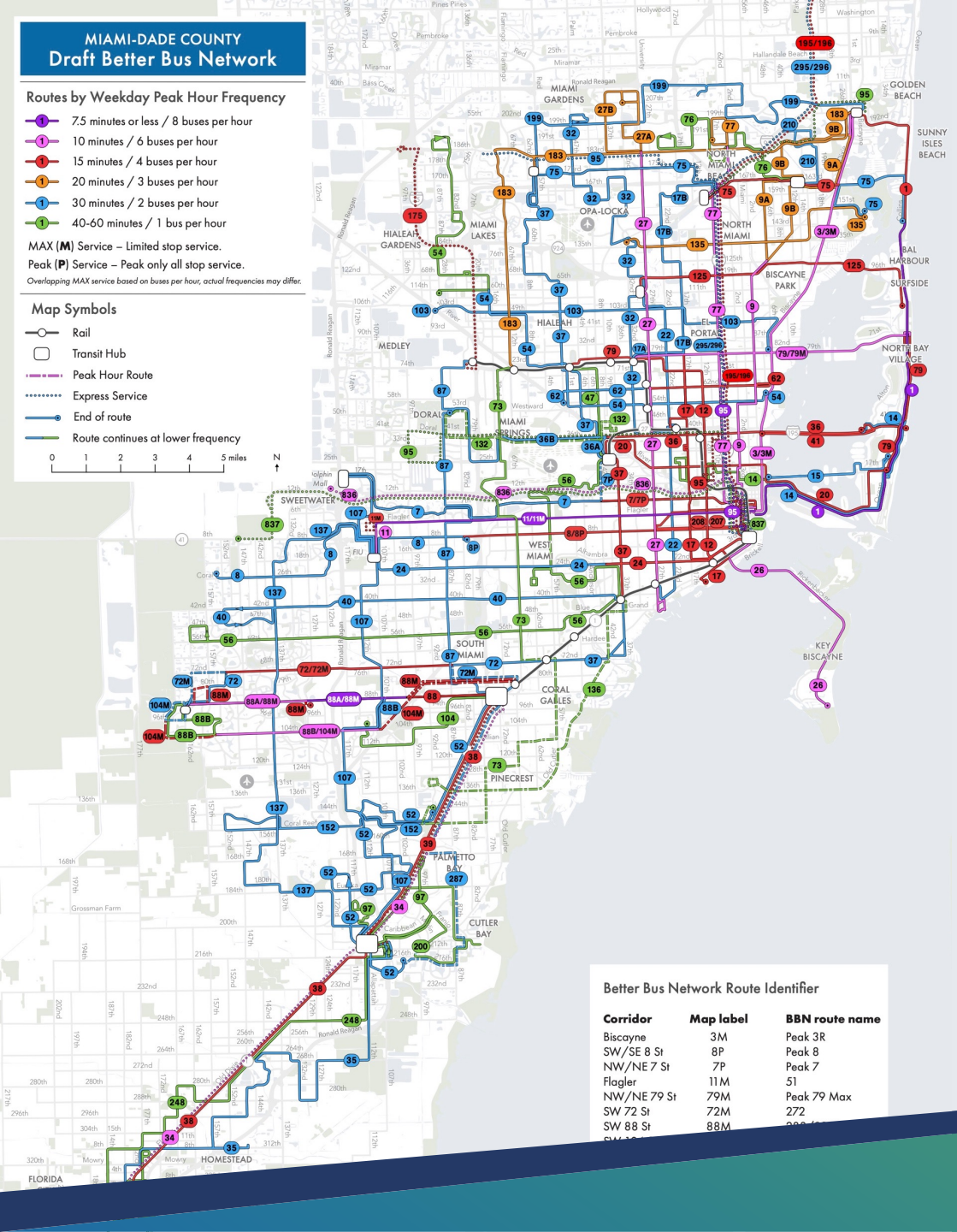
CITT Municipal Workshop

Better Bus Network – Final Plan

November 1, 2021
2:00pm

Better Bus Network

MIAMI-DADE COUNTY



BETTER BUS NETWORK

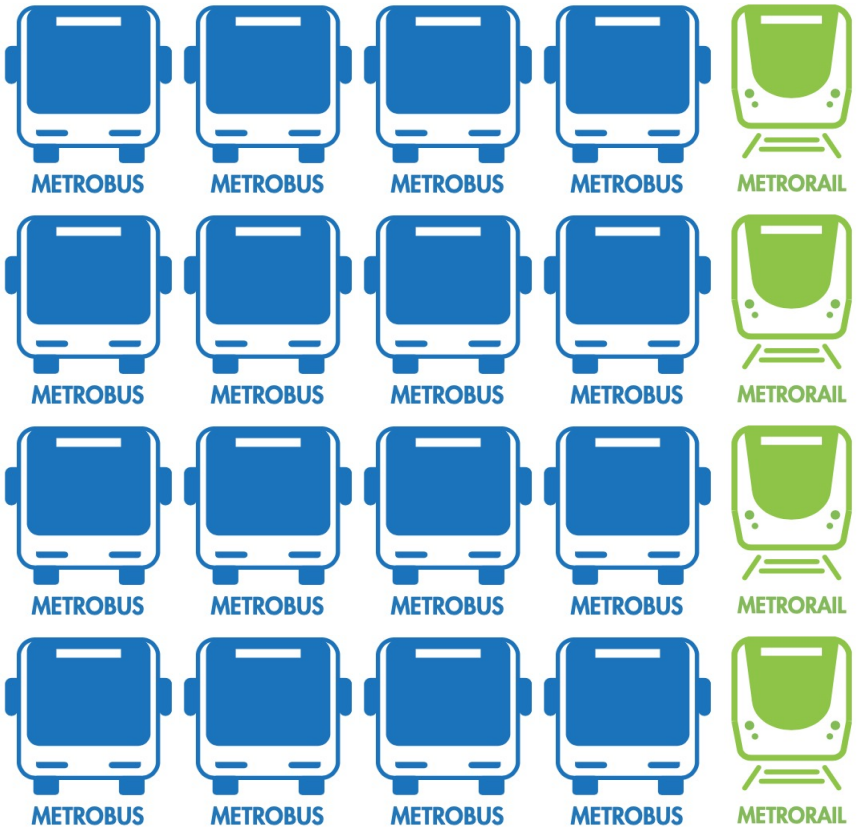
- Community-led full network redesign
- No major changes since start of Metrorail in 1986
- Re-imagined bus network
  - Increased access to frequent bus routes
  - Improved off-peak service
  - Faster journeys
- An increase in service hours of ~~7%~~ 10%
  - (~~~$21M~~ $27M annualized costs)

Better Bus Network

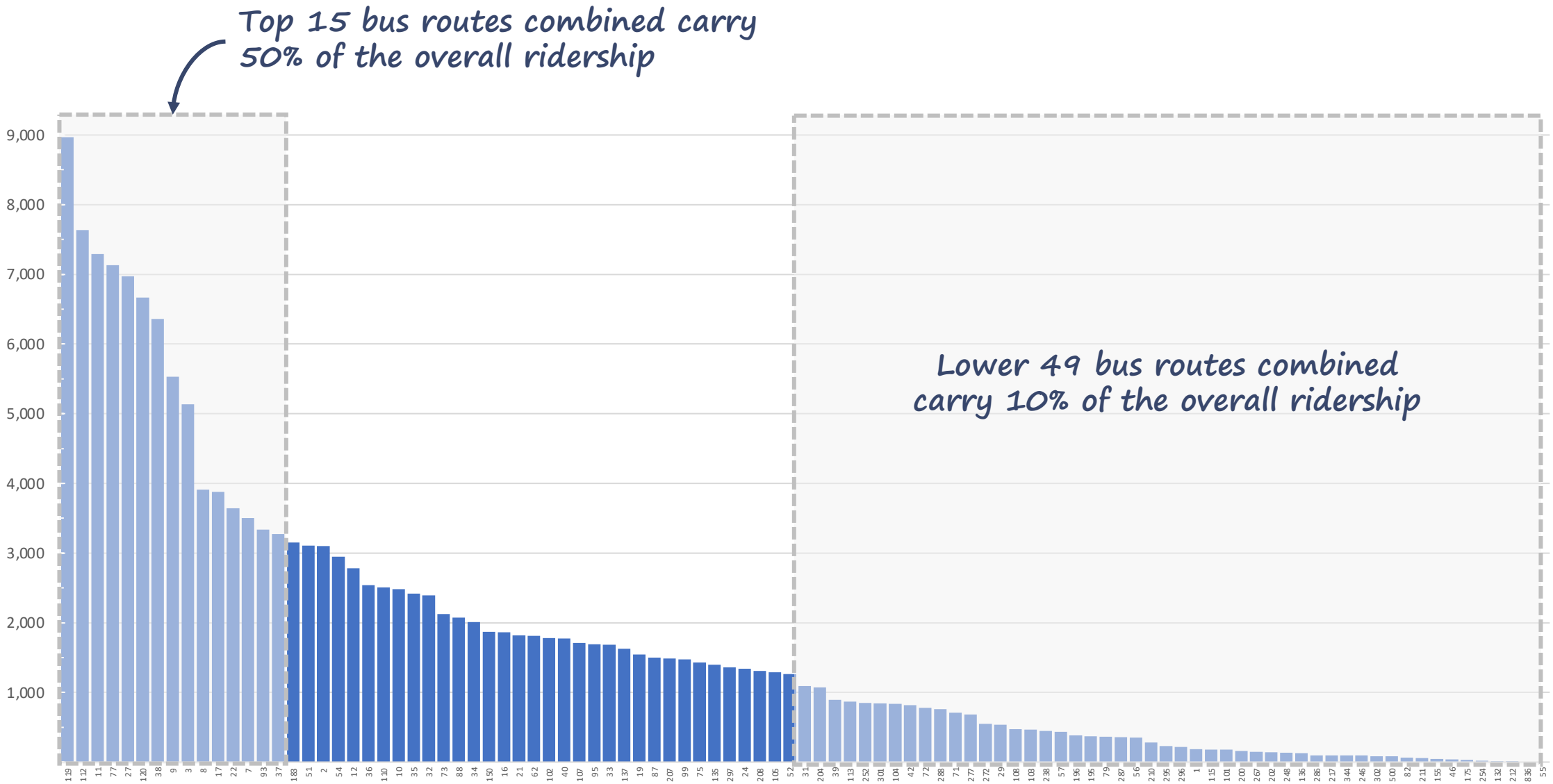
MIAMI-DADE COUNTY

WHY FOCUS ON OUR BUS SERVICE?

4 out of 5 passengers are riding the bus*

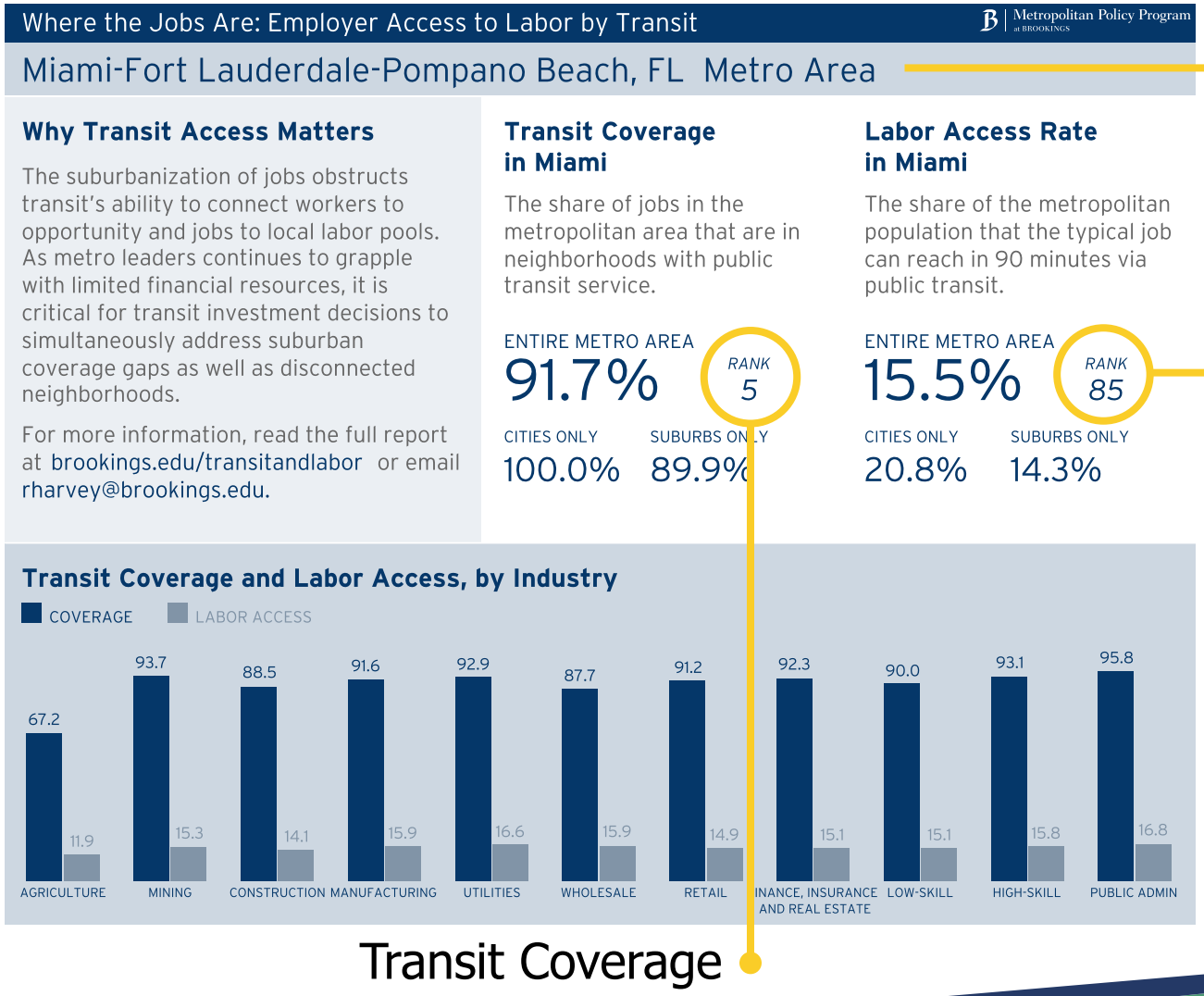


* when considering only Metrobus and Metrorail services



* Data obtained from the Technical Ridership Reports published through DTPW's webpage

WHAT'S THE PROBLEM?



