



# Complete Streets Master Plan

Project Advisory Committee (PAC)

Meeting #4

January 17, 2018

# Welcome and Introductions

- Please tell us about yourself and answer the following...
  - How can we all ensure the success of the Complete Streets Master Plan?



# Summary of Previous PAC Meetings

**Kick-Off**  
5/22/2017

Project  
Overview

Background  
Data

**Meeting #2**  
9/19/2017

Outreach

Transportation  
Network  
Analysis

**Meeting #3**  
10/17/2017

Prioritization  
Criteria

Lane  
Elimination  
Coordination

Project  
Development

**Today**  
1/17/2018

# Today's Agenda

- Outreach Results
- Project Development/Recommendations
- Project Prioritization Analysis
- Next Steps/Closing

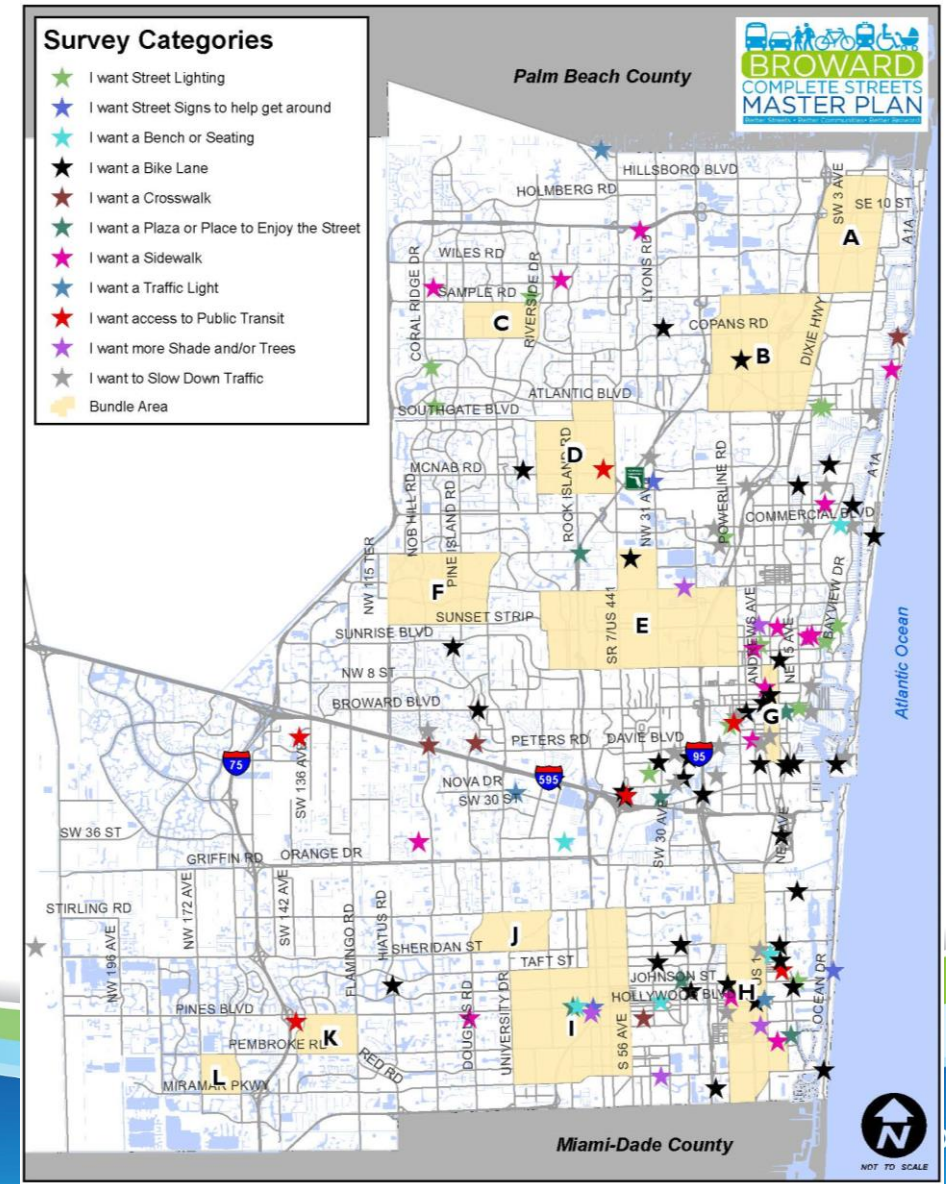




# Outreach Results

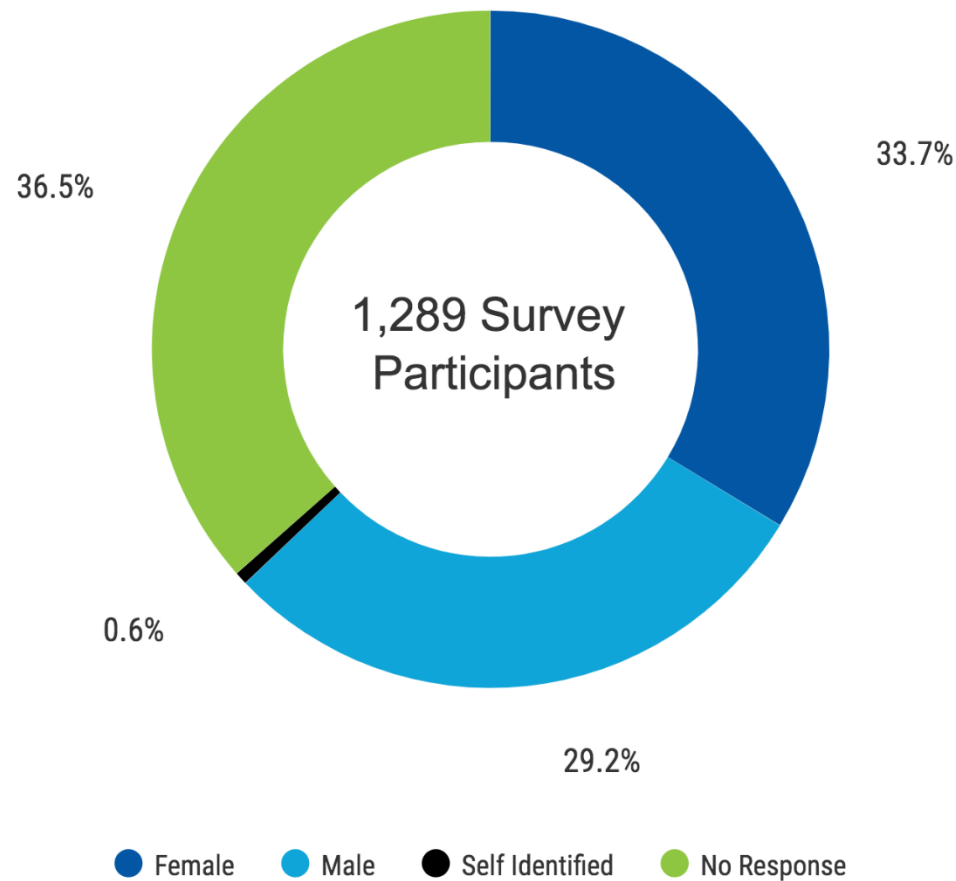
# Master Plan Public Input Strategies

- High-Touch
  - Focus Groups
  - One-on-One Interactions
- High-Tech
  - Community Survey
  - Digital Input Mapping
  - Partner Survey

