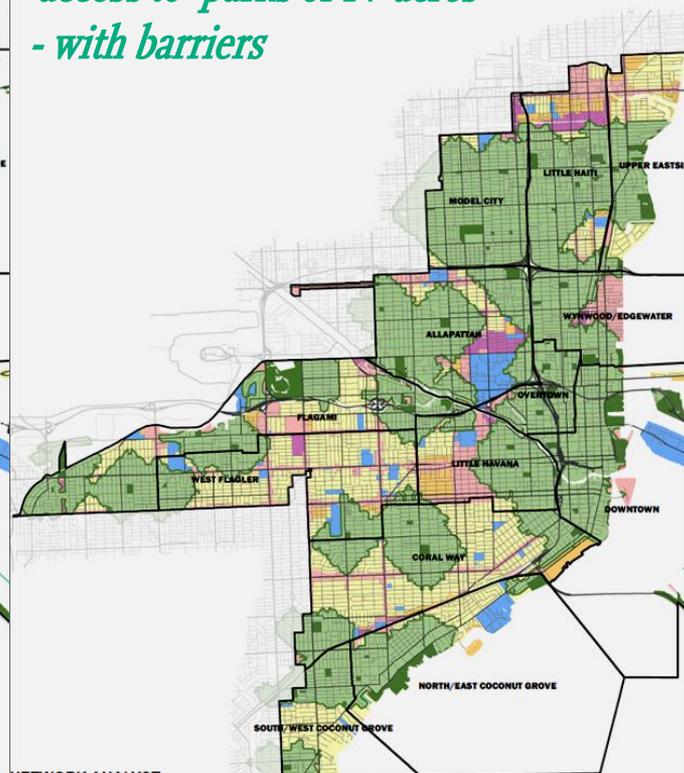
NETWORK ANALYST
Land use and walkability to any park

- Parks
- Area within 10-minute walk to any park
- NET Areas

- Future land use**
- 1-2 family residential
 - Multifamily residential
 - Commercial
 - Central Business District
 - Institutions & Public Facilities
 - Conservation
 - Industrial

0 0.25 0.5 1 1.5 2 Miles

*access to parks of 1+ acres
- with barriers*



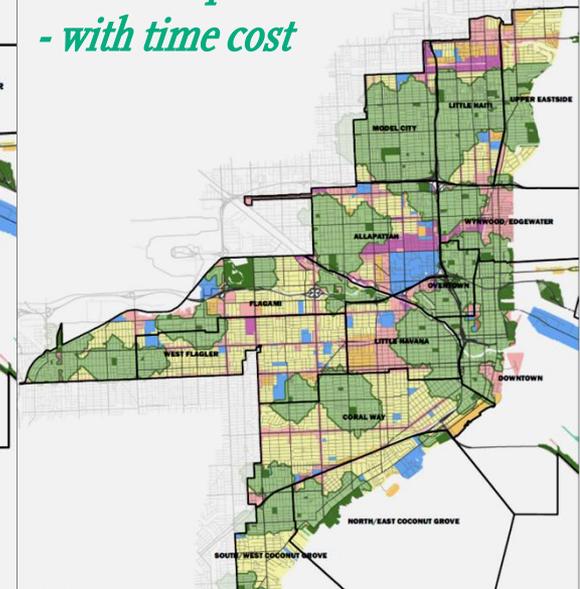
NETWORK ANALYST
Land use and walkability to parks at least 1 acre in size

- Parks at least 1 acre in size
- Area within 10-minute walk to park at least 1 acre in size
- NET Areas

- Future land use**
- 1-2 family residential
 - Multifamily residential
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 - Central Business District
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 - Industrial

0 0.25 0.5 1 1.5 2 Miles

*access to parks of 1+ acres
- with time cost*



NETWORK ANALYST WITH 2.5-MINUTE ADDED COST AT PEDESTRIAN-UNFRIENDLY INTERSECTIONS
Land use and walkability to parks at least 1 acre in size