Among very large metro areas

Only 15.5% of people can access jobs with a transit commute of 90 minutes or less

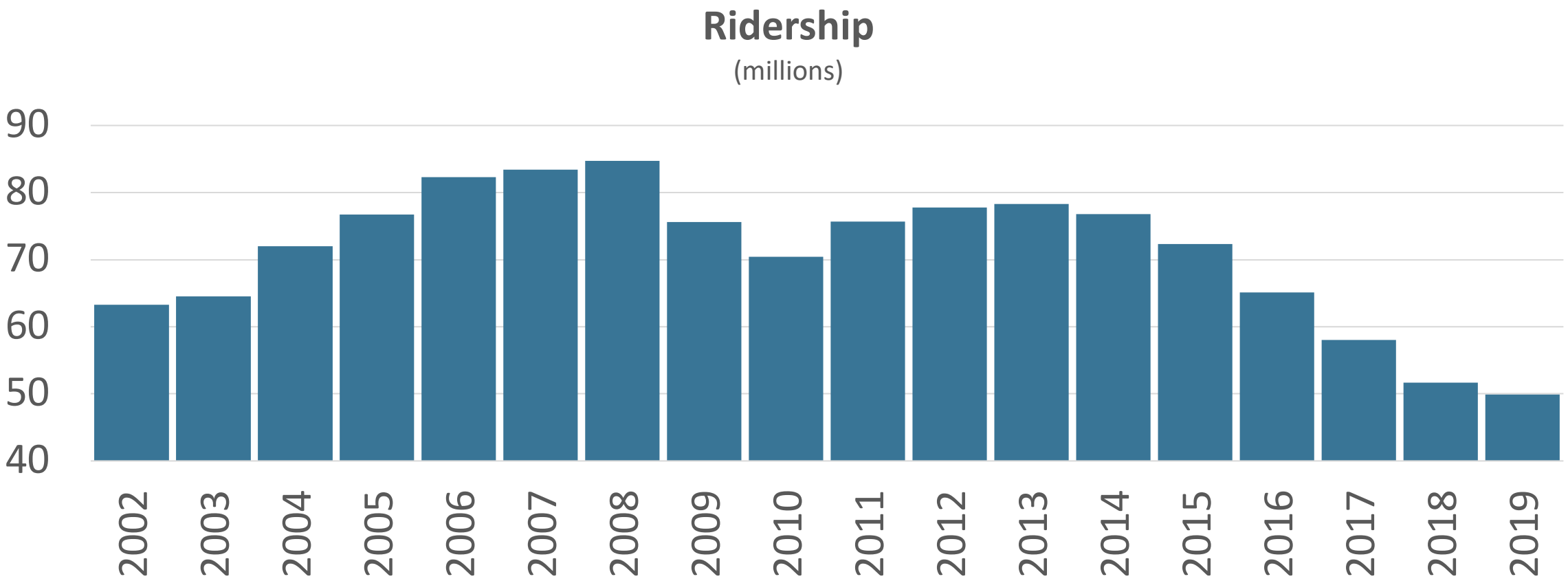
Transit Coverage

source: Where the Jobs Are: Employer Access to Labor by Transit | 2012 | Brookings Institute

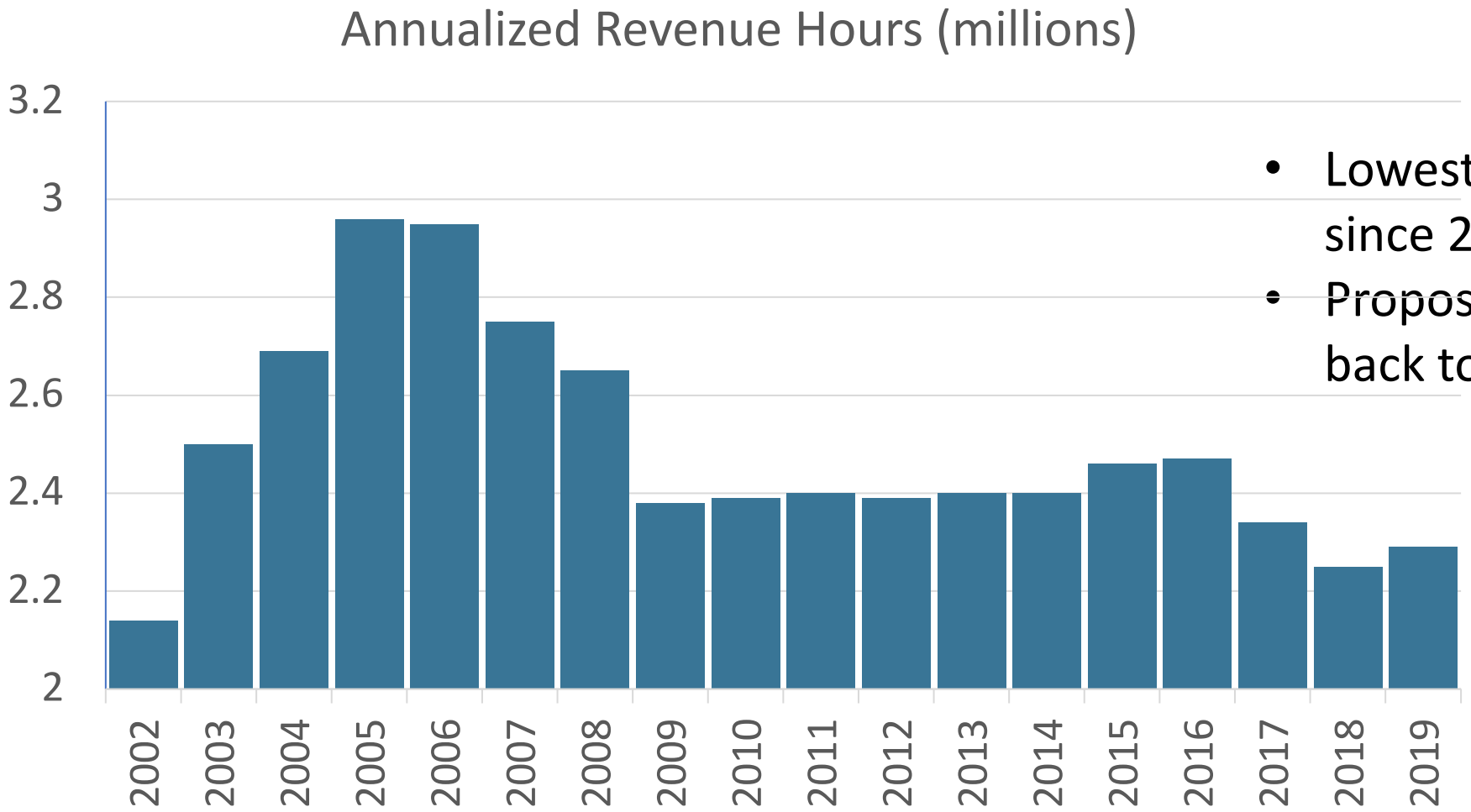
Better Bus Network

MIAMI-DADE COUNTY

WHAT'S THE PROBLEM?



HOW DID WE GET HERE?



- Lowest level of service hours since 2003
- Proposed Network brings us back to around 2015 levels

COLLABORATIVE EFFORT

Transit Alliance

Jarrett Walker& Associates

Department of Transportation and Public Works

...

Local stakeholders and partner agencies

Riders and Residents

Better Bus Network

MIAMI-DADE COUNTY

PUBLIC ENGAGEMENT

- Online Survey
- Community Meetings
- Stakeholder Meetings
- Text Message Line
- Phone Scheduler
- Email Desk
- At Stop

Better Bus Network

MIAMI-DADE COUNTY

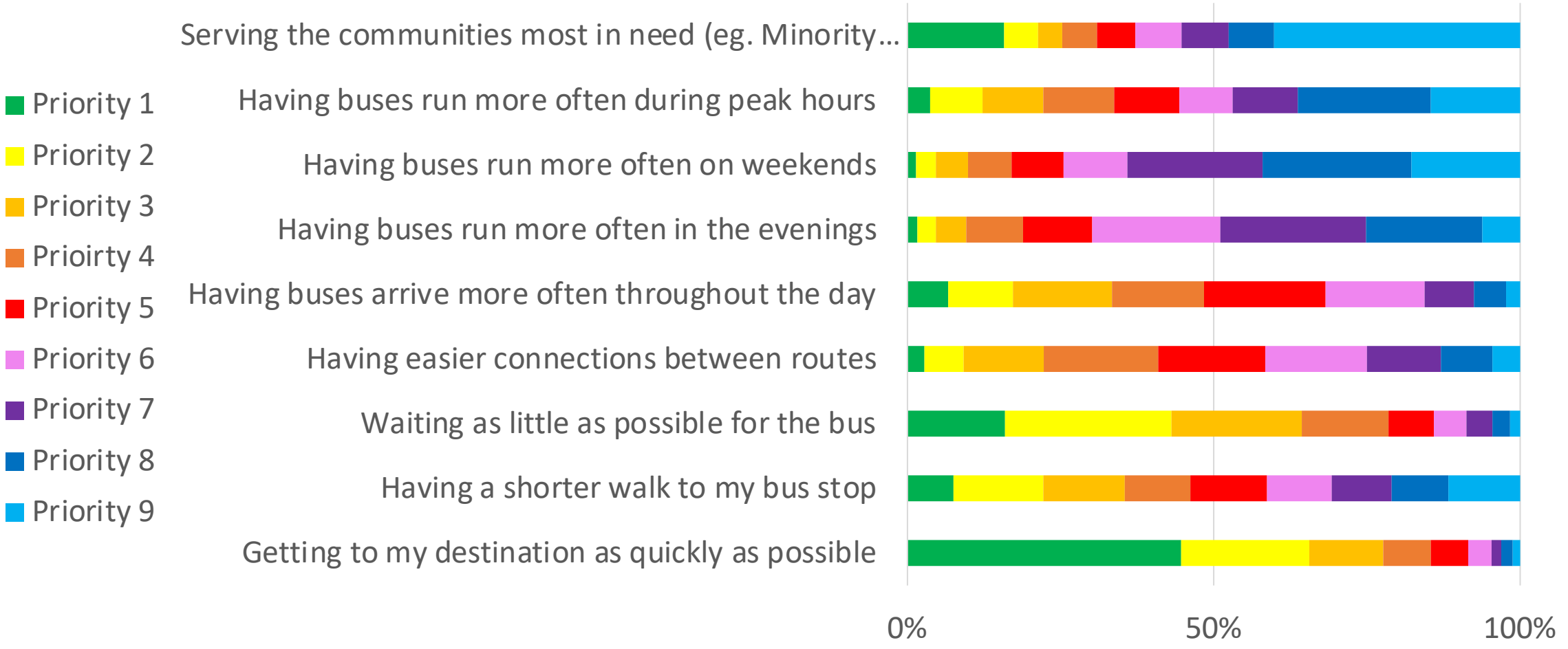
2019 SURVEY RESULTS // DESIRE TO CHANGE

Should we change the bus system so more people can get to more places more quickly?

84% Agree

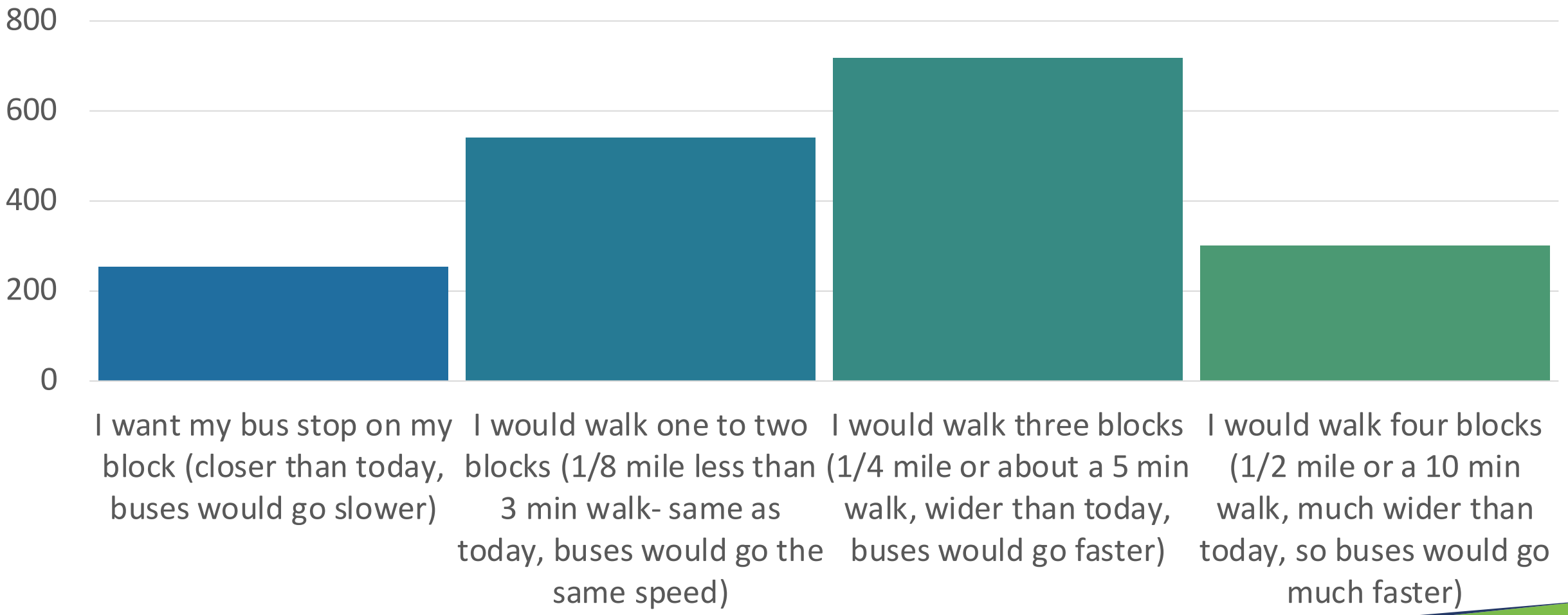
(From >5,000 transit user respondents)

2021 SURVEY RESULTS // RIDER PREFERENCES

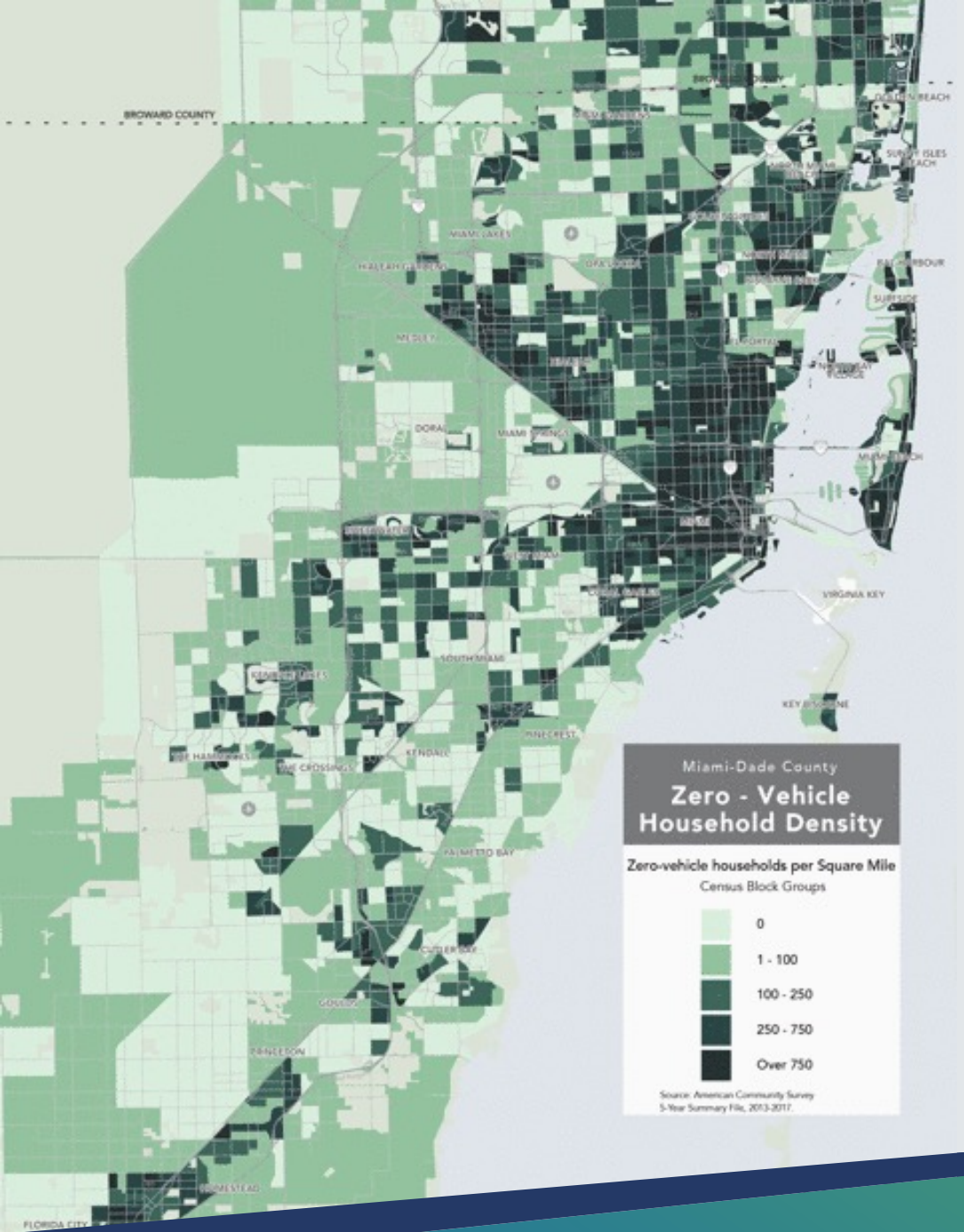


(From >1,800 transit user respondents)