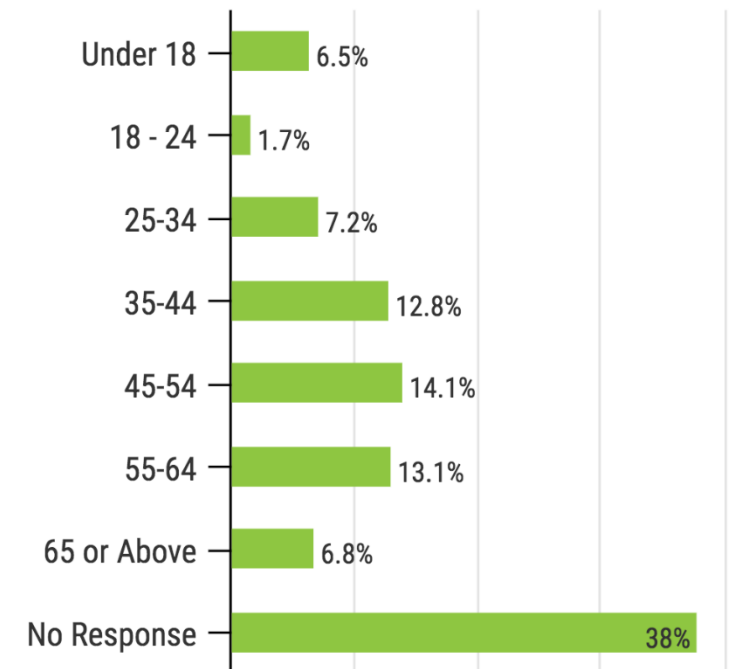


# Master Plan Public Input Demographics

## Demographics of All Community Survey Participants

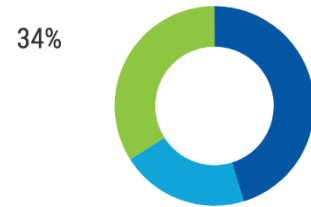


## Age Range of Participants



# Master Plan Public Input Demographics

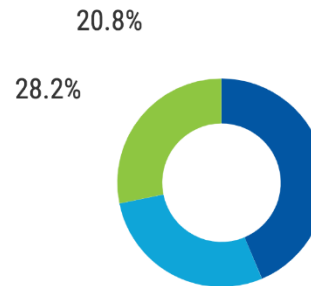
## Demographics of Target Areas



45.3%

**1 Northern Broward:** Broward County Municipal Services District (Boulevard Gardens, Franklin Park, Roosevelt Gardens, and Washington Park), City of Lauderdale Lakes, City of North Lauderdale and City of Lauderhill

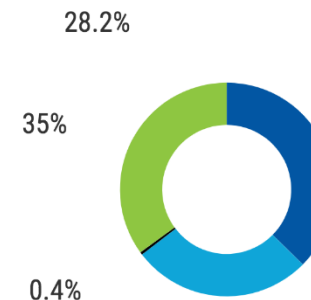
**53 Participants for this Target Area**



43.7%

**2 Southern Broward:** City of Miramar, City of Hallandale Beach, and City of West Park (No participation from City of Pembroke Park)