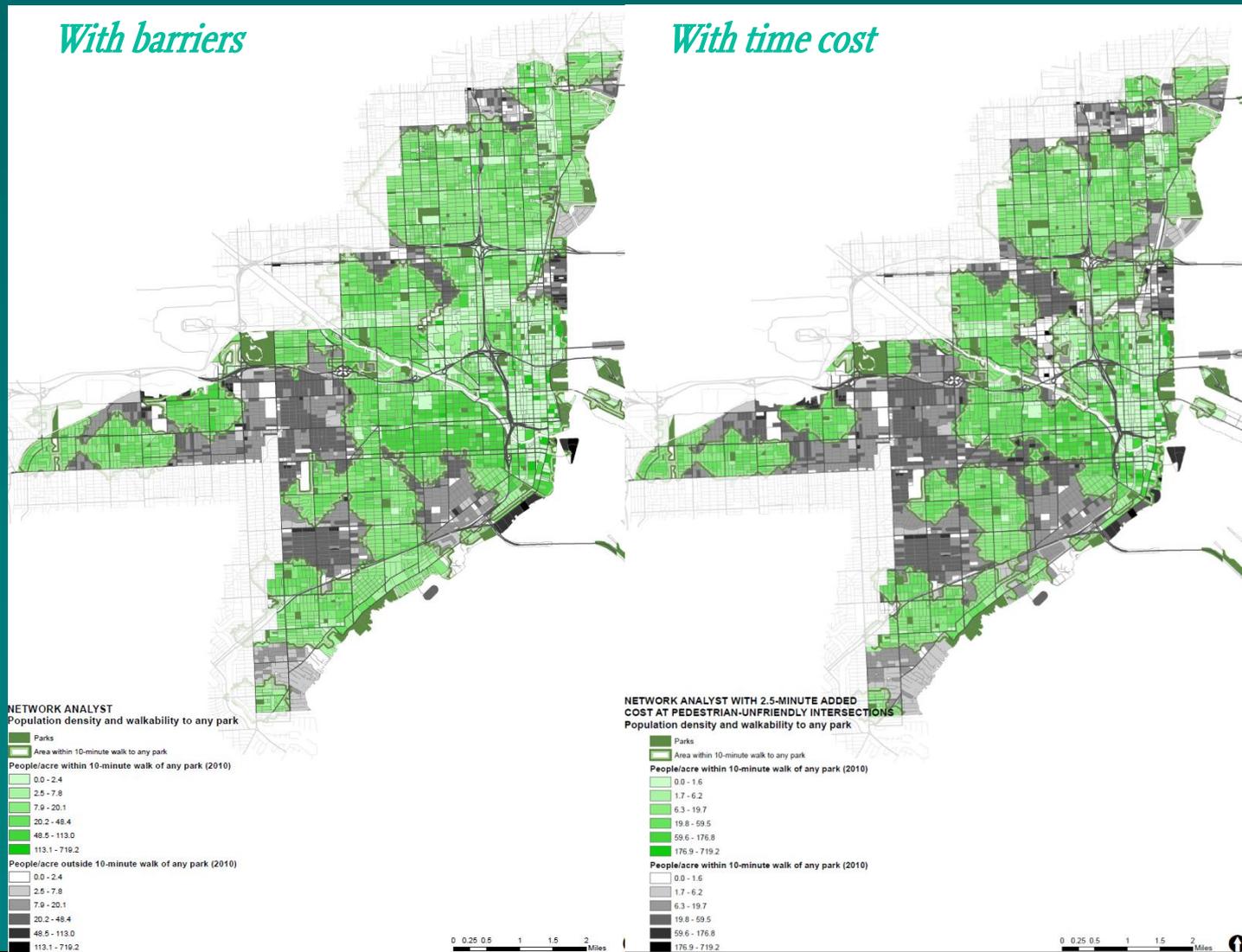
- Parks at least 1 acre in size
- Area within 10-minute walk to park at least 1 acre in size
- NET Areas