2021 SURVEY RESULTS // BUS STOP SPACING

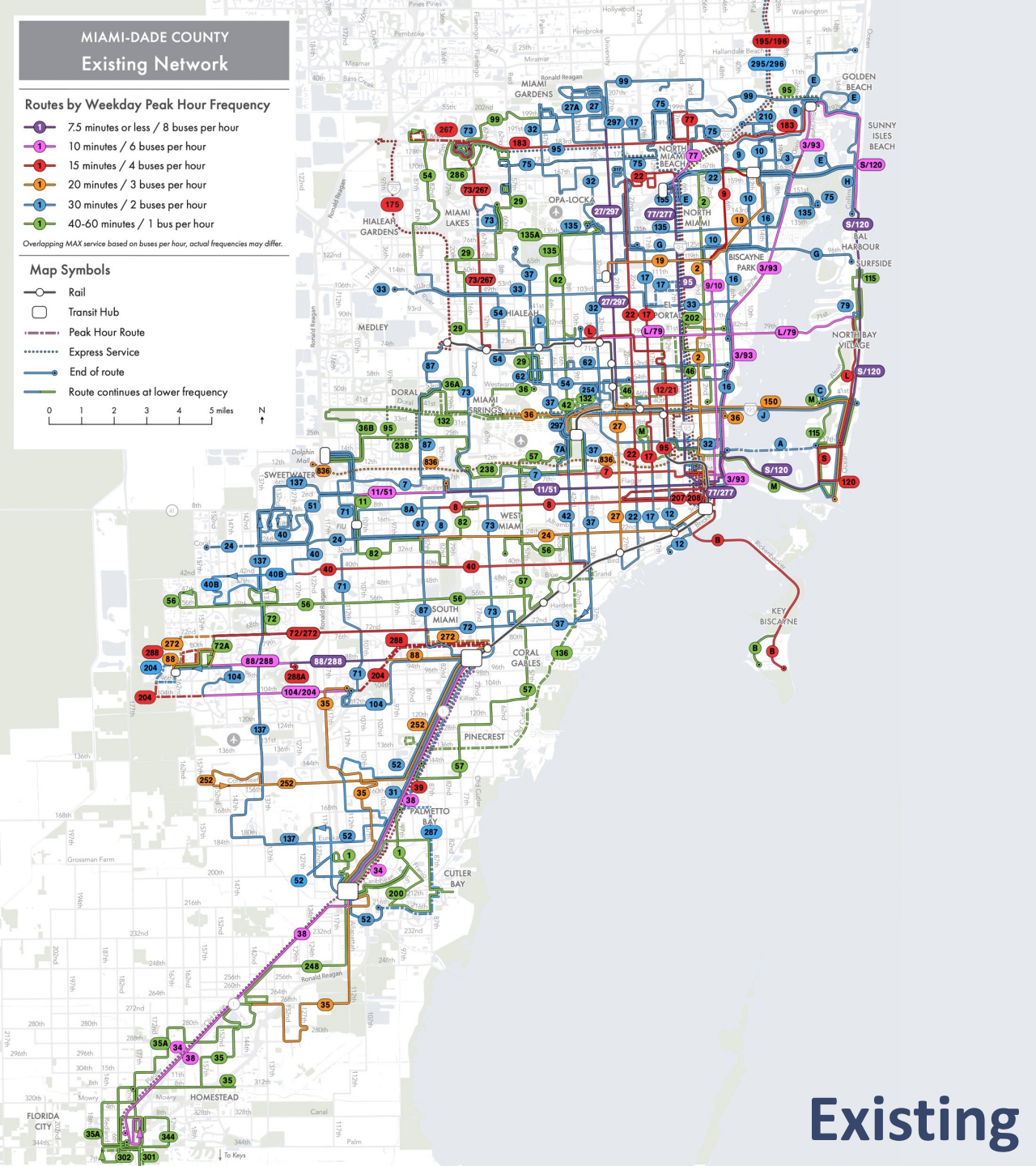


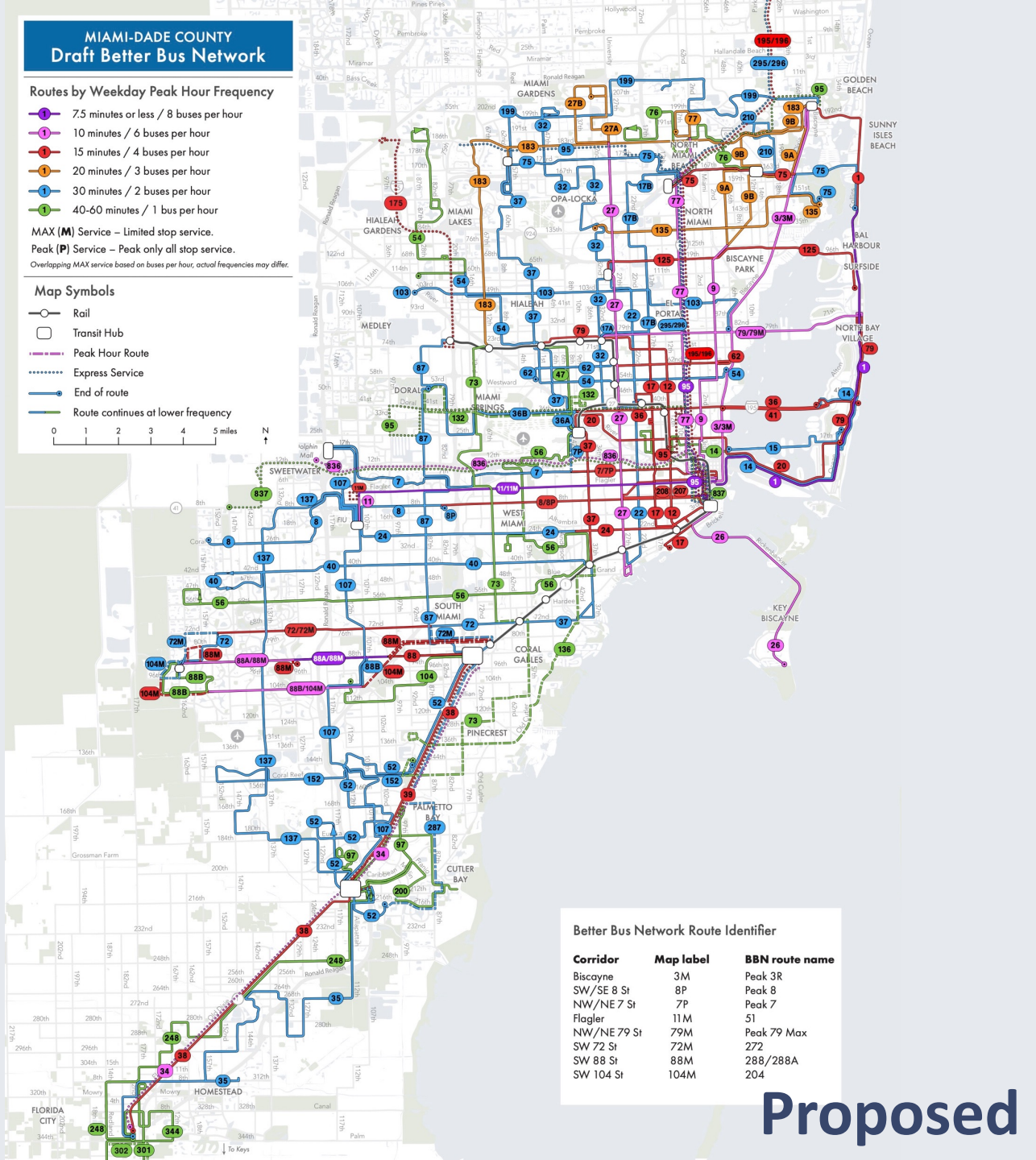
(From >1,800 transit user respondents)



DENSITY ANALYSIS

- low-income
- zero-car household
- senior
- racial
- residential
- jobs
- activity



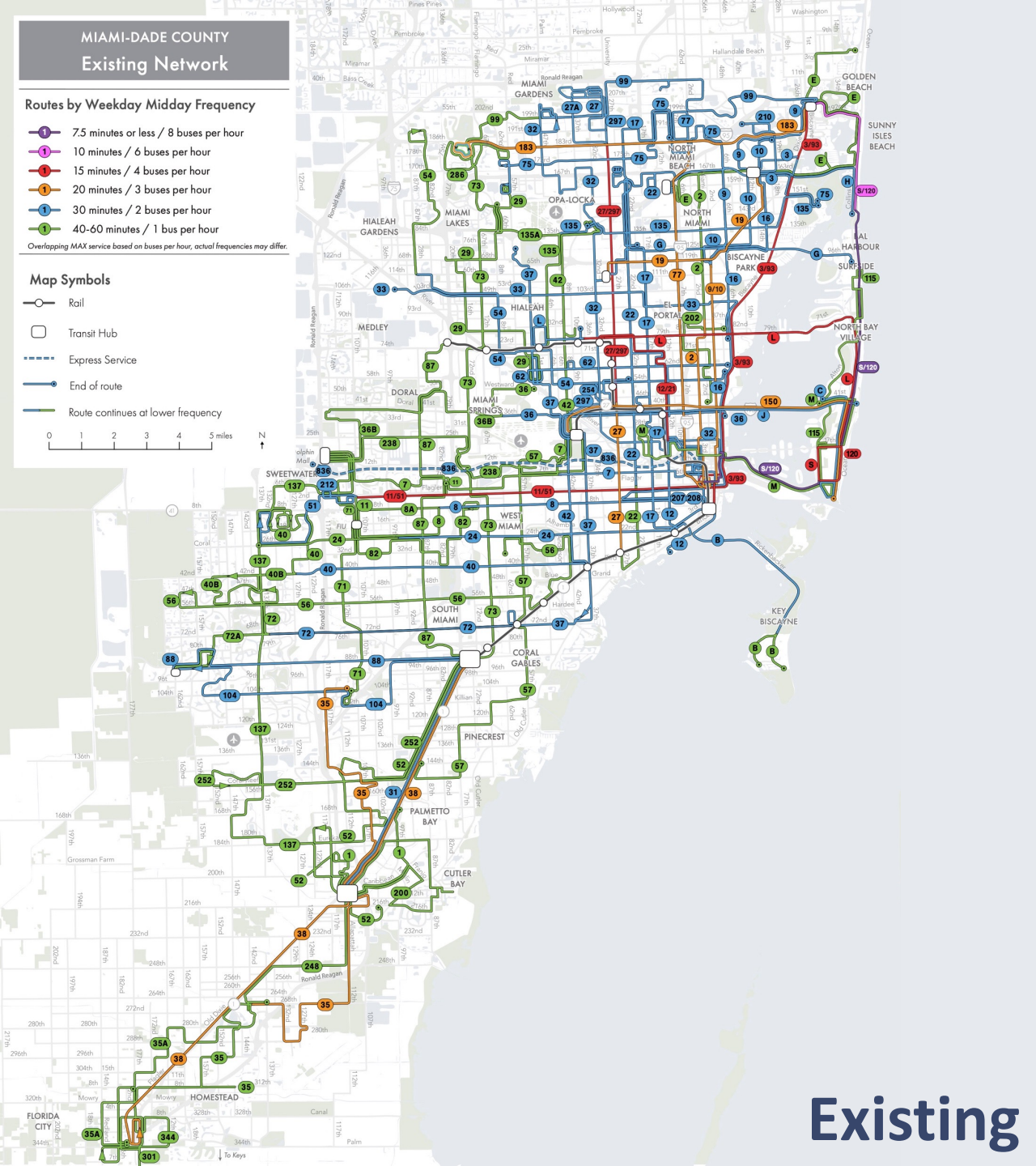


Better Bus Network Route Identifier

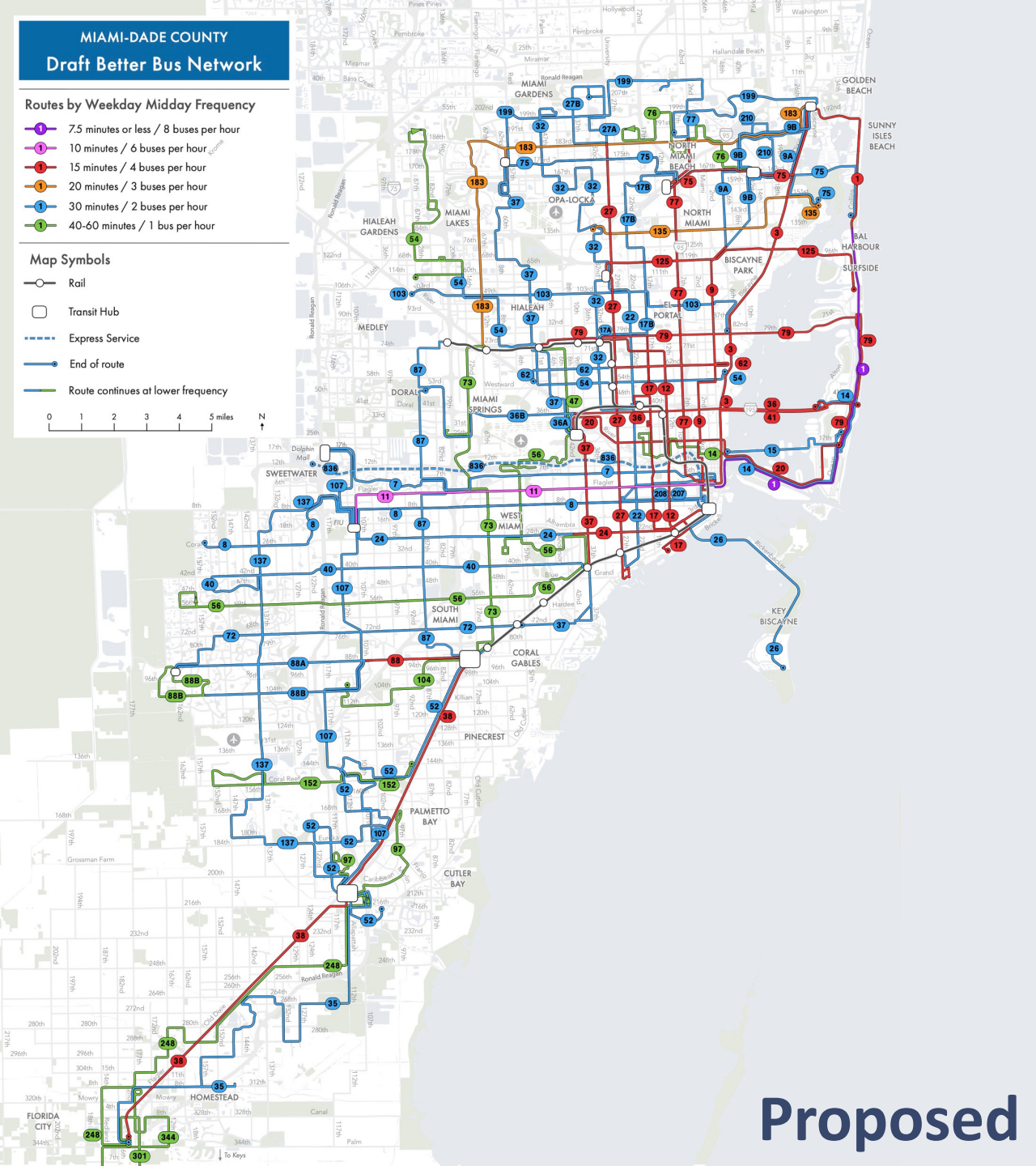
Corridor	Map label	BBN route name
Biscayne	3M	Peak 3R
SW/SE 8 St	8P	Peak 8
NW/NE 7 St	7P	Peak 7
Flagler	11M	51
NW/NE 79 St	79M	Peak 79 Max
SW 72 St	72M	272
SW 88 St	88M	288/288A
SW 104 St	104M	204

Existing

Proposed



Existing



Proposed

KEY IMPROVEMENTS

- Direct connection from Government Center to Miami Beach every 7.5 minutes all day
- 15-minute all day frequency on north/south corridors such as 37th Avenue, 27th Avenue, 17th Avenue, NW 2nd Avenue (up to 54th Street, NE 2nd Avenue, and Biscayne Boulevard
- 15-minute all day frequency on east/west corridors such as Coral Way, Flagler Street (10 minutes), N 20th Street, N 36th Street, N 62nd Street, 79th Street, 125th Street, and 163rd Street
- 20-minute all day service on NW 67th Avenue north of Okeechobee Station
- Maintaining service south of US 1 on both 37th Avenue and 57th Avenue (peak only)
- Maintaining coverage in South Dade and improving service on the Transitway