**71 Participants for this Target Area**



37.4%

**3 Specific Zip Codes:** 33441, 33060, 33068, 33319, 33309, 33313, 33311, 33312, 33023

**254 Participants for this Target Area**

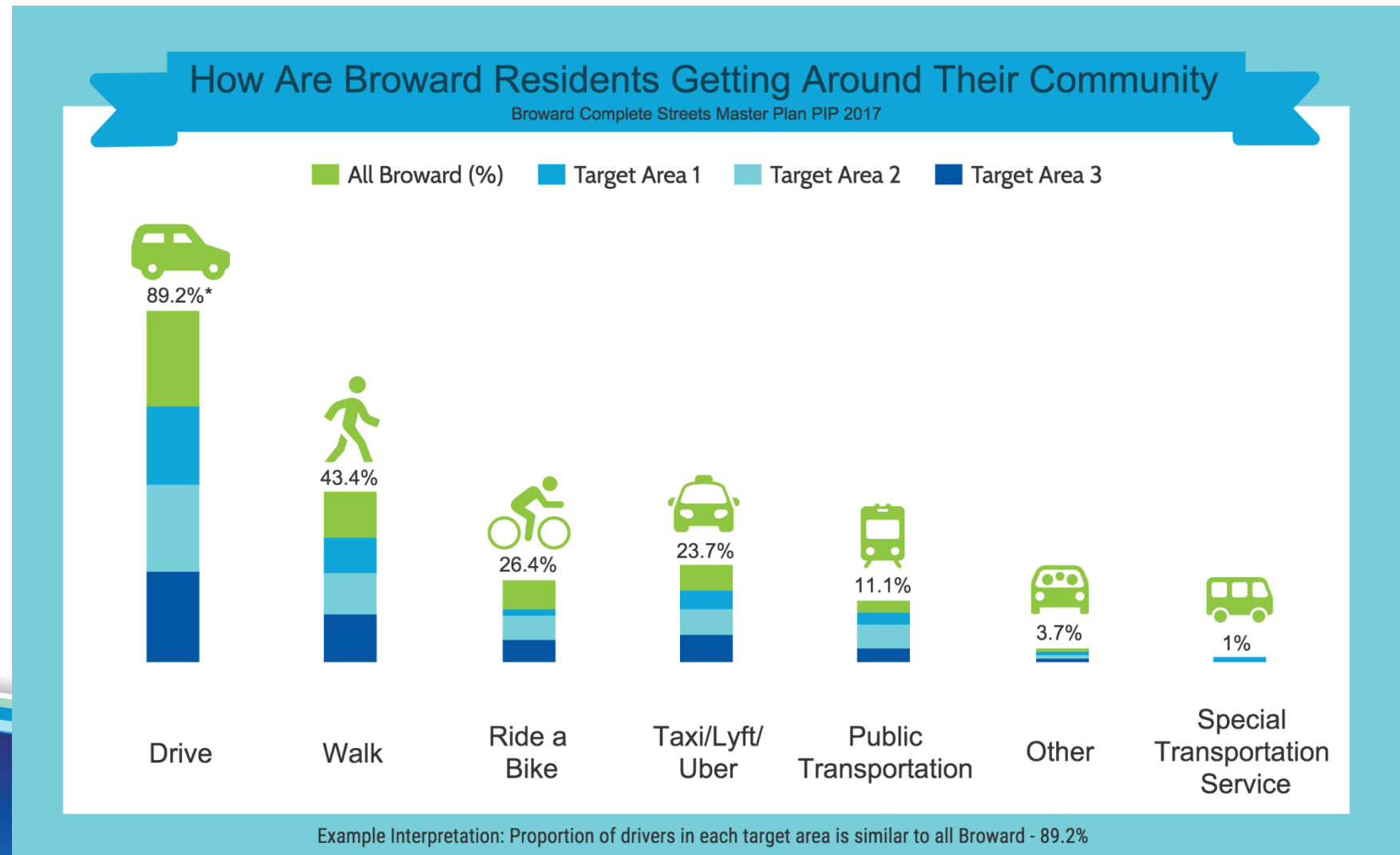


● Female ● Male ● Self Identified ● No Response

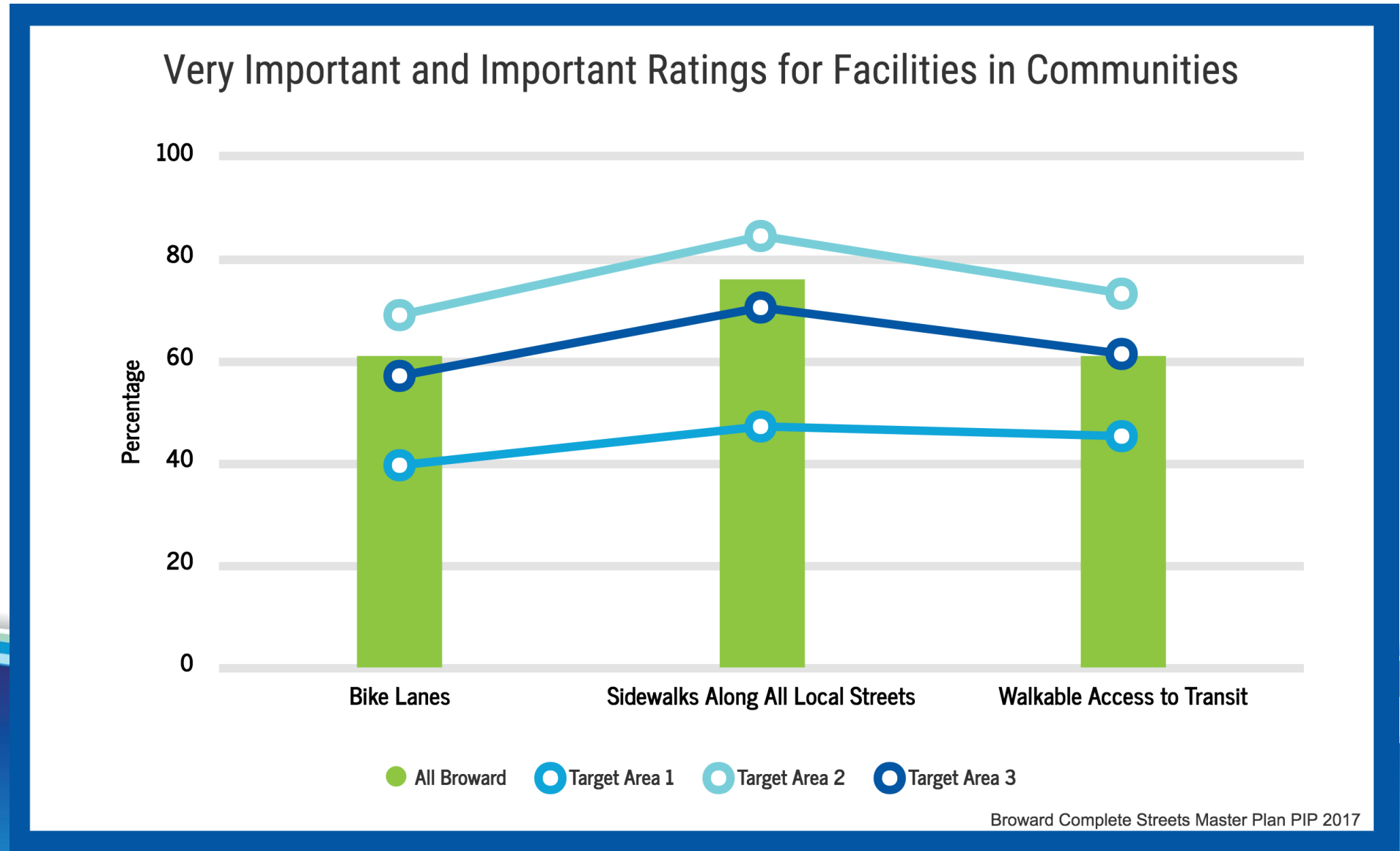
Broward Complete Streets Master Plan PIP 2017