- Future Land Use**
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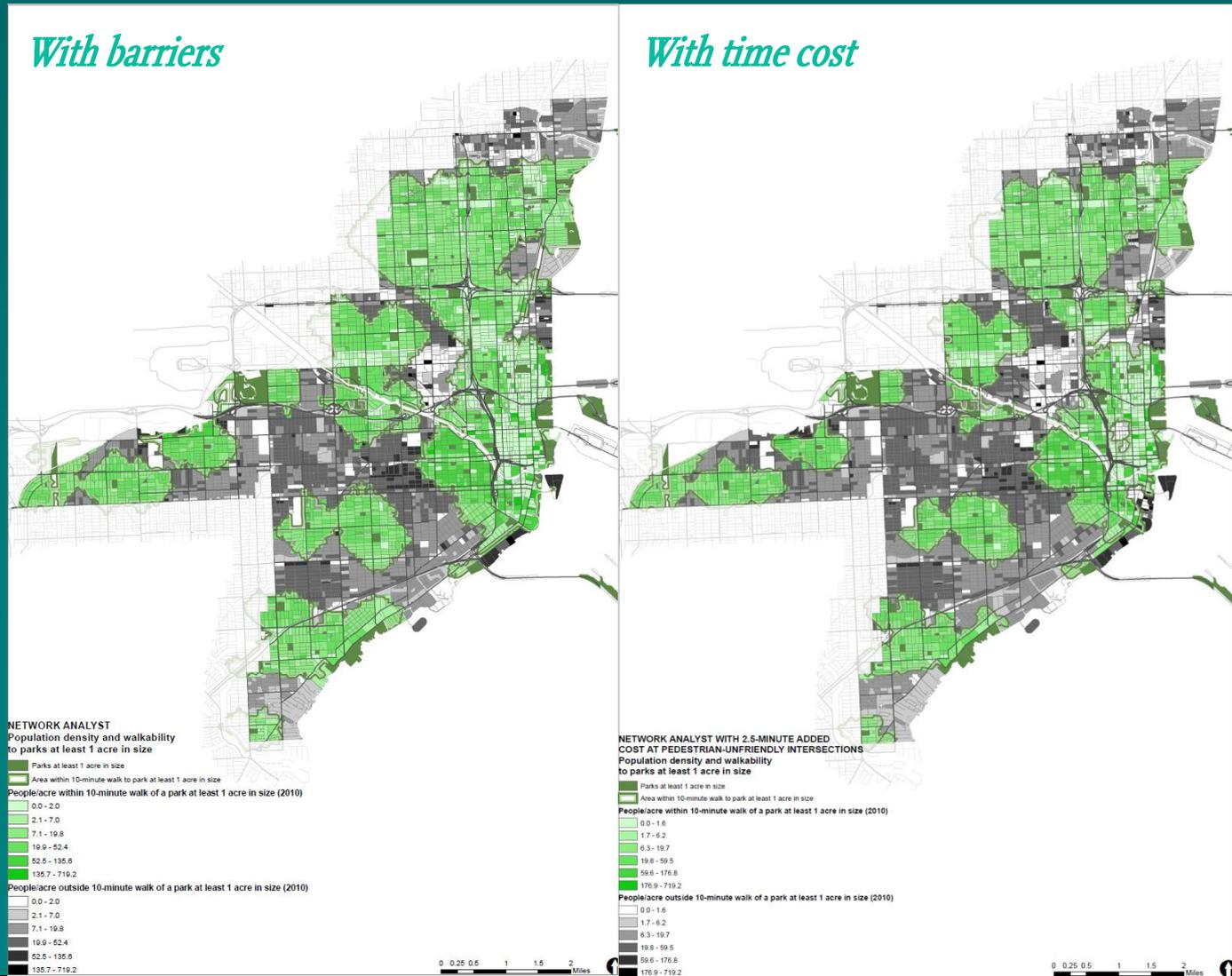
Ten minute walk to any park and population density (2010 census data)