NEW FREQUENCIES AND SPANS

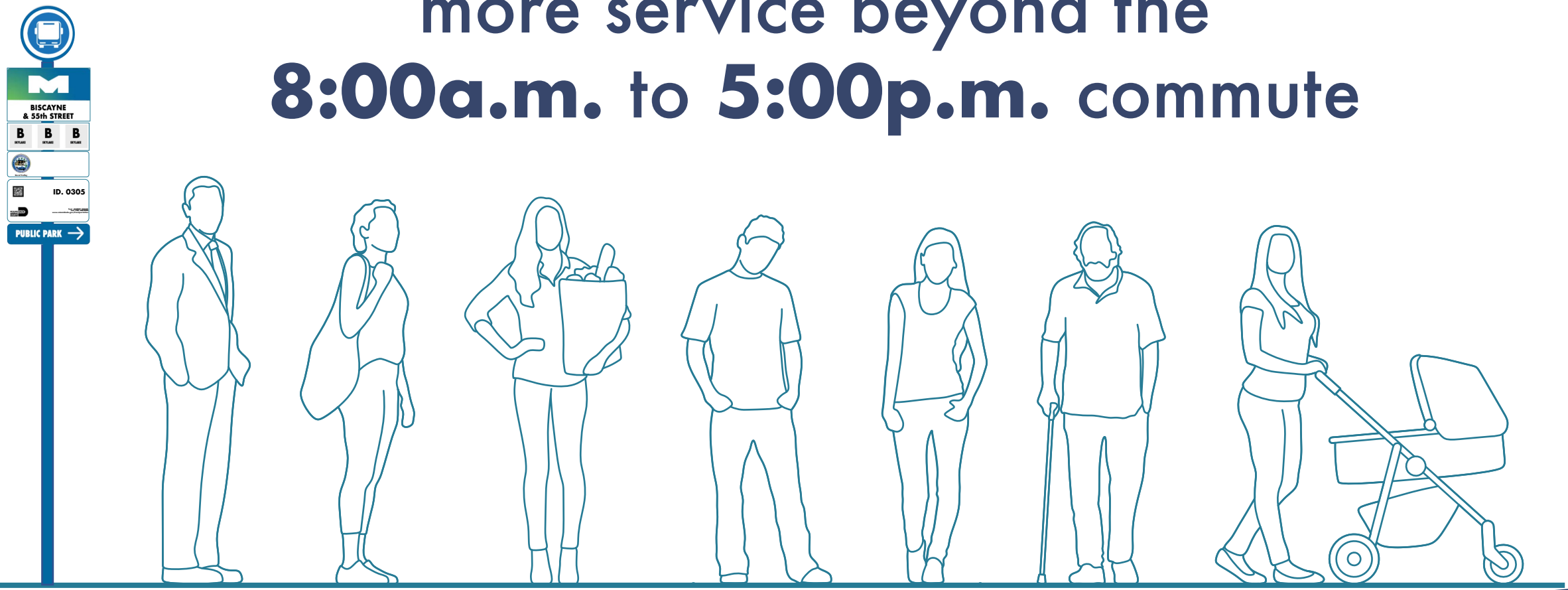
Consistent Frequency of Service All-Day

- Frequent Service
- Better Midday and Weekend Service
- Longer operator runs

Better Bus Network

MIAMI-DADE COUNTY

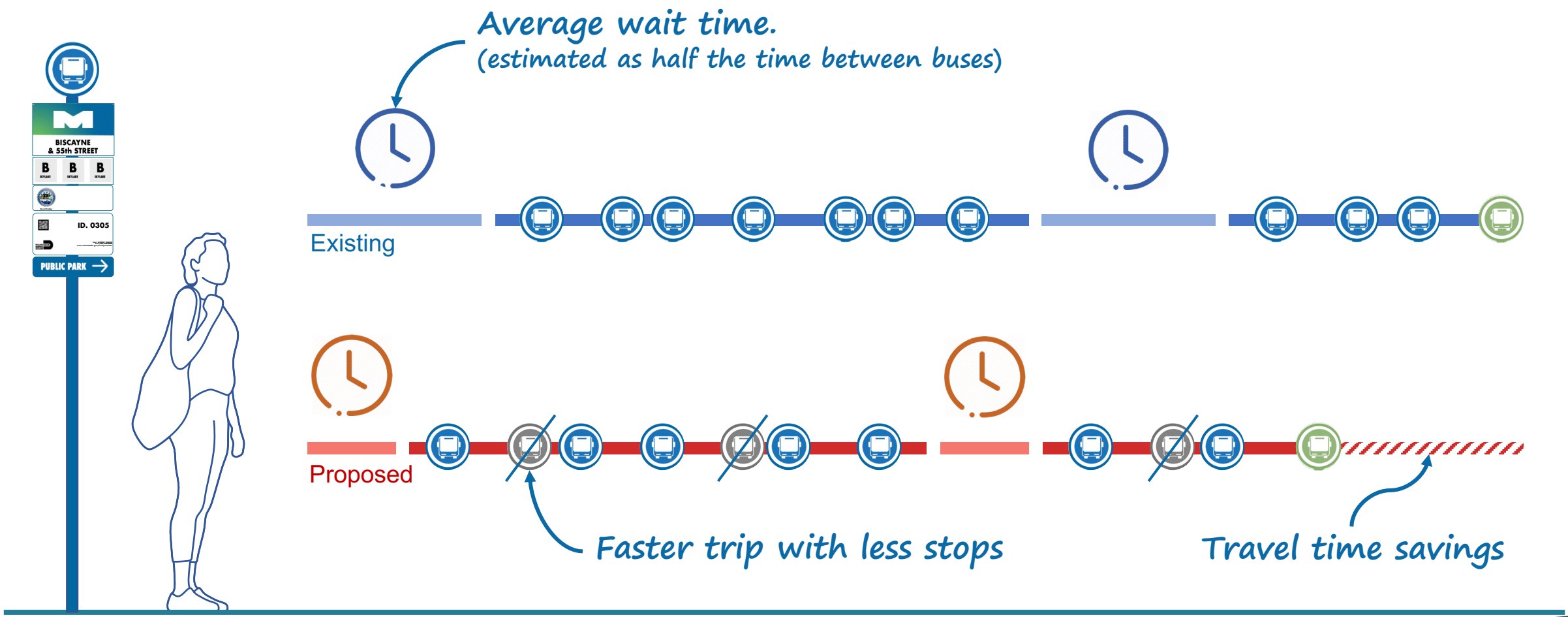
more service beyond the **8:00a.m.** to **5:00p.m.** commute



Better Bus Network

MIAMI-DADE COUNTY

FASTER JOURNEYS



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STOP SPACING

260 ft

Ruler

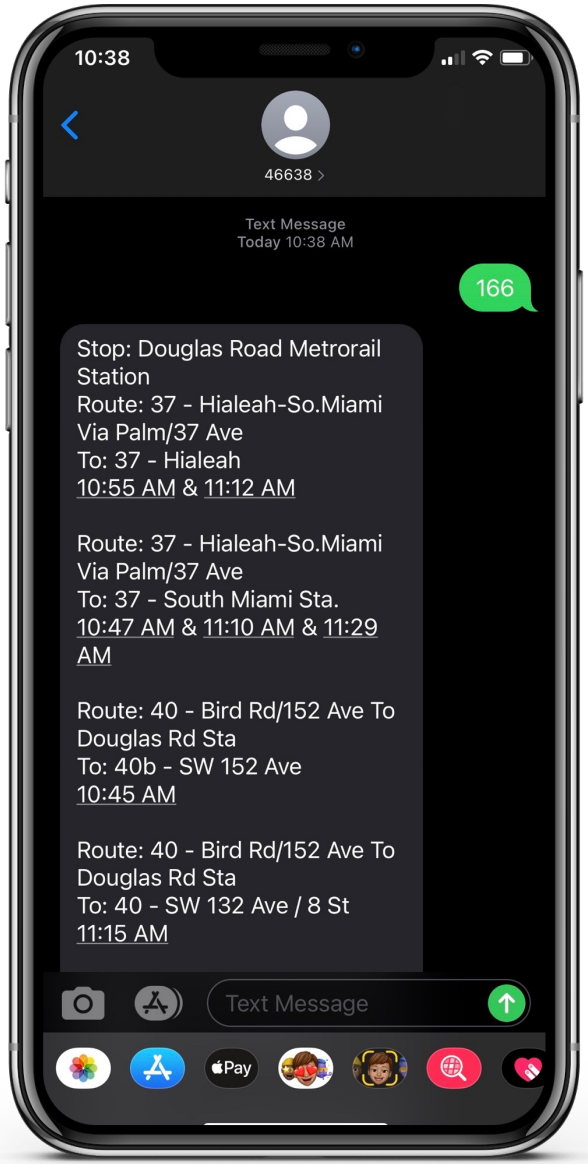
Path Polygon Circle 3D path 3D polygon

Measure the distance between two points on the ground

Map Length:	262.68	Feet
Ground Length:	262.68	
Heading:	177.65 degrees	

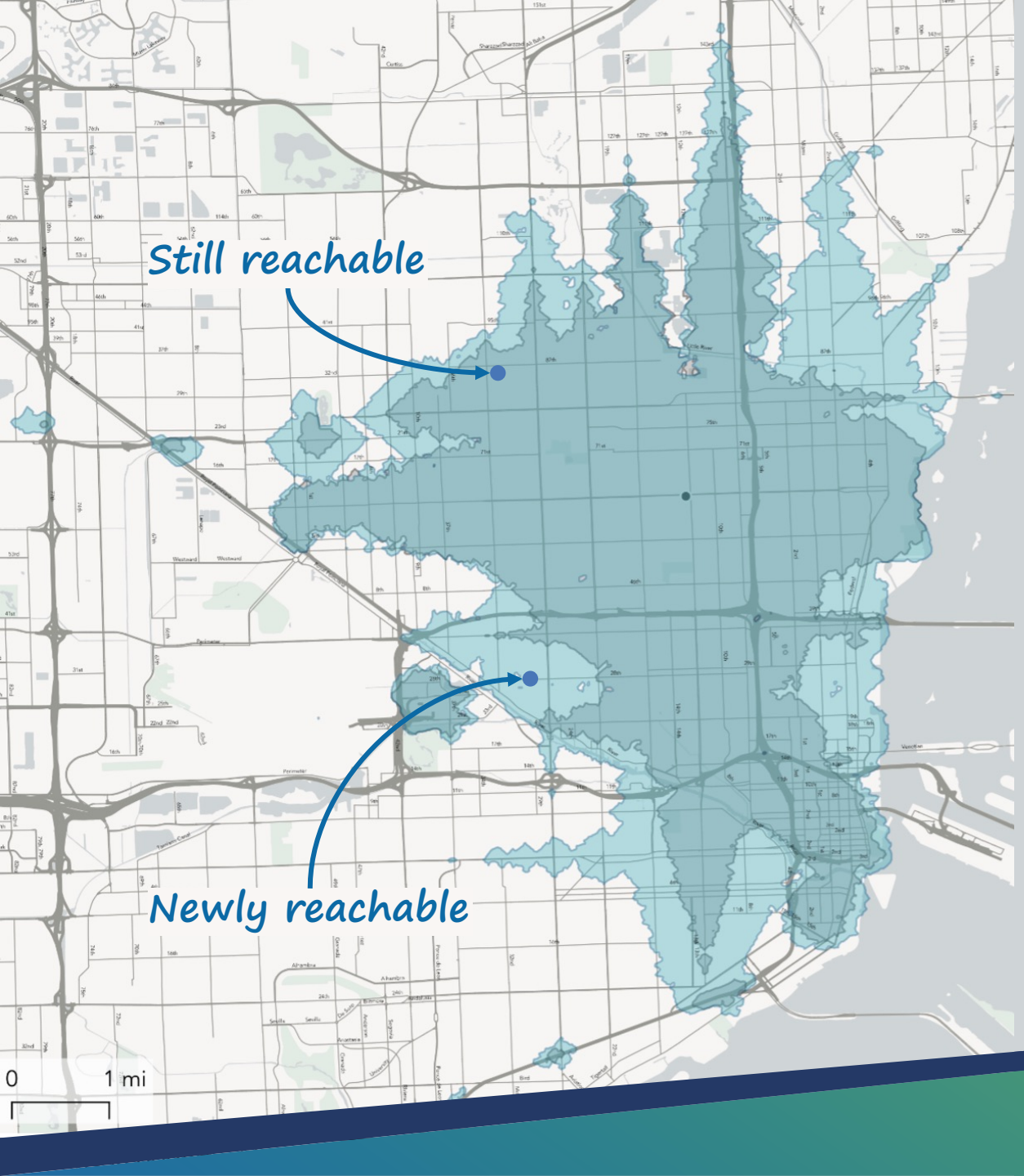
Better Bus Network

MIAMI-DADE COUNTY



GO MIAMI-DADE TRANSIT (MDT) TEXTS

- Metrobus riders can access real-time tracking information by texting their bus stop number to GOMDT (46638).
- There is also an interactive voice service available for riders that rather call.

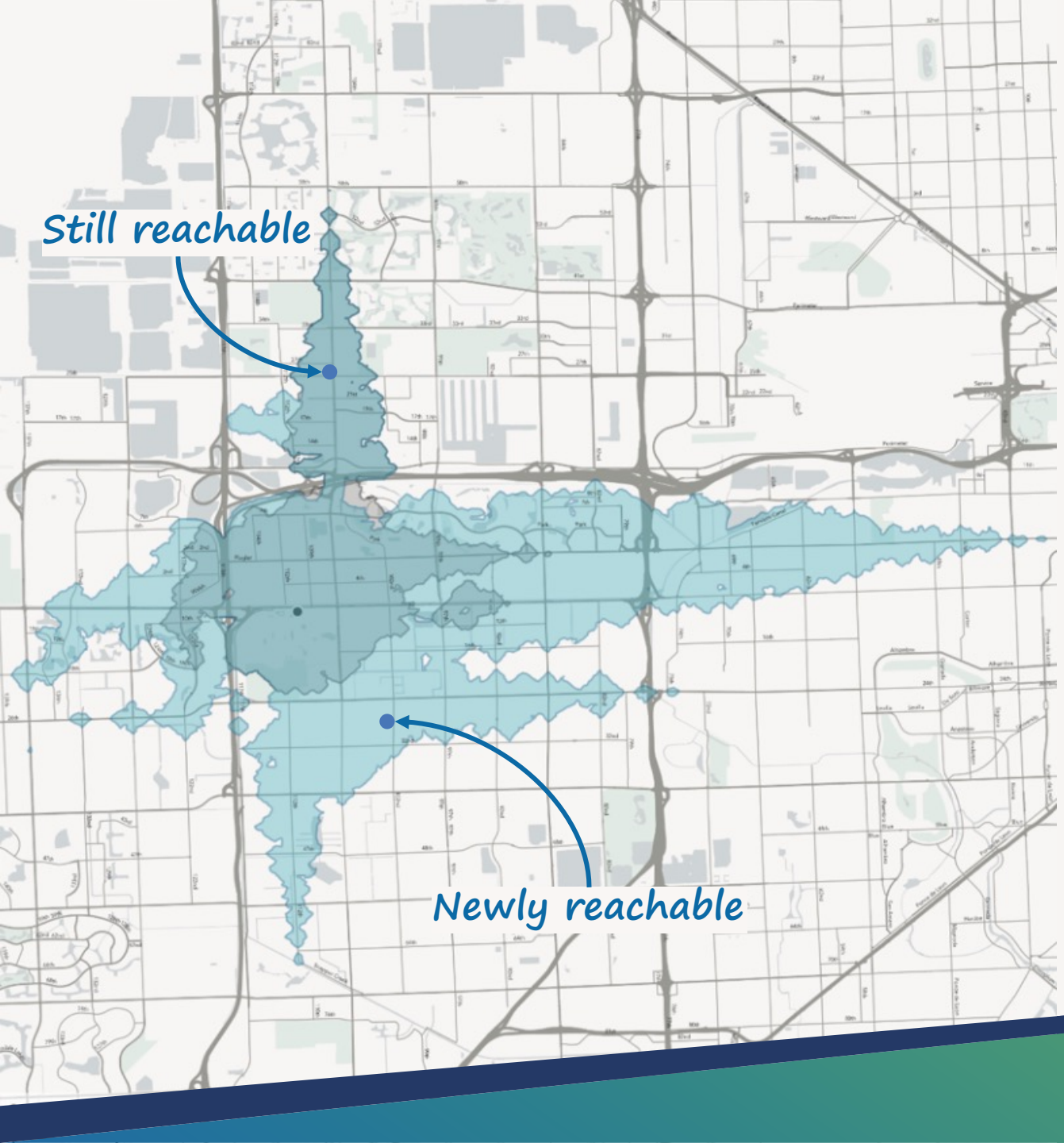


How far can I travel in **45 minutes** from **Liberty Square** at noon?