# Master Plan Public Input Summary

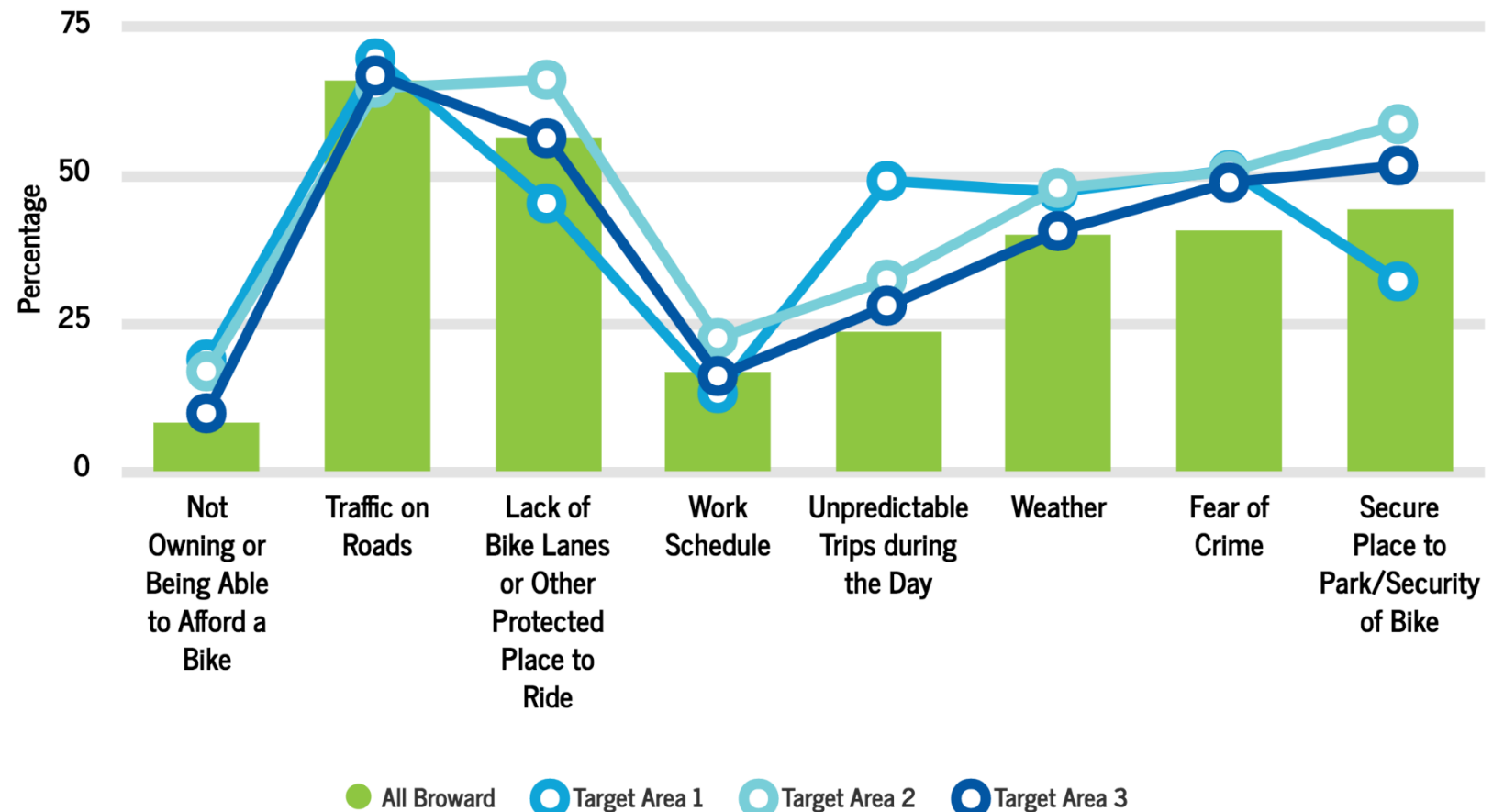


# Master Plan Public Input Summary

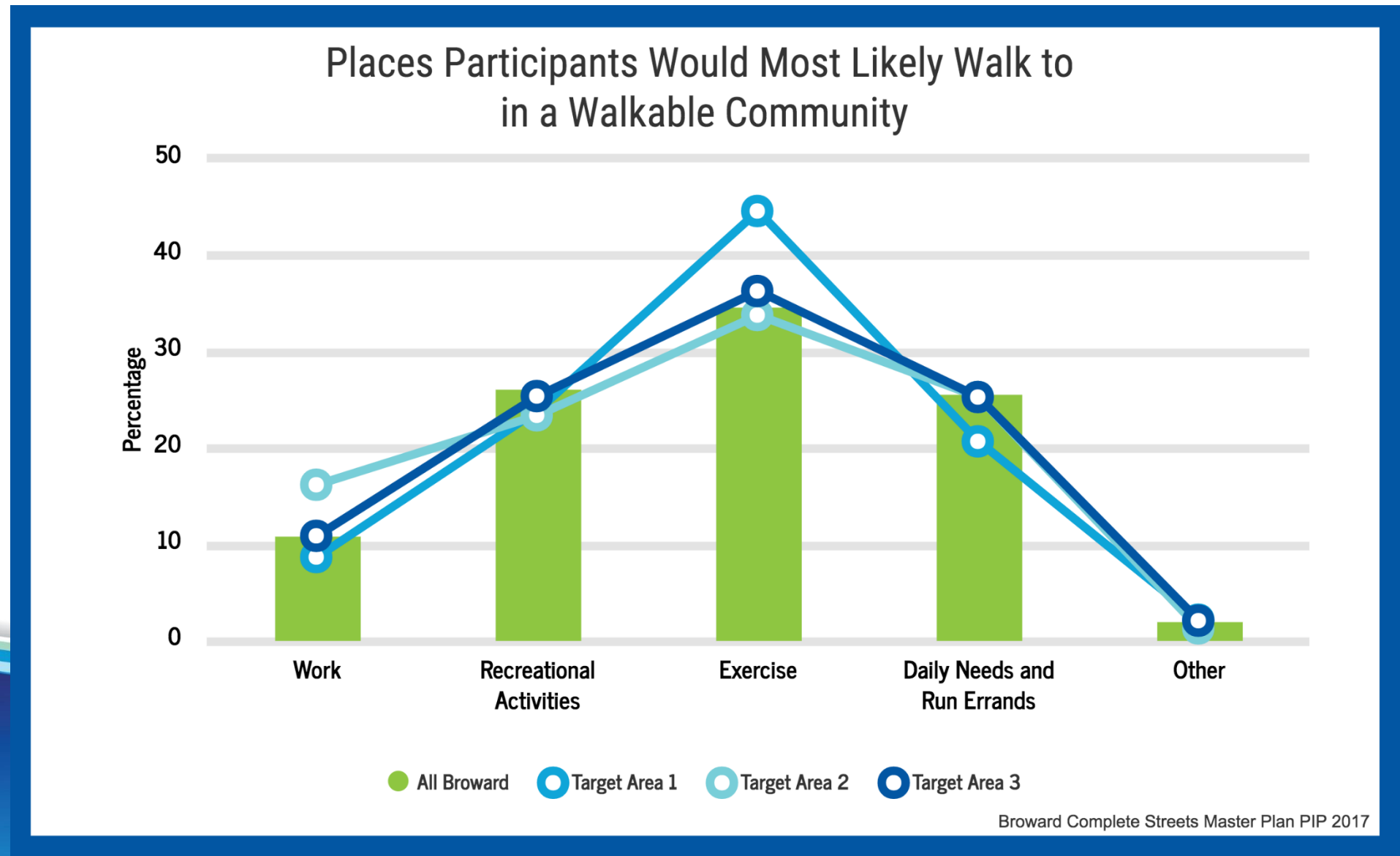


# Master Plan Public Input Summary

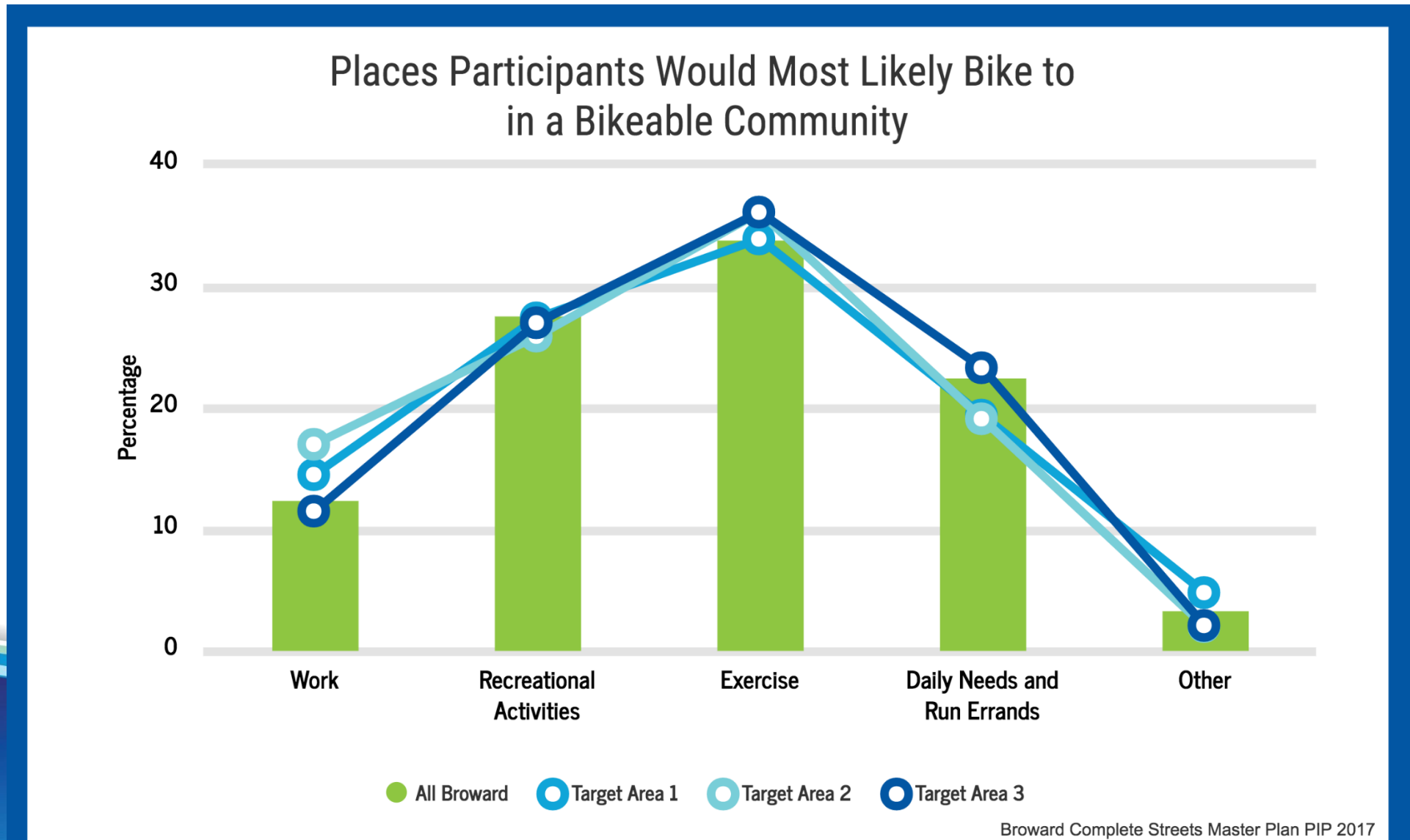
## Very and Somewhat Concerned Ratings for Barriers to Bicycling