Darker color
=
higher density

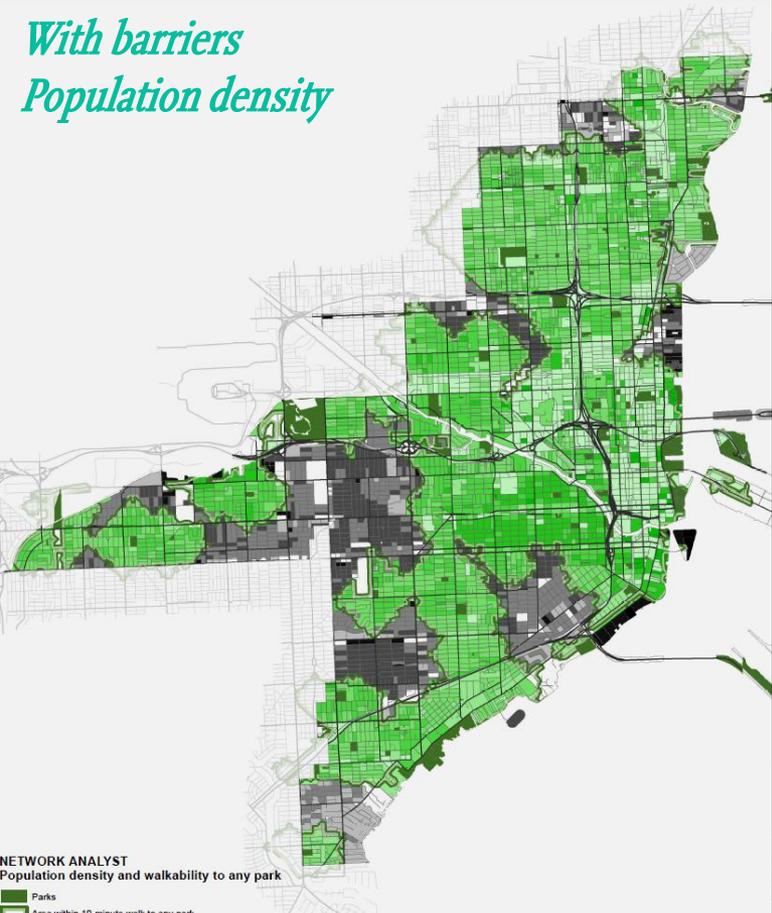


Ten minute walk to 1+ acre park and population density (2010 census data)