60% more jobs
50% more residents

Better Bus Network

MIAMI-DADE COUNTY

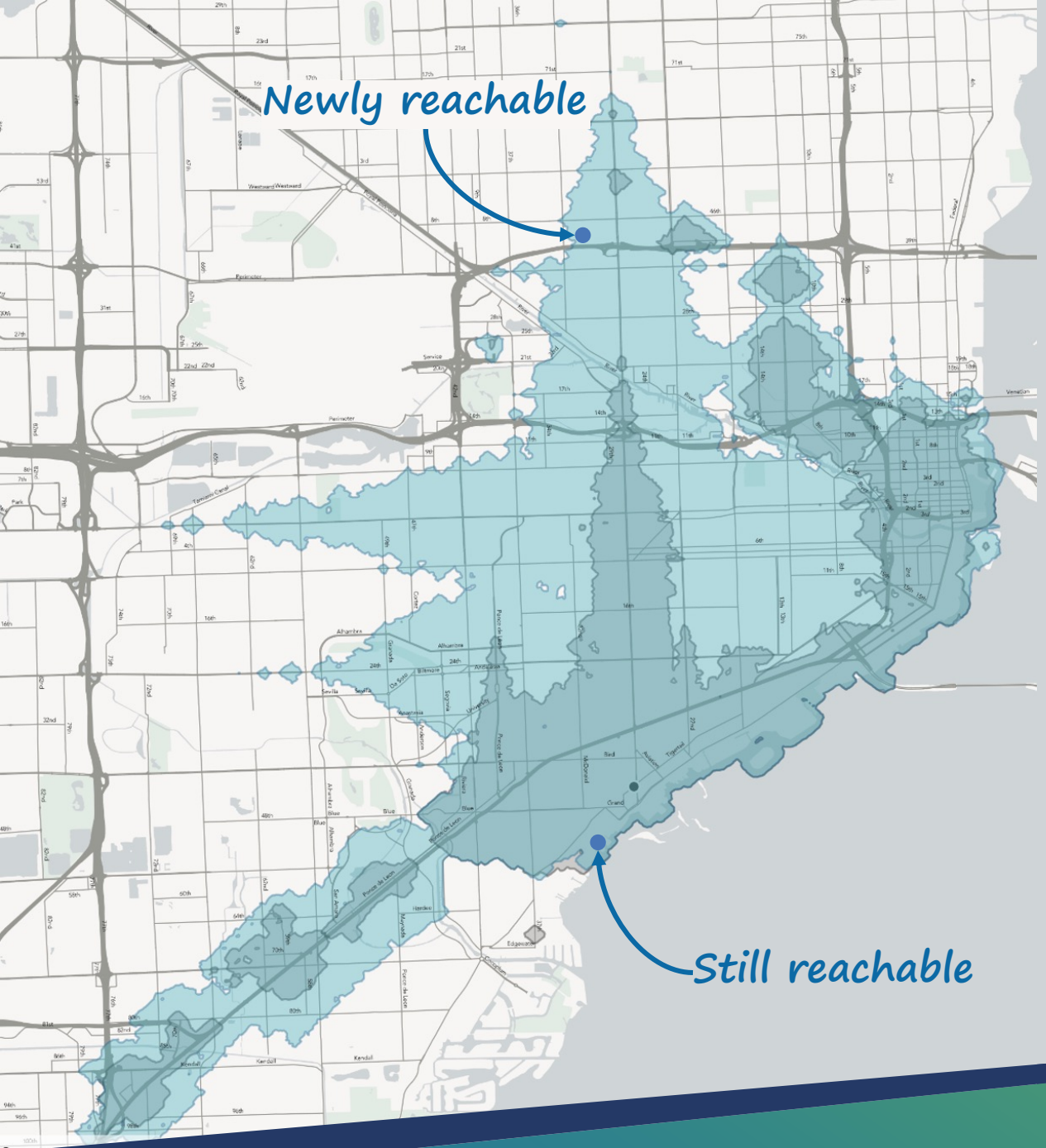


How far can I travel in **45 minutes** from **Florida International University** at noon?

95% more jobs
220% more residents

Better Bus Network

MIAMI-DADE COUNTY

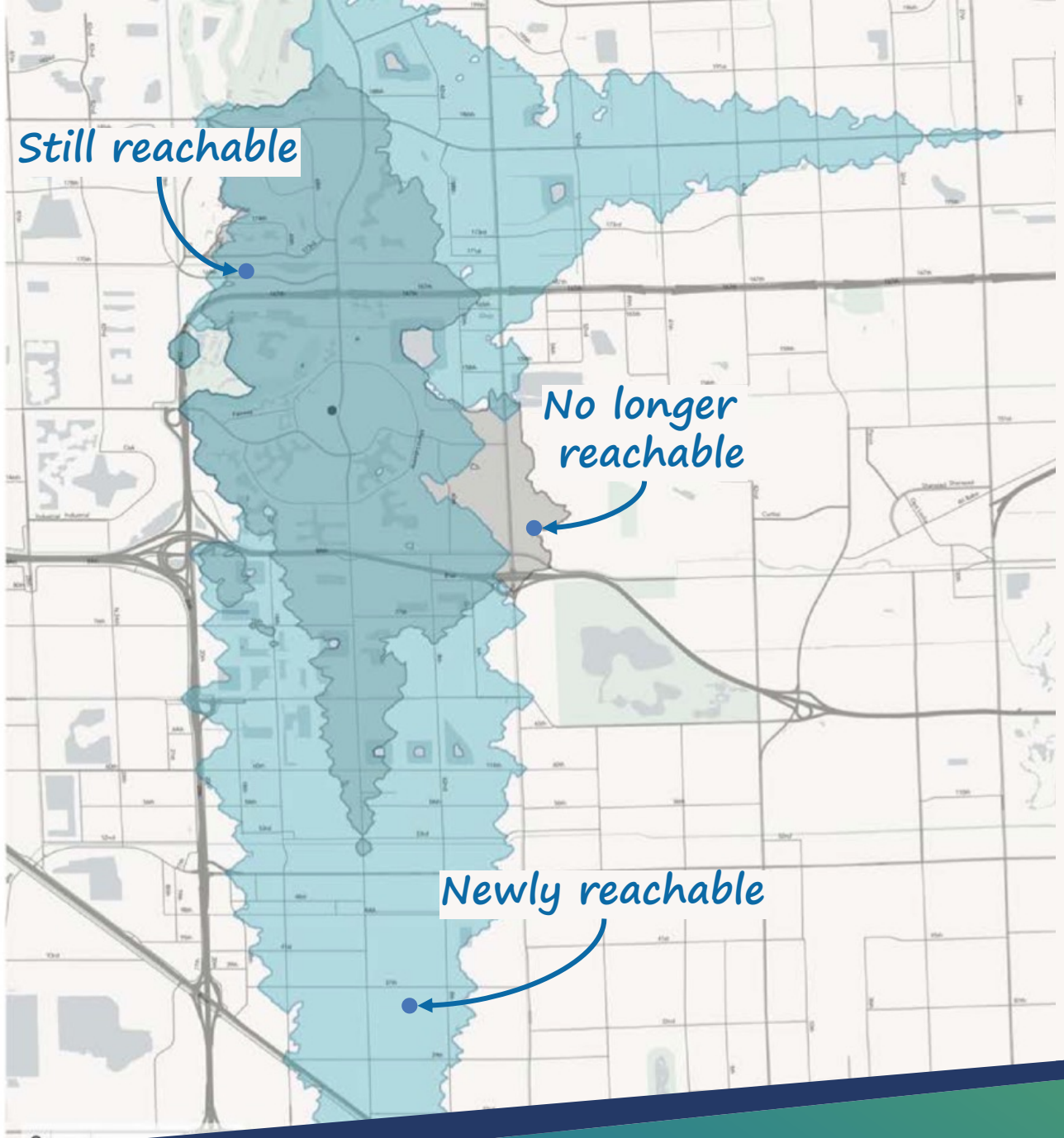


How far can I travel in **45 minutes** from **Coconut Grove** at noon?

60% more jobs
165% more residents

Better Bus Network

MIAMI-DADE COUNTY

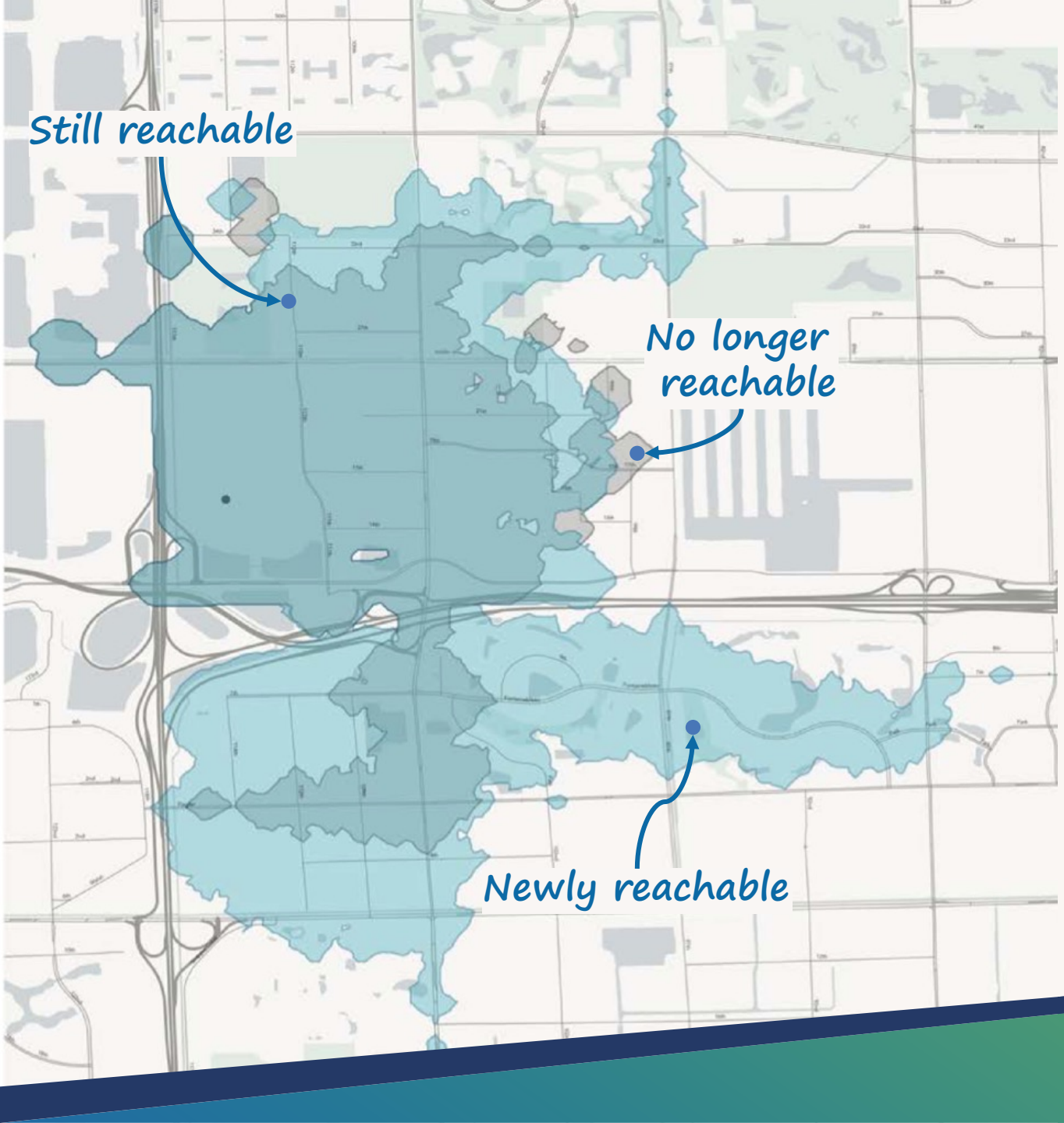


How far can I travel in **45 minutes** from **Miami Lakes Downtown** at noon?

120% more jobs
185% more residents

Better Bus Network

MIAMI-DADE COUNTY

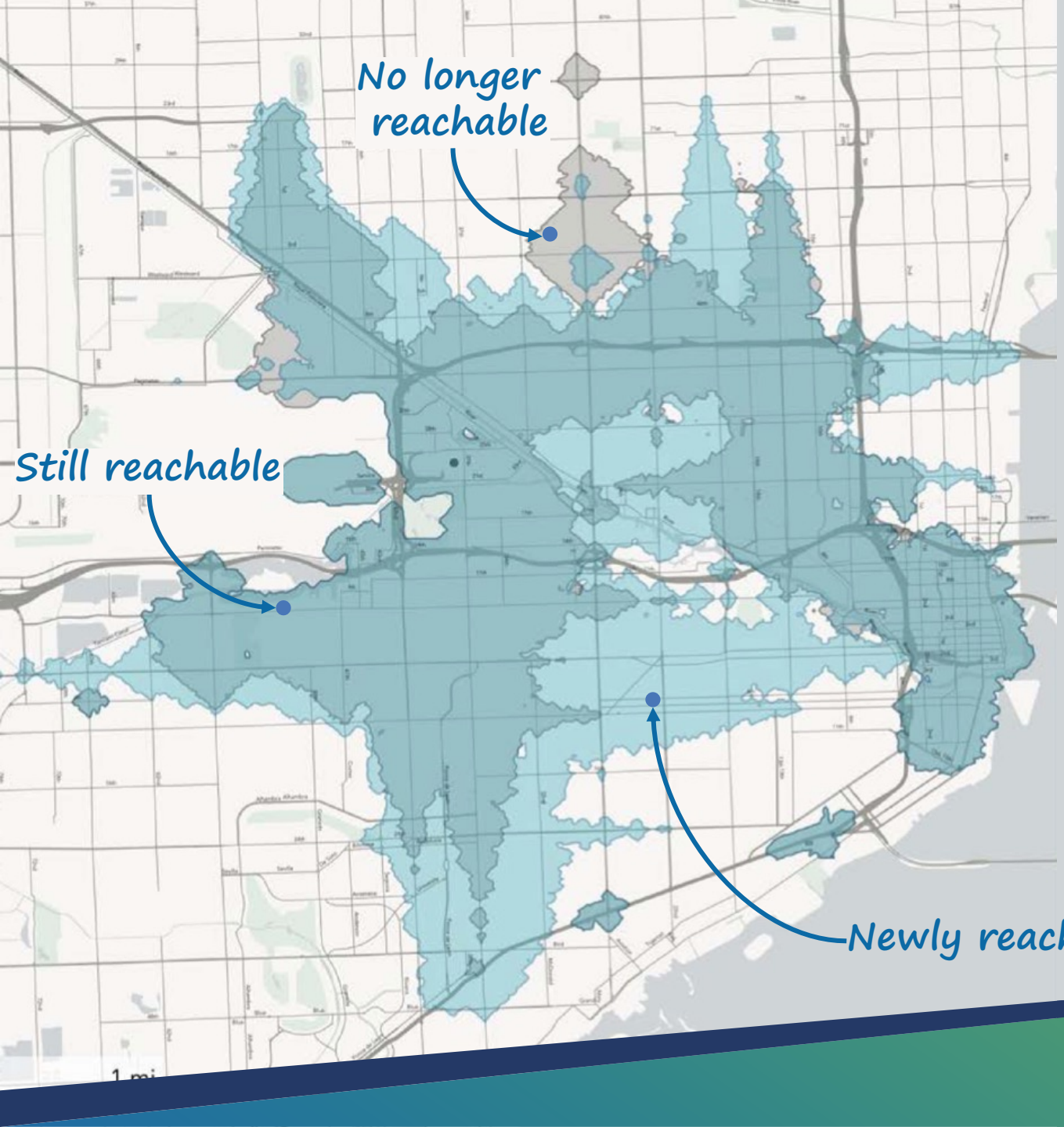


How far can I travel in **45 minutes** from **Dolphin Mall** at noon?