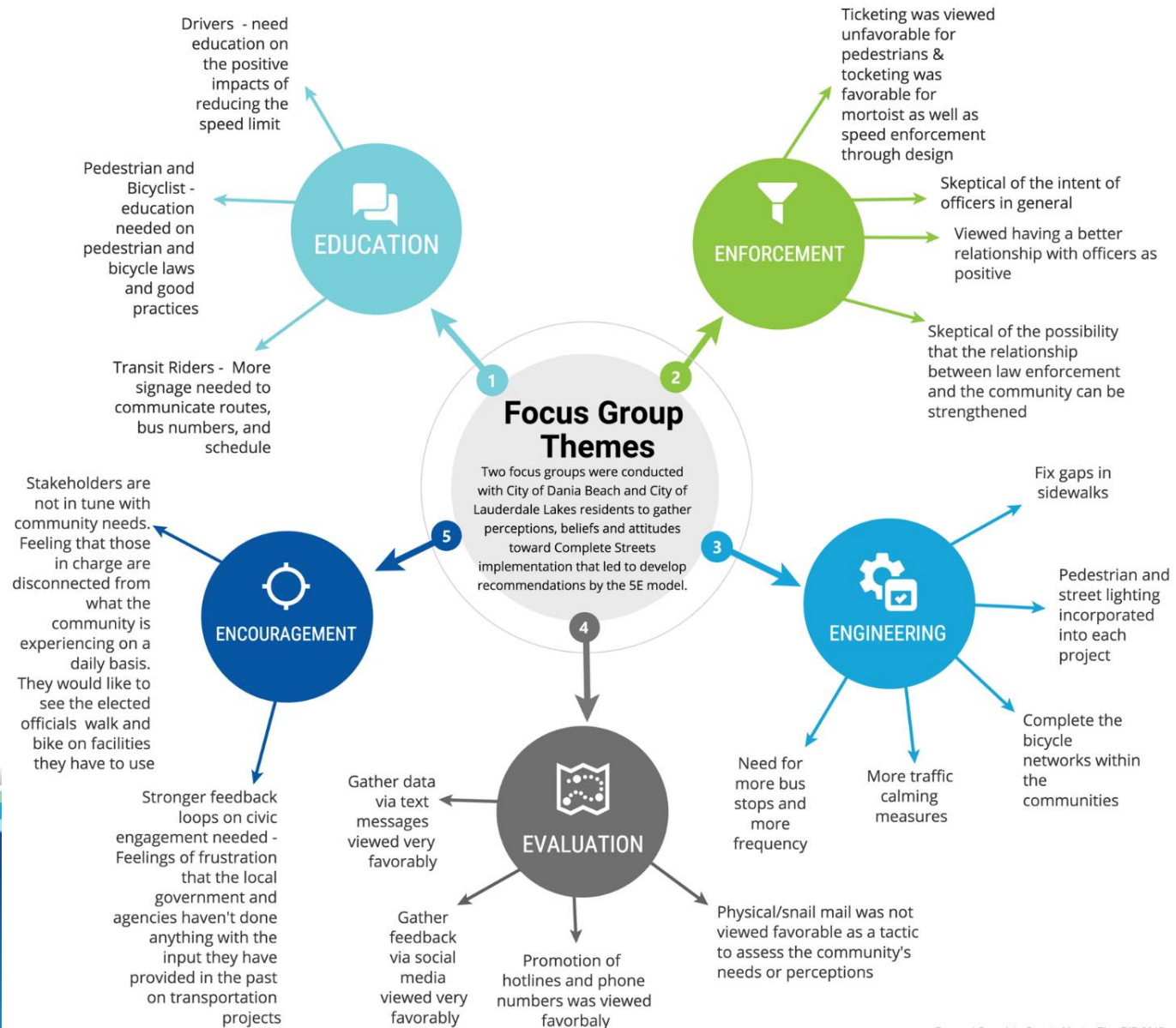
# Master Plan Public Input Summary



# Master Plan Public Input Summary



# Master Plan Public Input Summary



# Master Plan Public Input Summary



66% of participants had never provided feedback on their streets

42% of participants in favor of receiving educational information



9.2%  
Radio



13.6%  
Television



13.8%  
Phone Call  
or Text



14.8%  
Flyer



16.2%  
Physical Mail

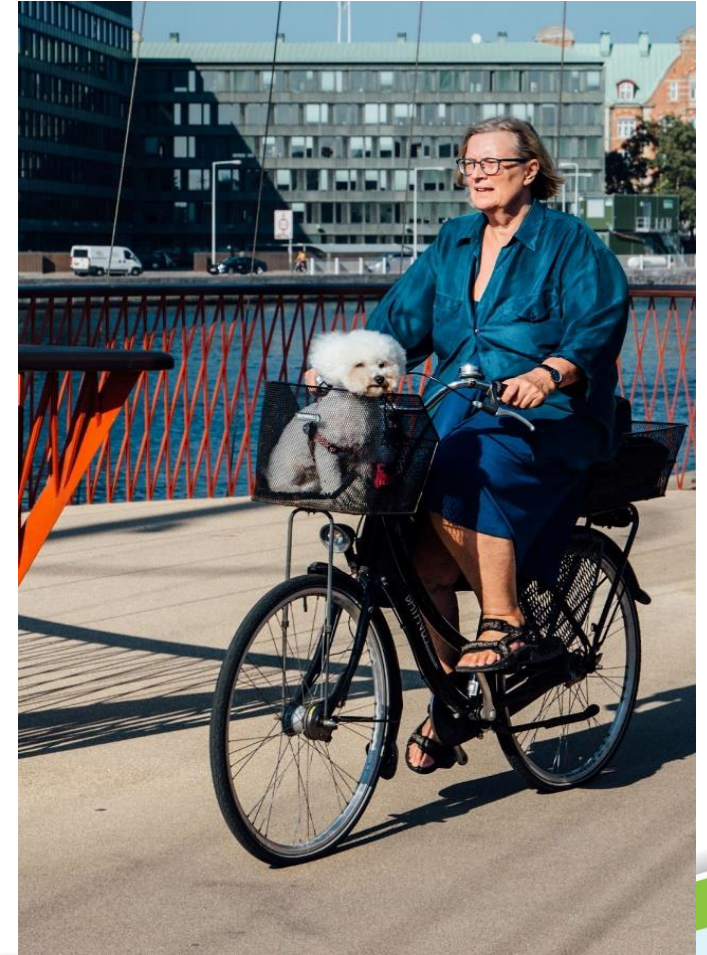


32.3%  
Social Media or  
Web

Broward Complete Streets Master Plan PIP 2017

# 5E's

- Various **cities have been successful** in not only building non-motorized infrastructure, but also in **developing a culture that supports and embraces non-motorized travel.**



*Copenhagen, Denmark*



# Education

- Education focuses on informing the public of the safety and economic development aspects of why we implement complete streets.



*Bike Pittsburgh*

# Education Best Practices

- **WalkWise Florida** – providing safety education to adults through a targeted grassroots approach
- **Bike Austin** – non-profit bicycle advocacy organization that provides a wide array of bicycle training classes to the community

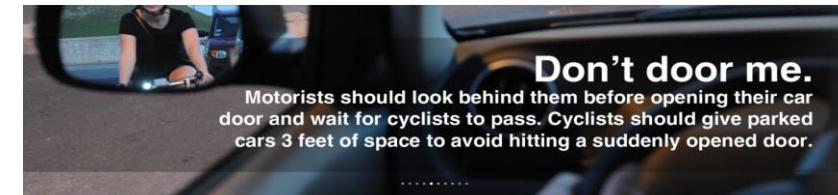


*FDOT Best Practices for Pedestrian and Bicycle Safety*

## BIKE AUSTIN

BIKE  AUSTIN

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*Bike Austin*

# Enforcement

- Enforcement focuses on how **safety laws are implemented** and include how **law enforcement officers engage and interact with motorized and non-motorized travelers.**



*CDOT – Crosswalk Enforcement Initiative*

# Enforcement Best Practices

- **Lauderhill – Slow Roll** – Group bicycle ride that meets routinely in different parts of Lauderhill.
- **Florida’s High Visibility Law Enforcement Grant** – Enforcement agency contracts educational materials and funding for approved agencies to conduct operations.



Lauderhill – Slow Roll



Orlando Police Department

# Encouragement

- Encouragement promotes non-motorized travel modes through special events and/or incentive programs. The end result is increased expectations of motorized users to exercise caution and share the road.



*Bogota, Colombia - Cyclovia*

# Encouragement Best Practices

- **Bike Valet** – provides the public with another option to consider when traveling to events
- **Bike Walk Missoula Alliance** – basic help and rules of the road, show great paths and bike lanes and help people find the best routes for biking safely to work, school, and errands



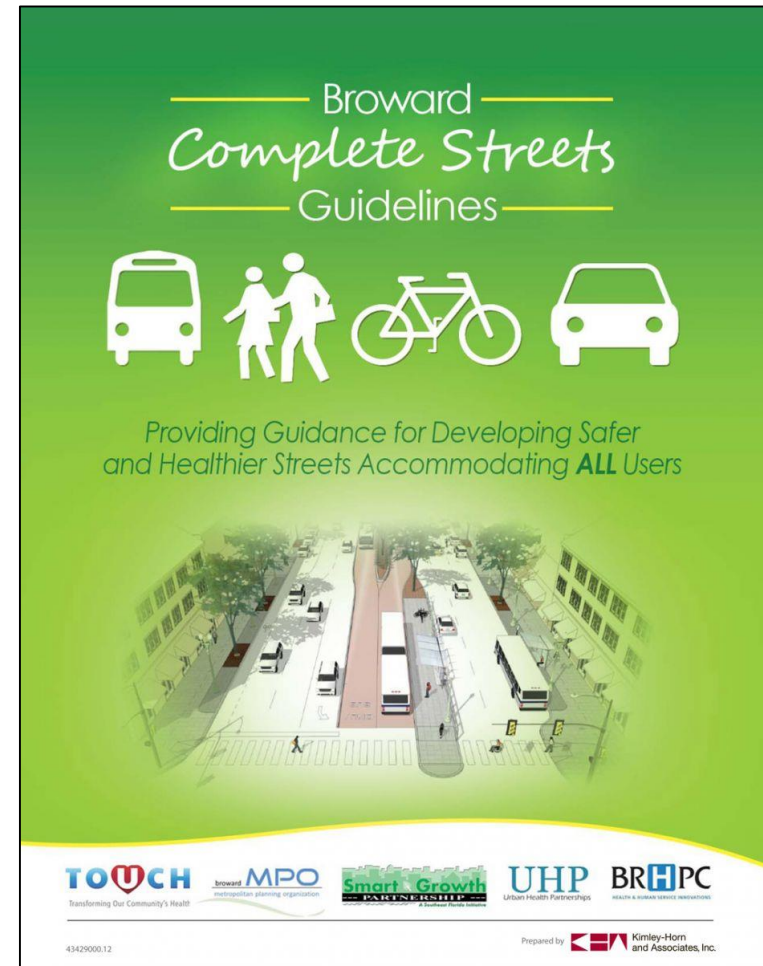
*Portland, OR*



*Missoula, MT*

# Evaluation & Planning

- Evaluating **your jurisdiction's short, medium, and long-term objectives** is good governing and planning!