Darker color
=
higher density



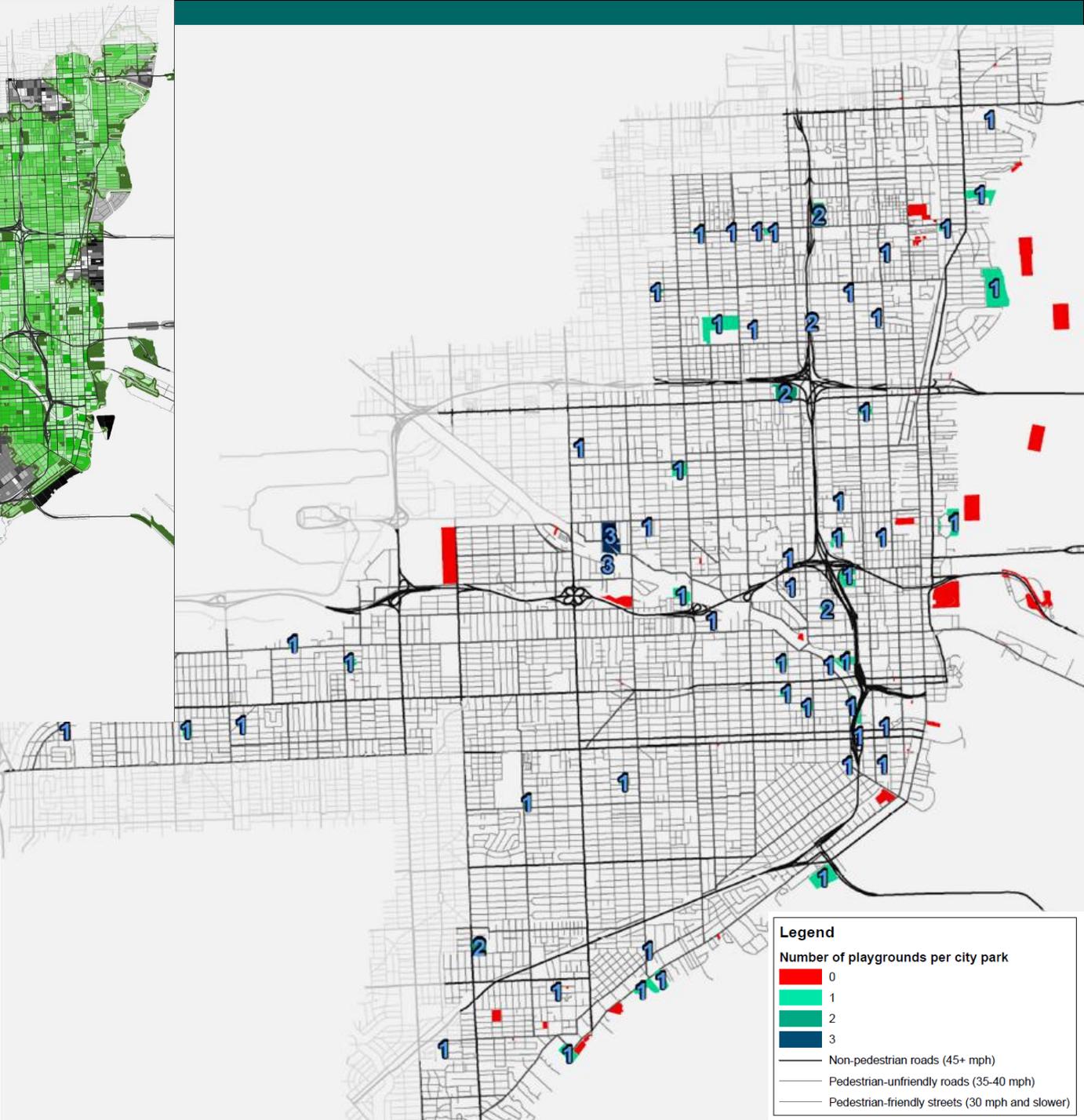
With barriers
Population density



NETWORK ANALYST
 Population density and walkability to any park

- Parks
- Area within 10-minute walk to any park

Playgrounds



Legend

Number of playgrounds per city park

- 0
- 1
- 2
- 3

- Non-pedestrian roads (45+ mph)
- Pedestrian-unfriendly roads (35-40 mph)
- Pedestrian-friendly streets (30 mph and slower)

***PRELIMINARY
RECOMMENDATIONS FOR LOS***

Recommended access LOS measure

1. 10 minute walk from a park of approximately one acre or more
2. 10 minute walk to be measured as ½ mile from park
3. ½ mile access to be measured by GIS Network Analyst or similar process
 - a) From park entrances at the street
 - b) Network Analyst to adjust for barriers to pedestrian access: highways, rivers and streams, high-speed traffic streets, walls, etc.

***CONSIDERATIONS FOR PARKS
AND RECREATION ELEMENT OF
THE MCNP***

Change in state requirements for comprehensive plans

- Concurrency for parks and recreation not required
- Municipalities may retain concurrency requirements, and if retained:
 - Focus is on achieving and maintaining LOS
 - Projects to achieve LOS must be identified as funded or unfunded, and given priority level for funding

Parks , Recreation and Open Space Element of the MCNP – 2010 (existing)

- “Objective PR-I.I: The City shall work to achieve a medium-term objective of providing a park within one-half mile of every resident and to achieve a long-term objective of a park within one-quarter mile of every resident .”

Draft Changes to MCNP

- Revise Objective P_{R1.1}:
- The City will provide “a park of approximately one acre in size within a ten-minute walk of 75% of residents within 5 years and 80% of residents within 10 years.”
 - Ten minute walk to be measured by a half mile distance without barriers to pedestrians.
 - Next benchmark will be set in the following MCNP
- Revise 25% building maximum on parks to take into account the size of parks and impervious surfaces rather than building footprint.

Next Steps

- July on website for public comment - first draft MCNP amendments
- Fall 2012
 - Parks Advisory Board
 - Planning, Zoning and Appeals Board
 - City Commission

A 21st-Century Vision for Miami's Parks and Open Spaces

KEY

 City boundary	 Transit network
 Body of water	 Greenway
 River/stream	 Blueway
 Neighborhood park	 Green street
 Citywide park	 Parkwalk
 Transit hub	 Urban wilds/nature corridor