35% more jobs
360% more residents

Better Bus Network

MIAMI-DADE COUNTY

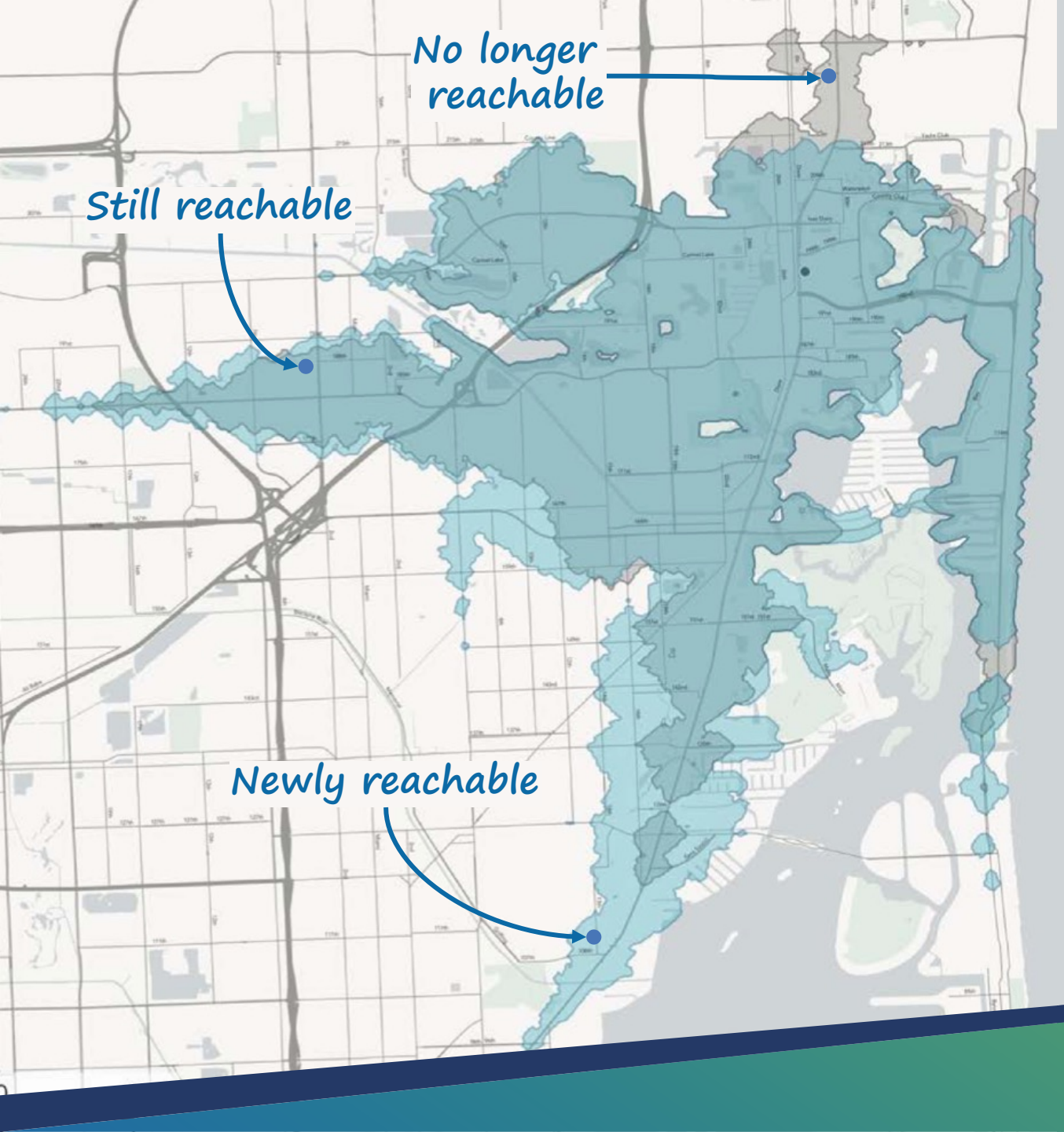


How far can I travel in **45 minutes** from **Miami Intermodal Center** at noon?

25% more jobs
60% more residents

Better Bus Network

MIAMI-DADE COUNTY

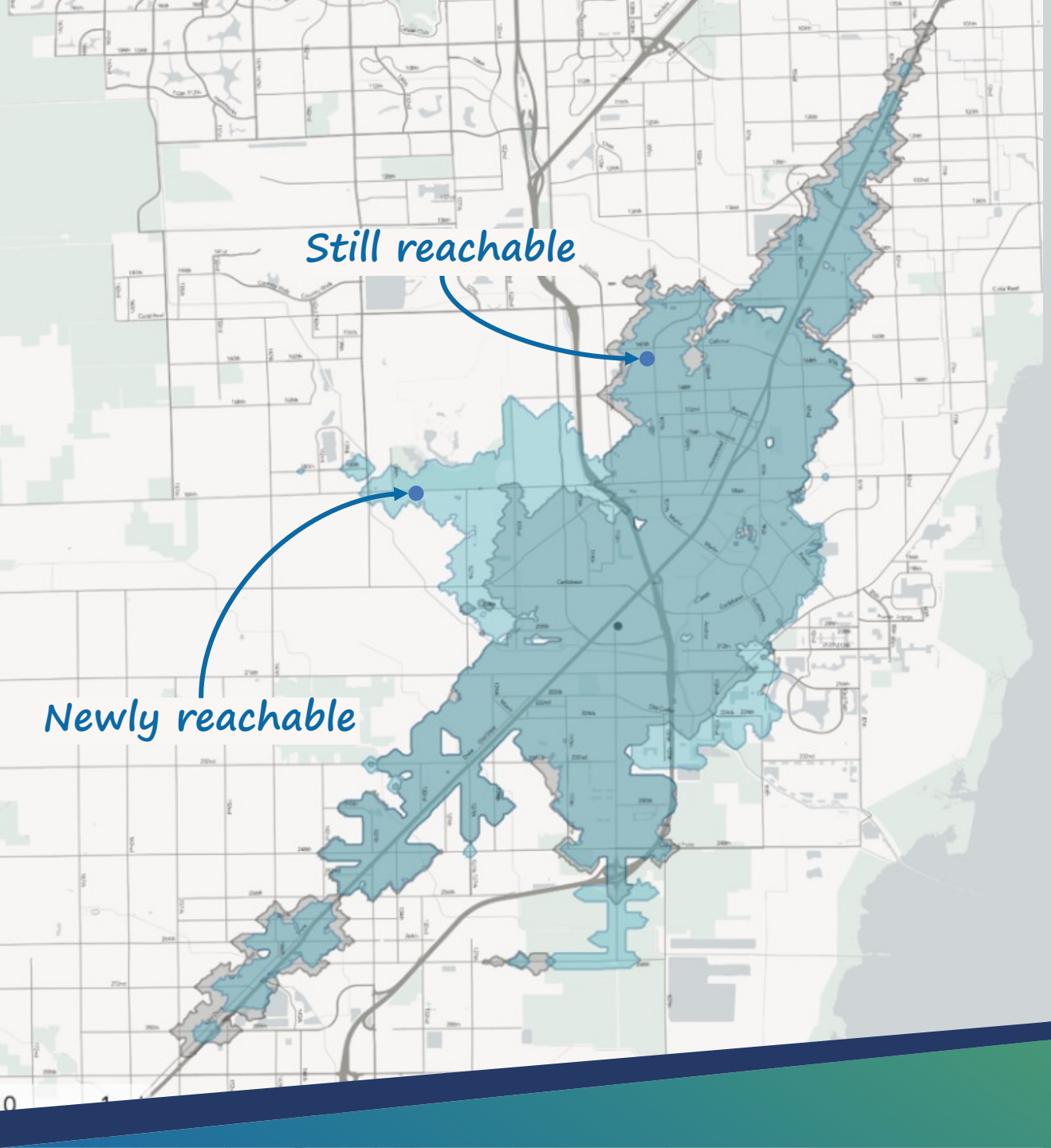


How far can I travel in **45 minutes** from **Aventura Mall** at noon?

15% more jobs
20% more residents

Better Bus Network

MIAMI-DADE COUNTY

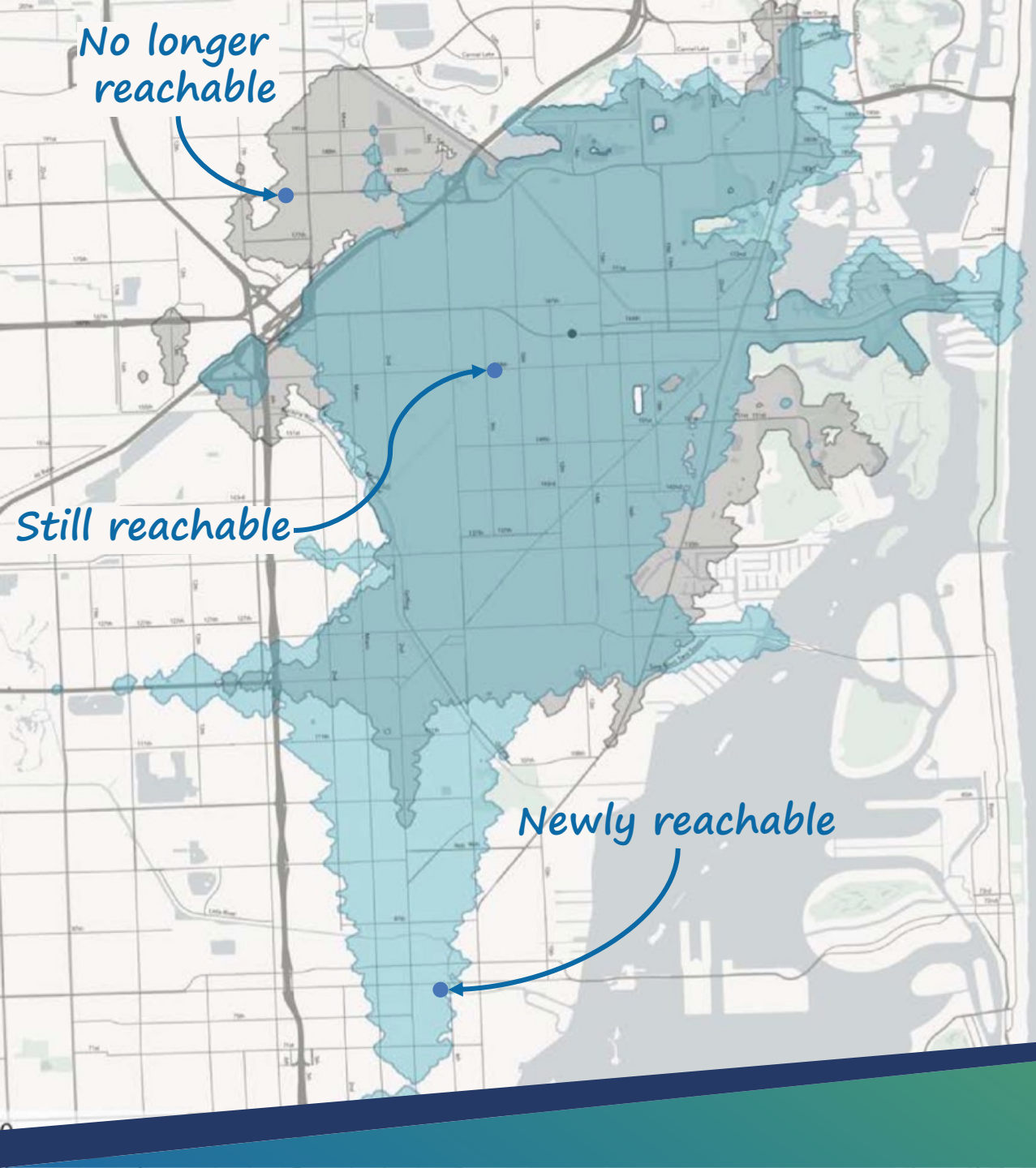


How far can I travel in **45 minutes** from **Southland Mall** at noon?

0% more jobs
10% more residents

Better Bus Network

MIAMI-DADE COUNTY

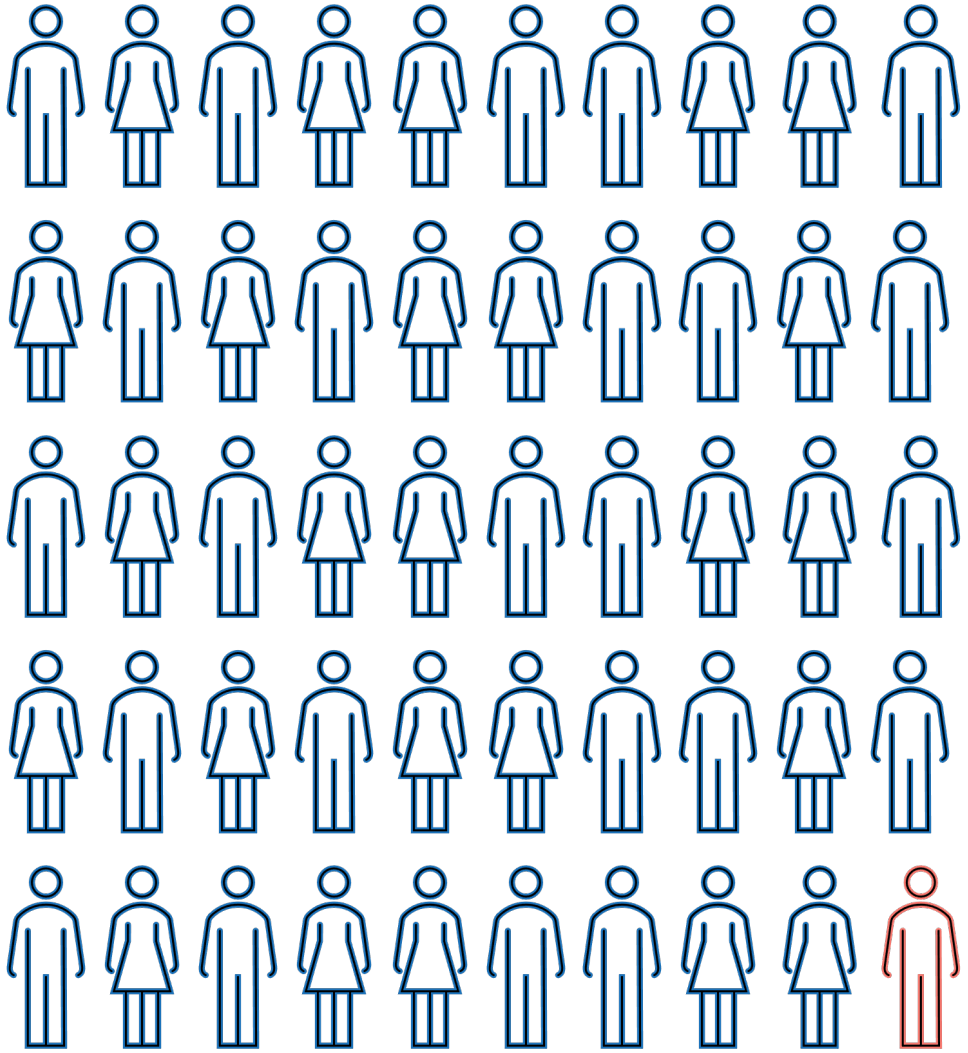


How far can I travel in **45 minutes** from **The Mall at 163rd Street** at noon?