Broward MPO

# Evaluation & Planning Best Practices

- **Bicycle Friendly Community Designation** – application is structured on the 5 E model
- **Miami-Dade QuickBuild Program** – Transit Center granted Green Mobility Network with a \$150,000 grant to implement strategic active transportation pilot projects around Miami-Dade County



*League of American Bicyclists*





# Evaluation & Planning Best Practices

- If it works, bigger projects will be funded
- Atlanta Beltline
  - Legacy Project for the City of Atlanta
  - Macro scale project that galvanized the Atlanta community
  - Helped raise awareness about bicycle and pedestrian issues to the broader public



# 5 E's Recommendations

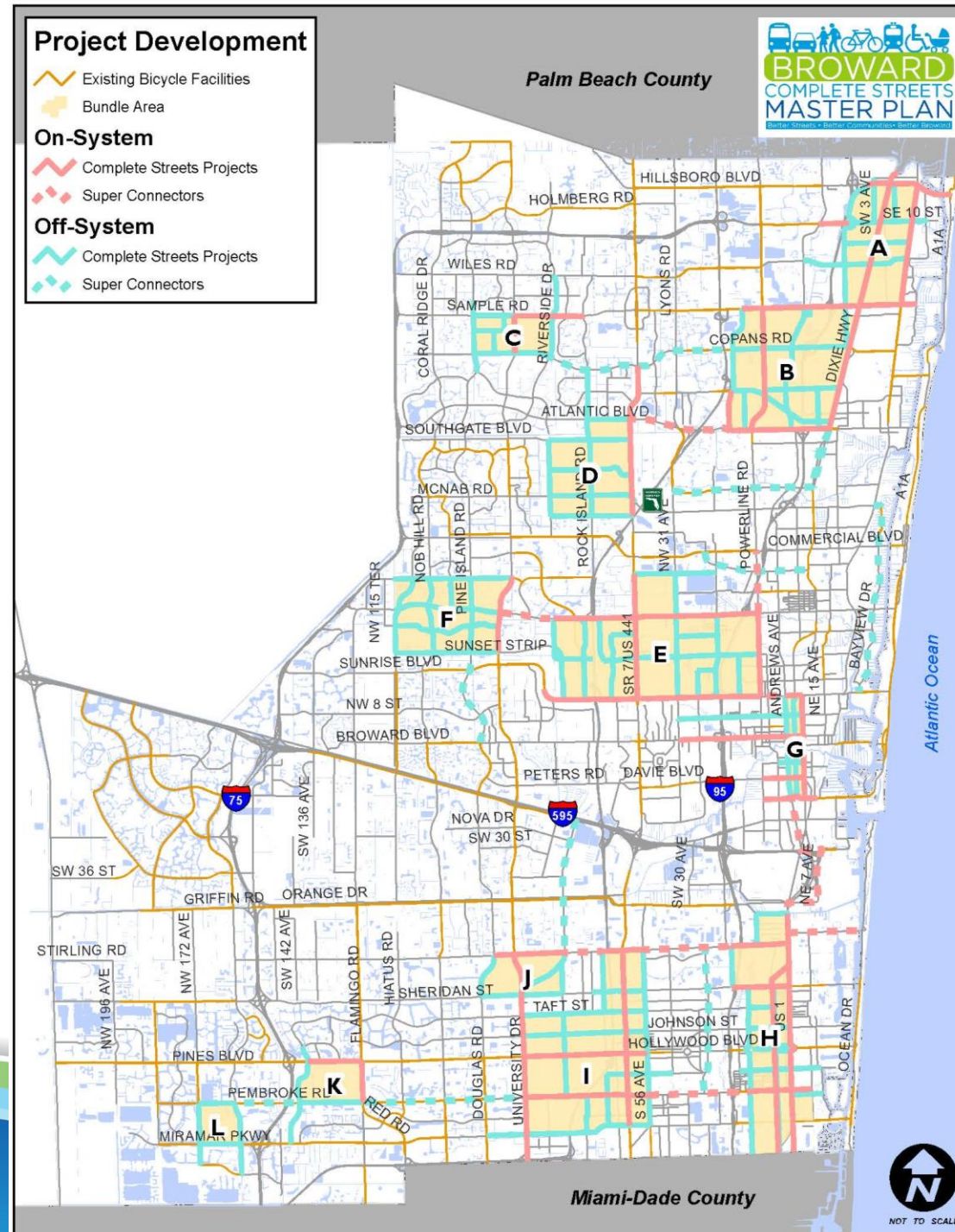
- Complete Streets Website/Smart Phone Application
- County/City sanctioned annual Complete Streets event
- County/City sponsored Bike Valet at major Broward events
- County-wide Complete Streets citizens advocacy group
- Promote and Educate Complete Streets to underserved groups including women, seniors, minorities, and people with disabilities
- Citizen driven pilot projects
- Broward legacy projects



# Project Development/Recommendations

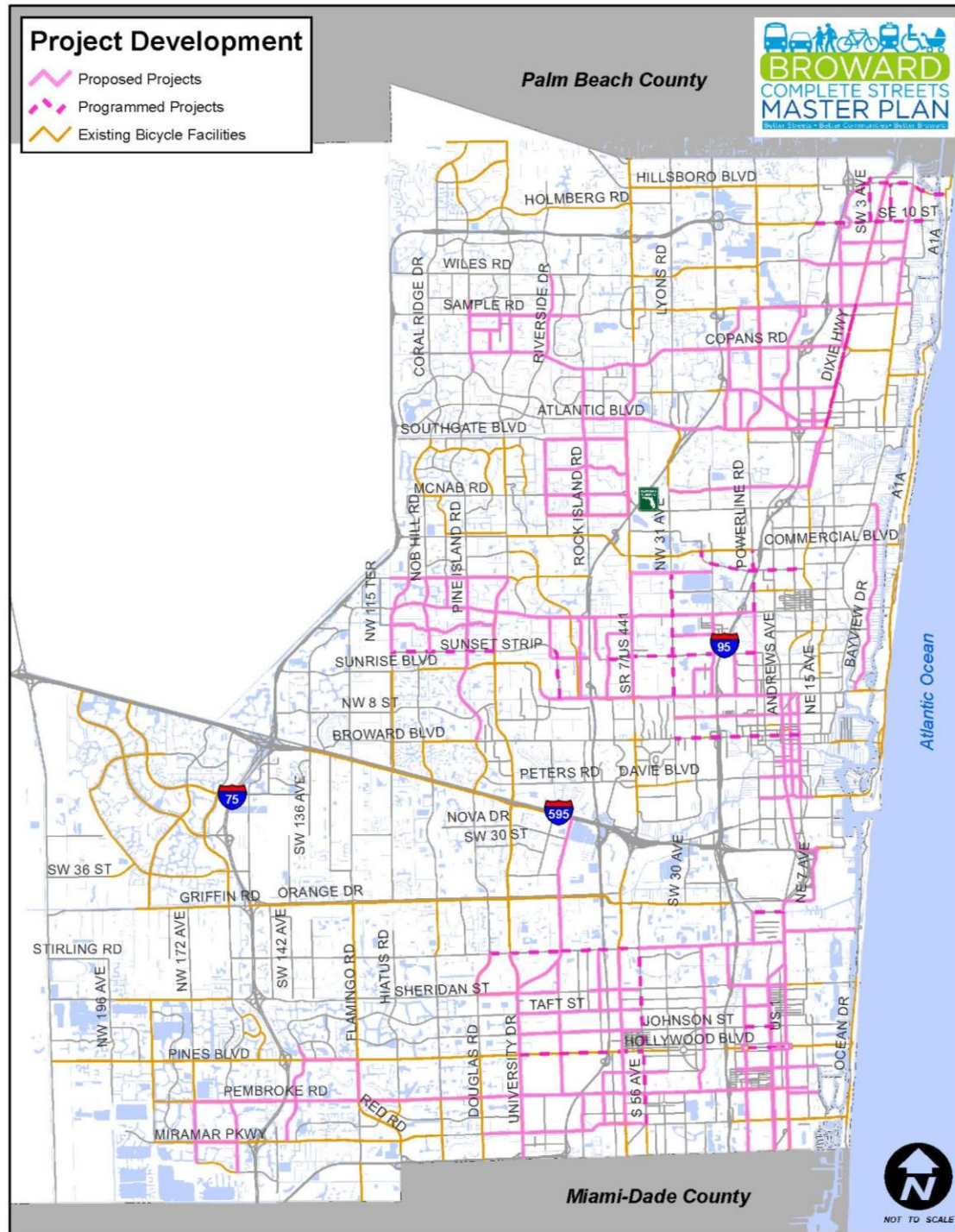
# Project Development

- **Complete Streets Projects**
  - Projects within a Bundle Area
- **Super Connectors**
  - Projects connecting Bundle Areas/Existing Facilities



# Project Development

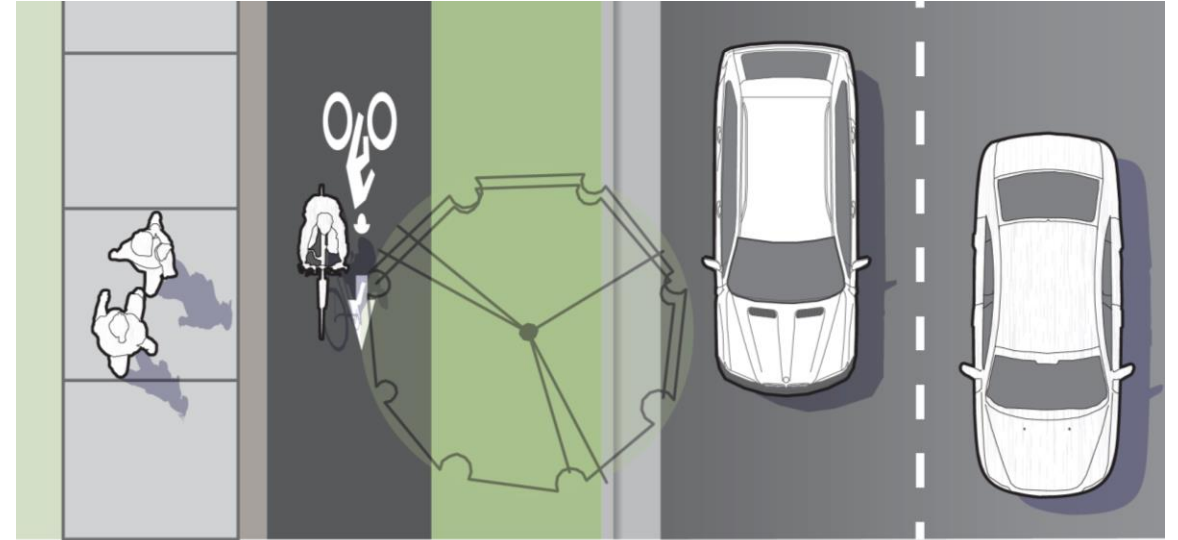
- Proposed Projects
- Programmed Projects



# Facility Types



# Facility Types



Sidewalk    Raised Separated Bike Lane    Planting Strip    Travel Lane    Travel Lane

Provide shade for active transportation users

## Types of Separated Bicycle Lanes

# Facility Types



**Bike Box**



**Sidewalk with Furnishing Zone**



# Project Recommendations





# Project Prioritization Analysis

# CS Master Plan Prioritization Criteria

## Connectivity

- Activity Centers
- Future Land Use Plan
- Walk Score

## Mobility

- Transit Ridership
- Total Activity Count

## Safety

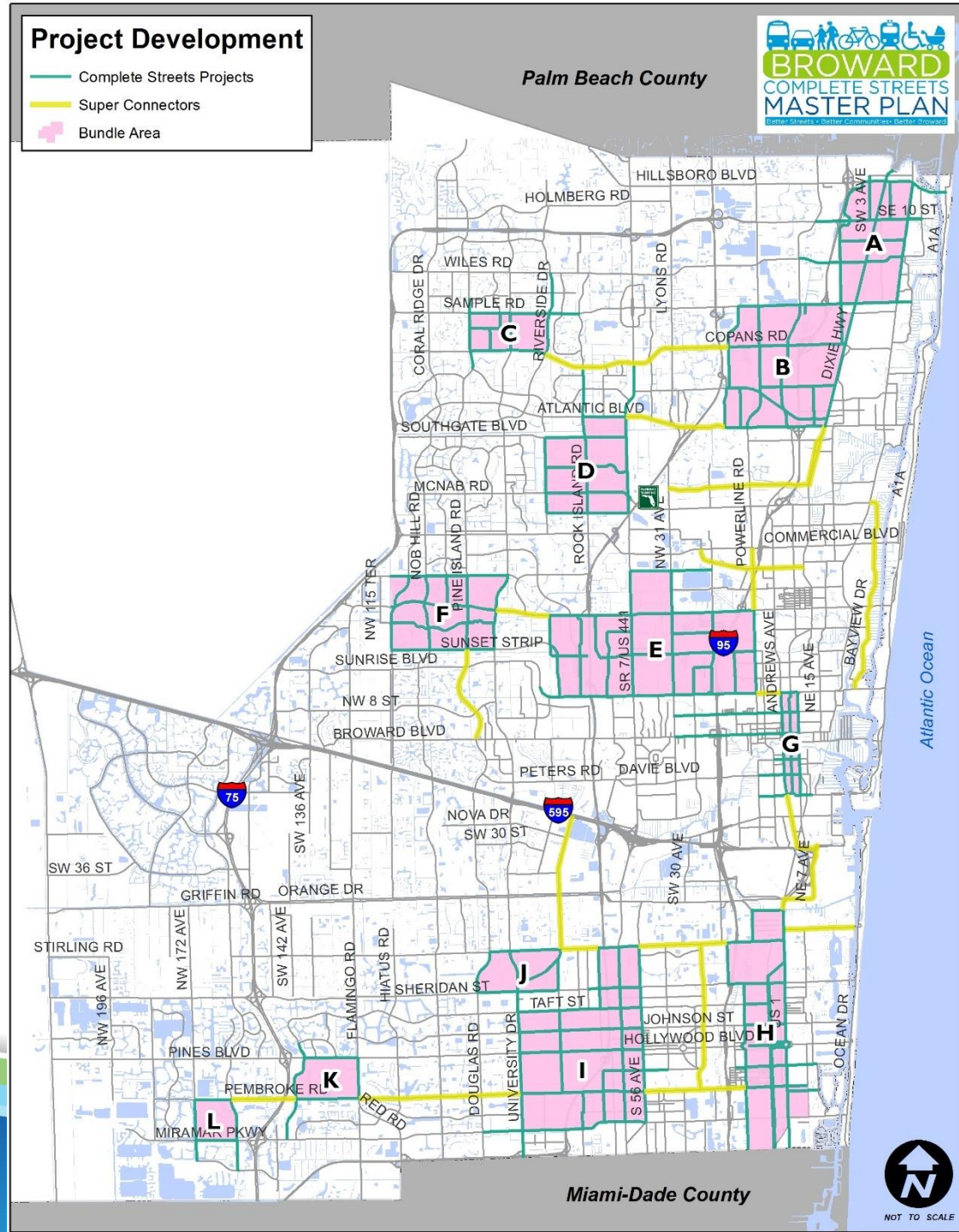
- Pedestrian/Bicycle Crashes
- Intersection/Crossing Relationship Density