15% more jobs
15% more residents

Better Bus Network

MIAMI-DADE COUNTY

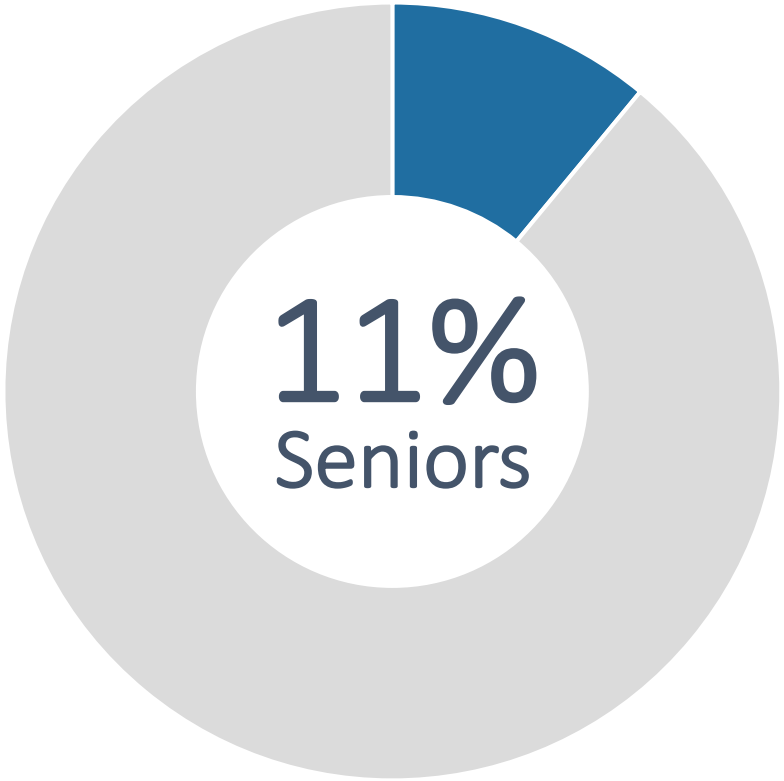


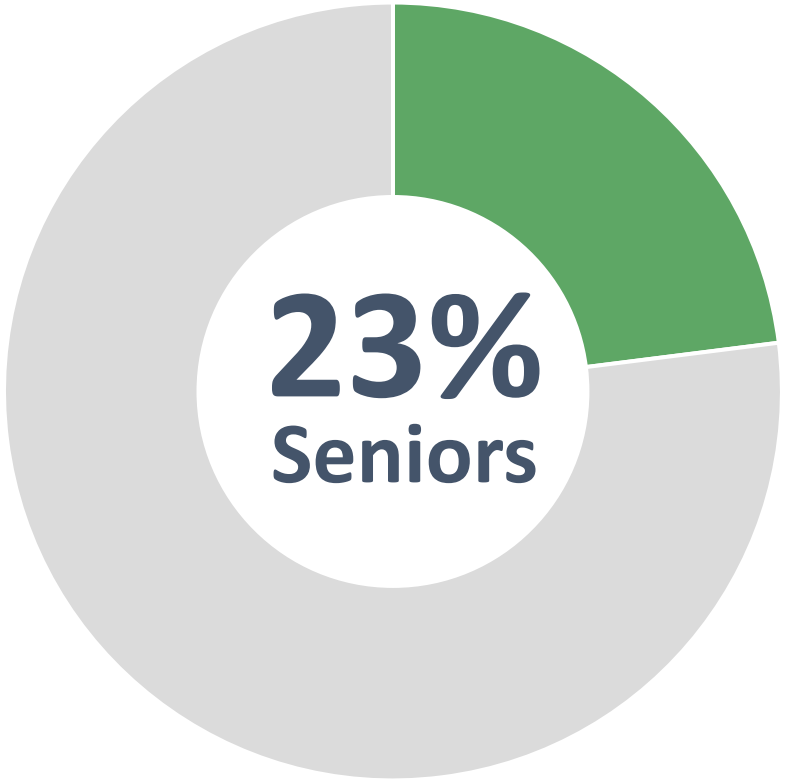
49 out of every 50 will have same or better transit service

Better Bus Network

MIAMI-DADE COUNTY

WHO HAS ACCESS TO HIGH FREQUENT SERVICE?





Existing

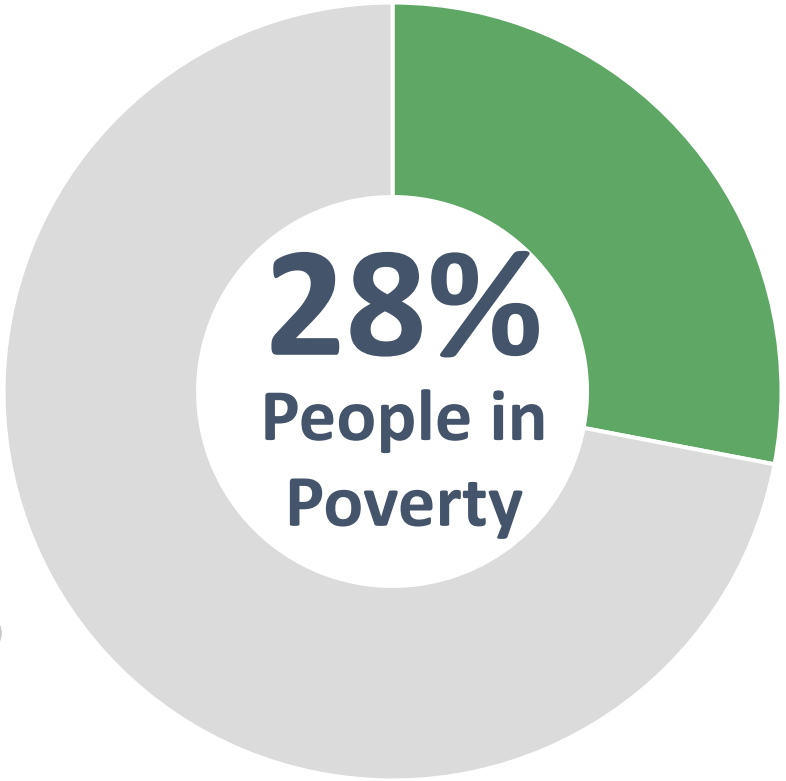
5-minute walk

Proposed

Better Bus Network

MIAMI-DADE COUNTY

WHO HAS ACCESS TO HIGH FREQUENT SERVICE?



Existing

5-minute walk

Proposed

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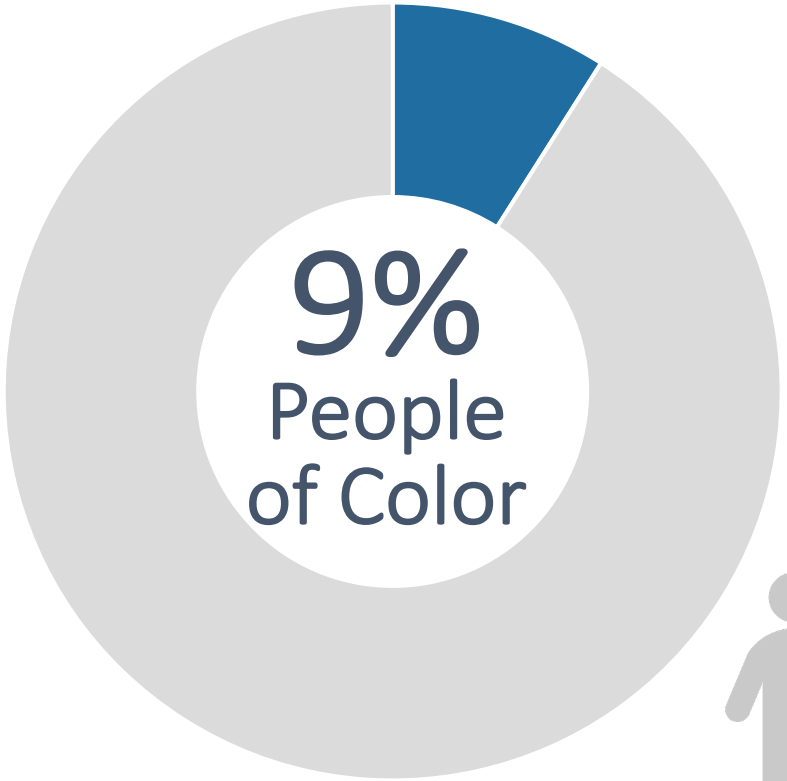
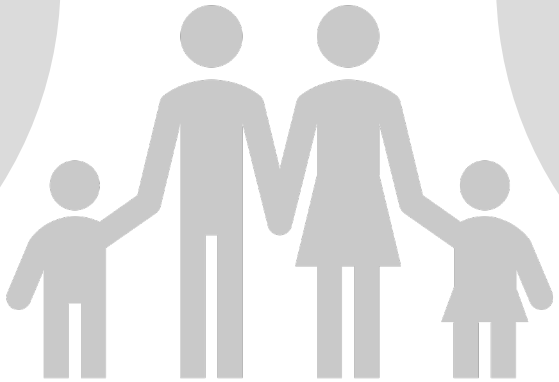
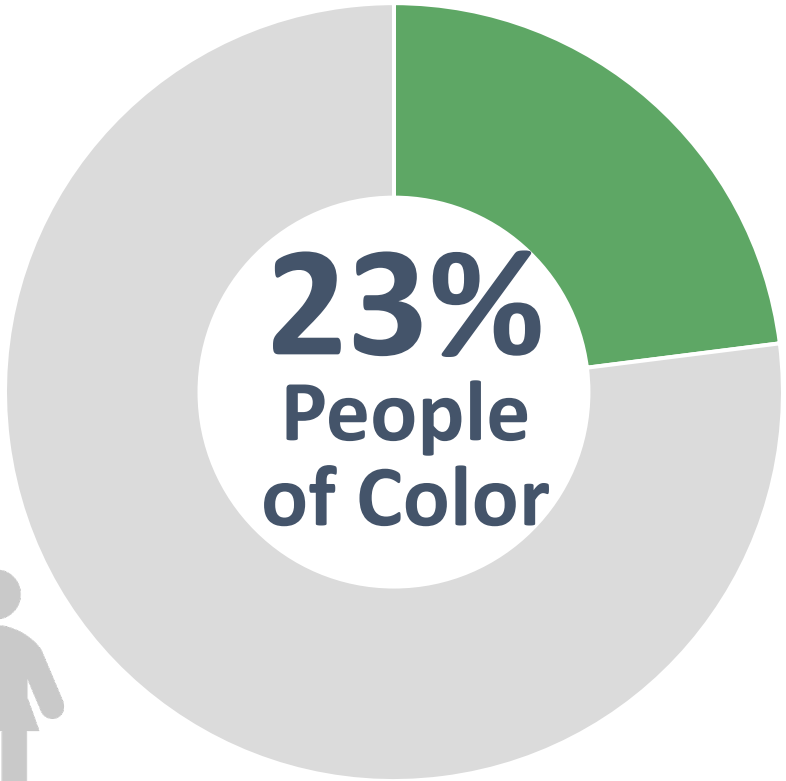






Existing

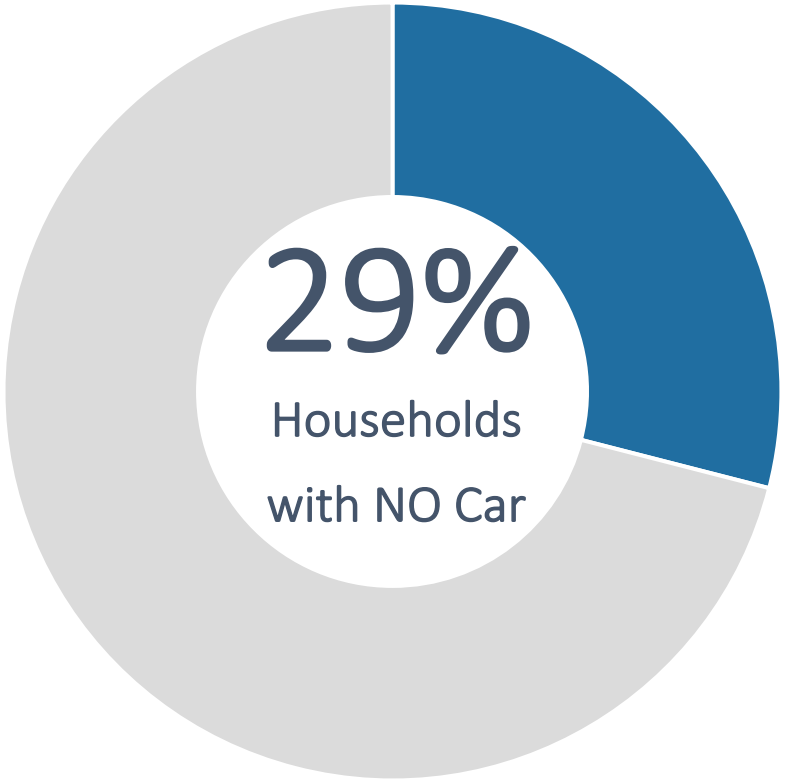
5-minute
walk

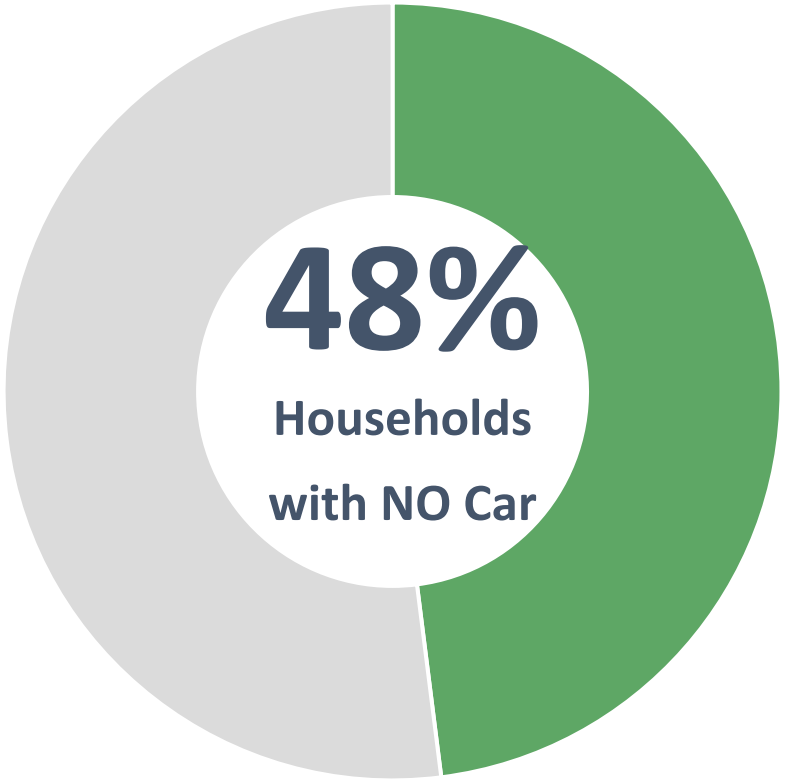
Proposed

Better Bus Network

MIAMI-DADE COUNTY

WHO HAS ACCESS TO HIGH FREQUENT SERVICE?