## Economic Development

- Equity – Concentration of Vulnerable Populations
- Equity Healthography

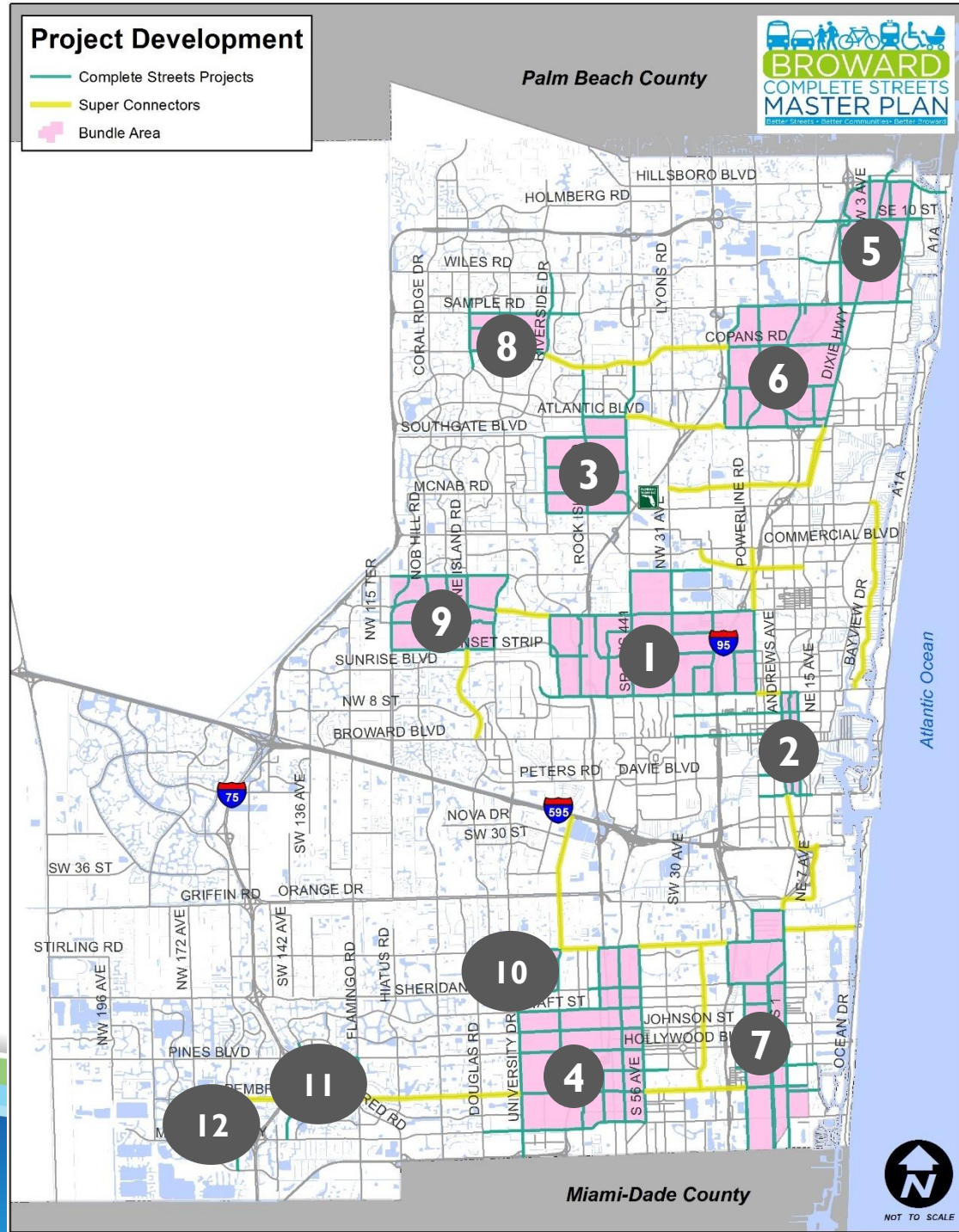
# Bundle Rankings

Bundle Area	Average Score
E	7.07
G	7.04
D	6.95
I	6.89
A	6.82
B	6.60
H	6.54
C	6.47
F	6.10
J	6.00
K	5.60
L	4.11



# Bundle Rankings

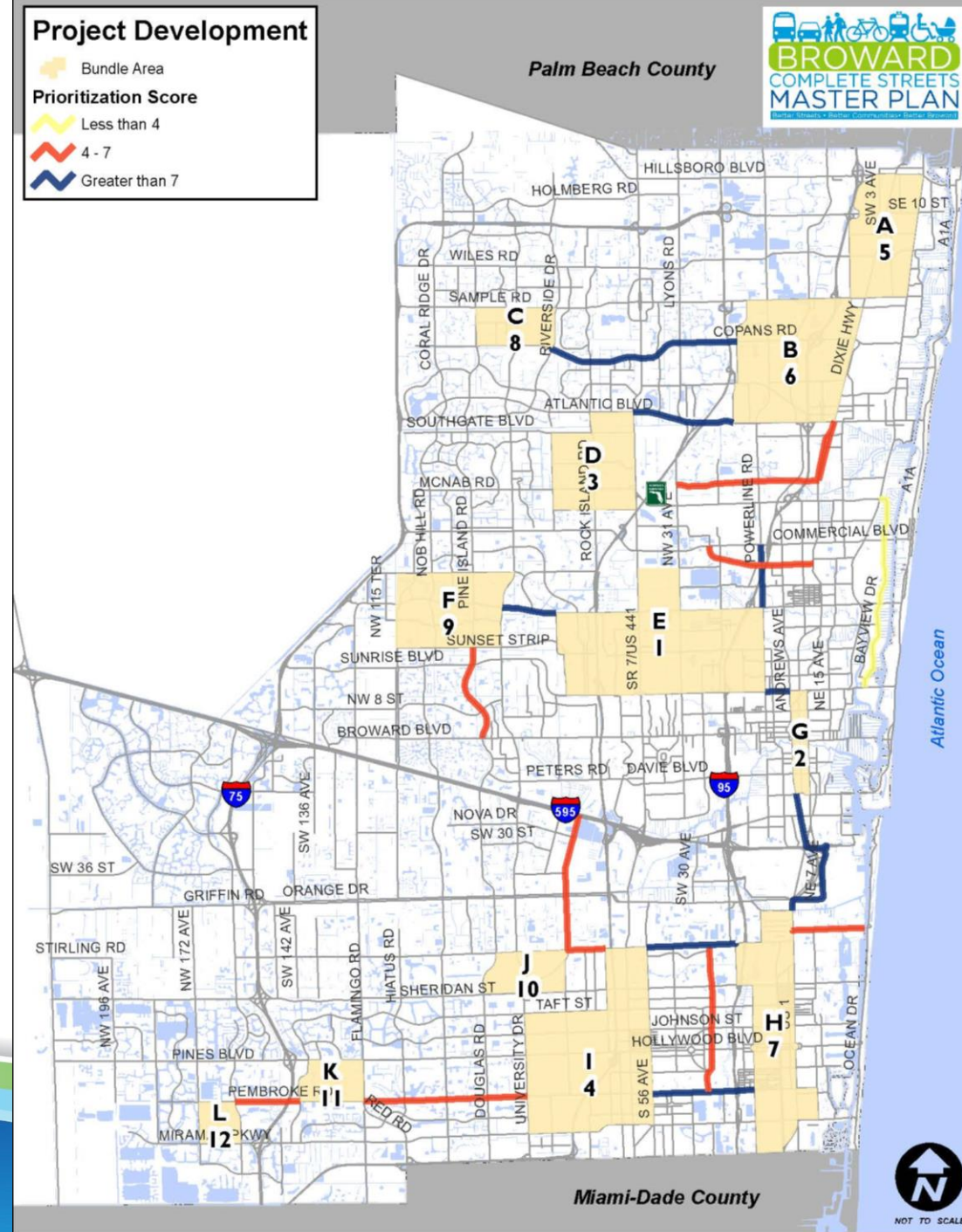
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10	J	6.00
11	K	5.60
12	L	4.11



# Super Connectors Score

## Project Development

-  Bundle Area
- Prioritization Score**
-  Less than 4
-  4 - 7
-  Greater than 7



# Next Steps...

- Present ranked list of projects to the MPO Committees/Board in January
- Develop draft Master Plan for February/March Meetings