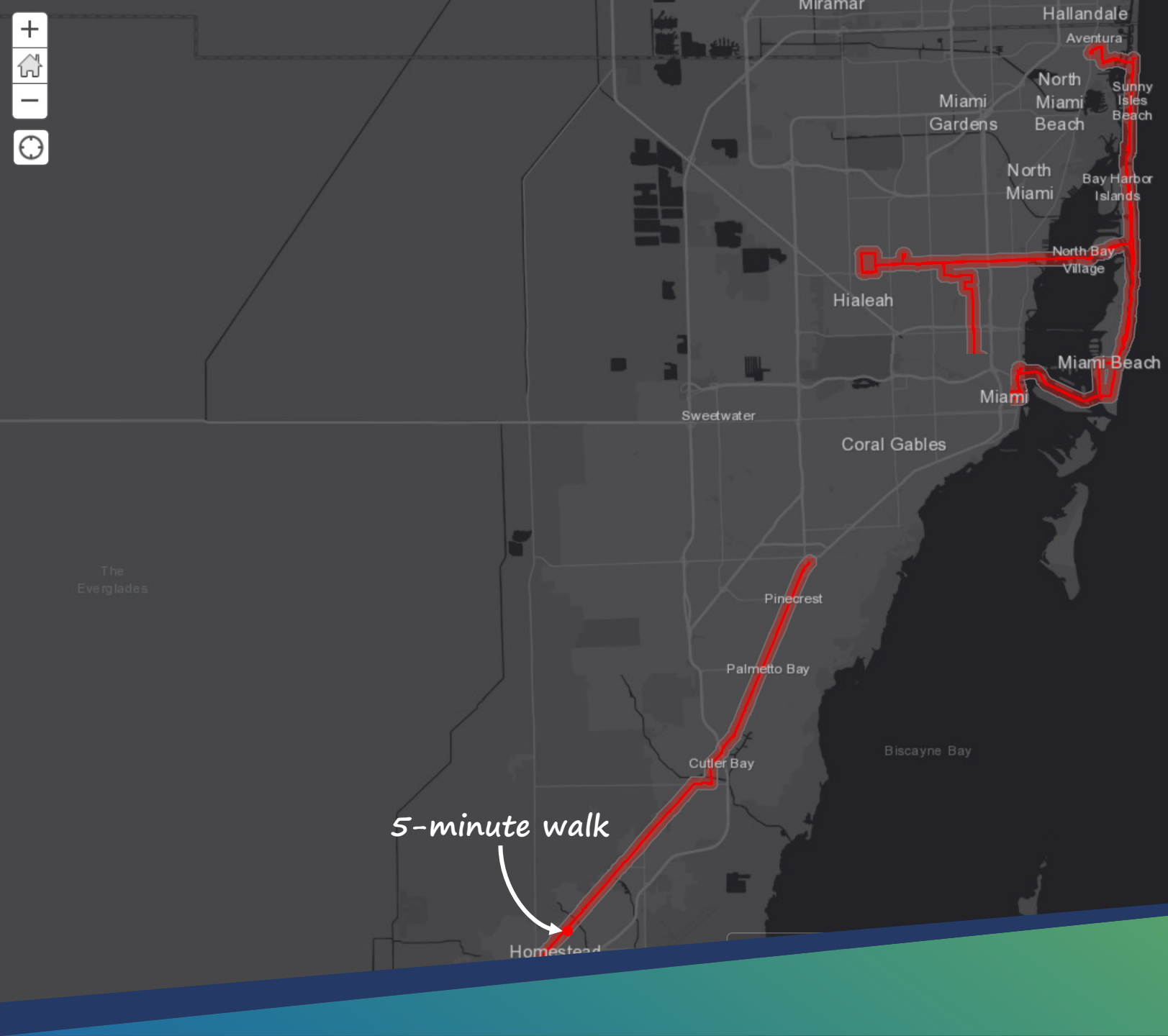
Existing

5-minute
walk

Proposed

Better
Bus
Network

MIAMI-DADE
COUNTY

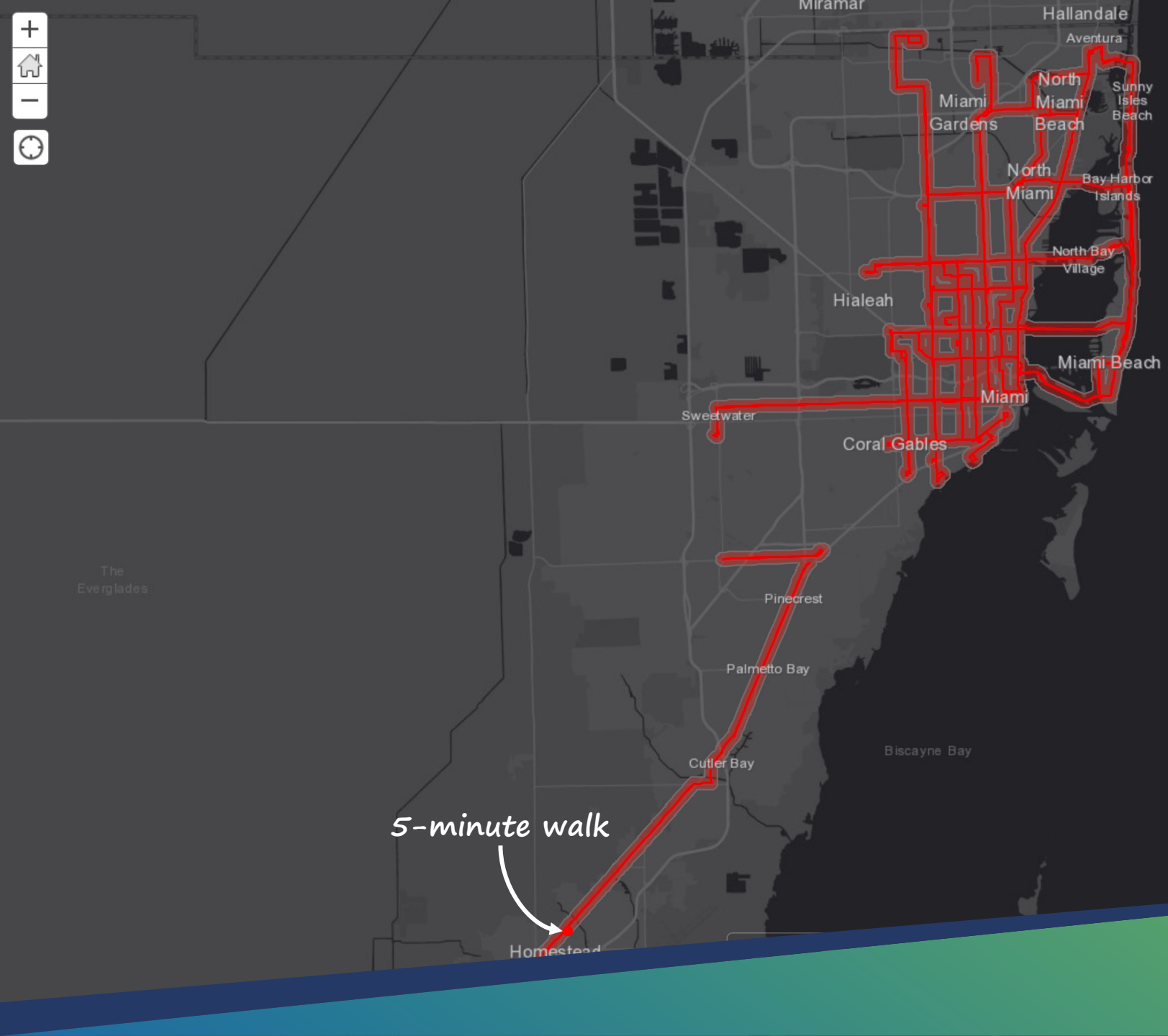


15mins

EXISTING FREQUENT CORRIDORS WITH A 0.25 MILE BUFFER

Better Bus Network

MIAMI-DADE COUNTY

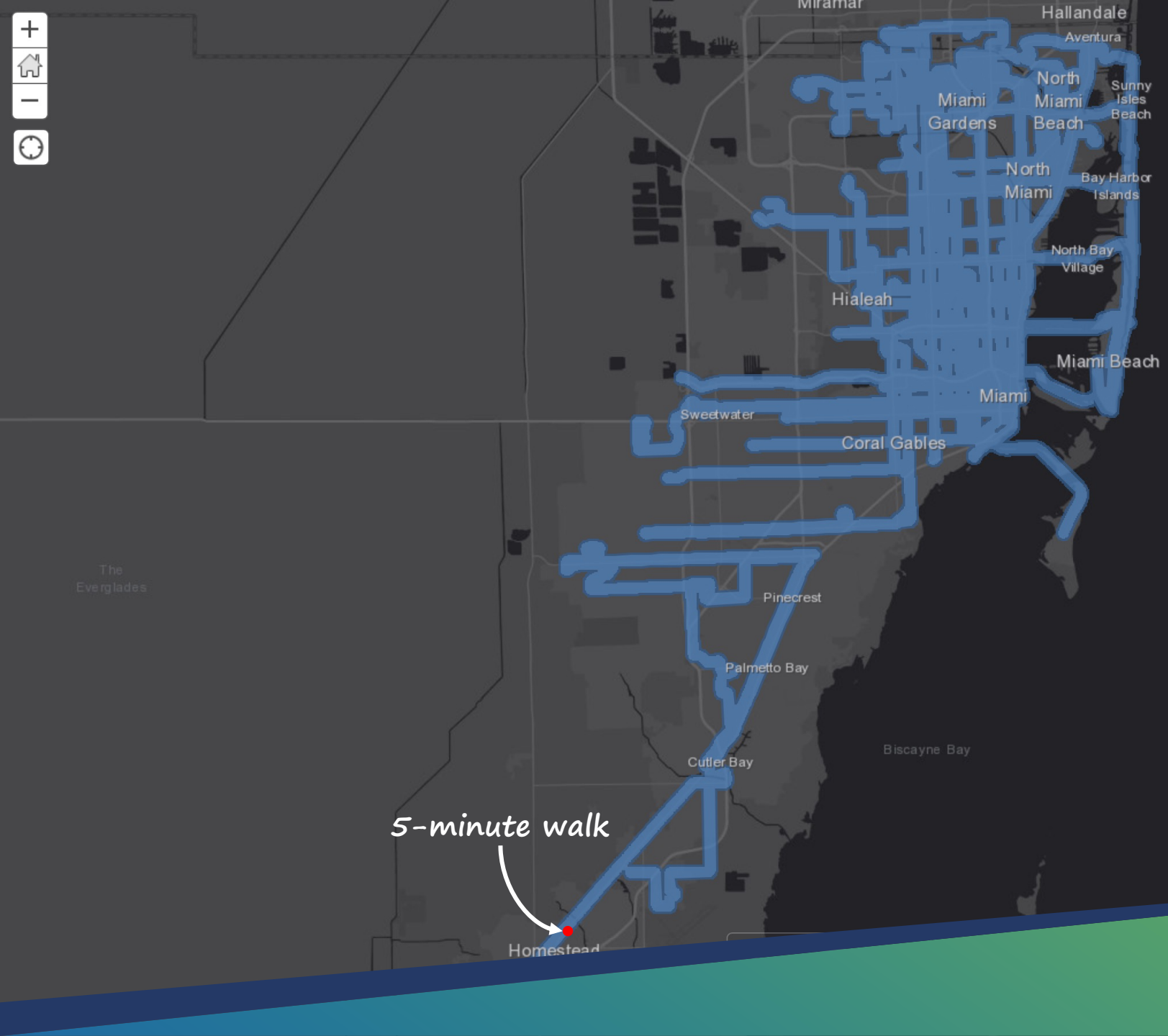


15mins

PROPOSED FREQUENT CORRIDORS WITH A 0.25 MILE BUFFER

Better Bus Network

MIAMI-DADE COUNTY

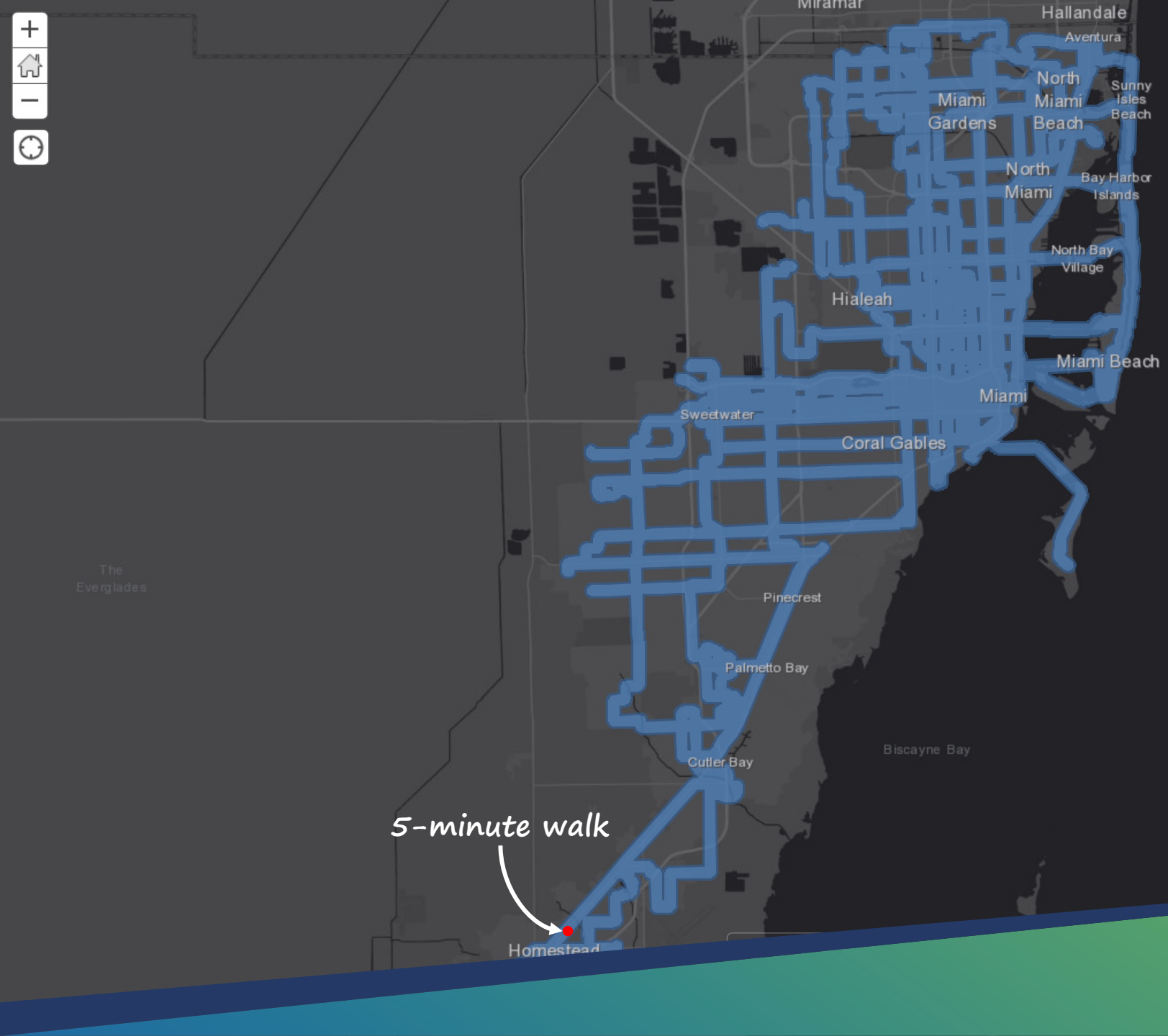


30mins

EXISTING FREQUENT CORRIDORS WITH A 0.25 MILE BUFFER

Better Bus Network

MIAMI-DADE COUNTY



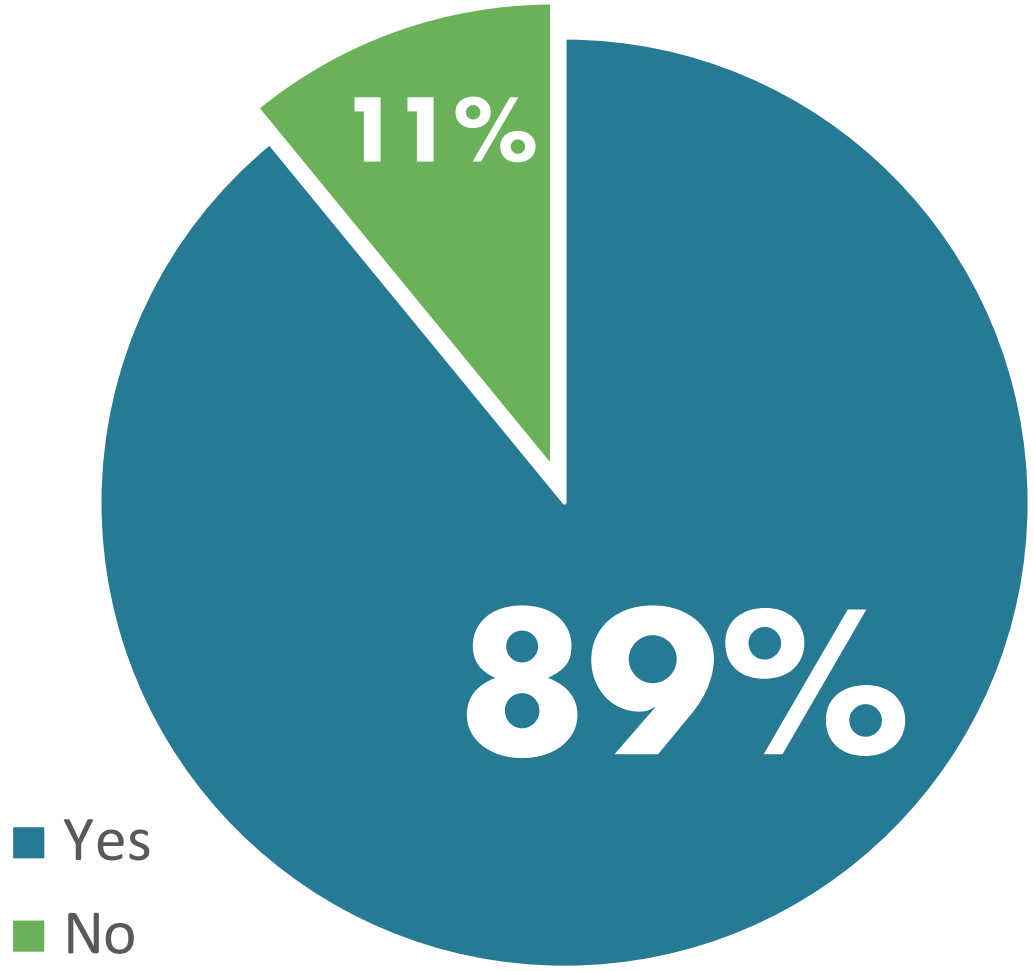
30mins

PROPOSED FREQUENT CORRIDORS WITH A 0.25 MILE BUFFER

Better Bus Network

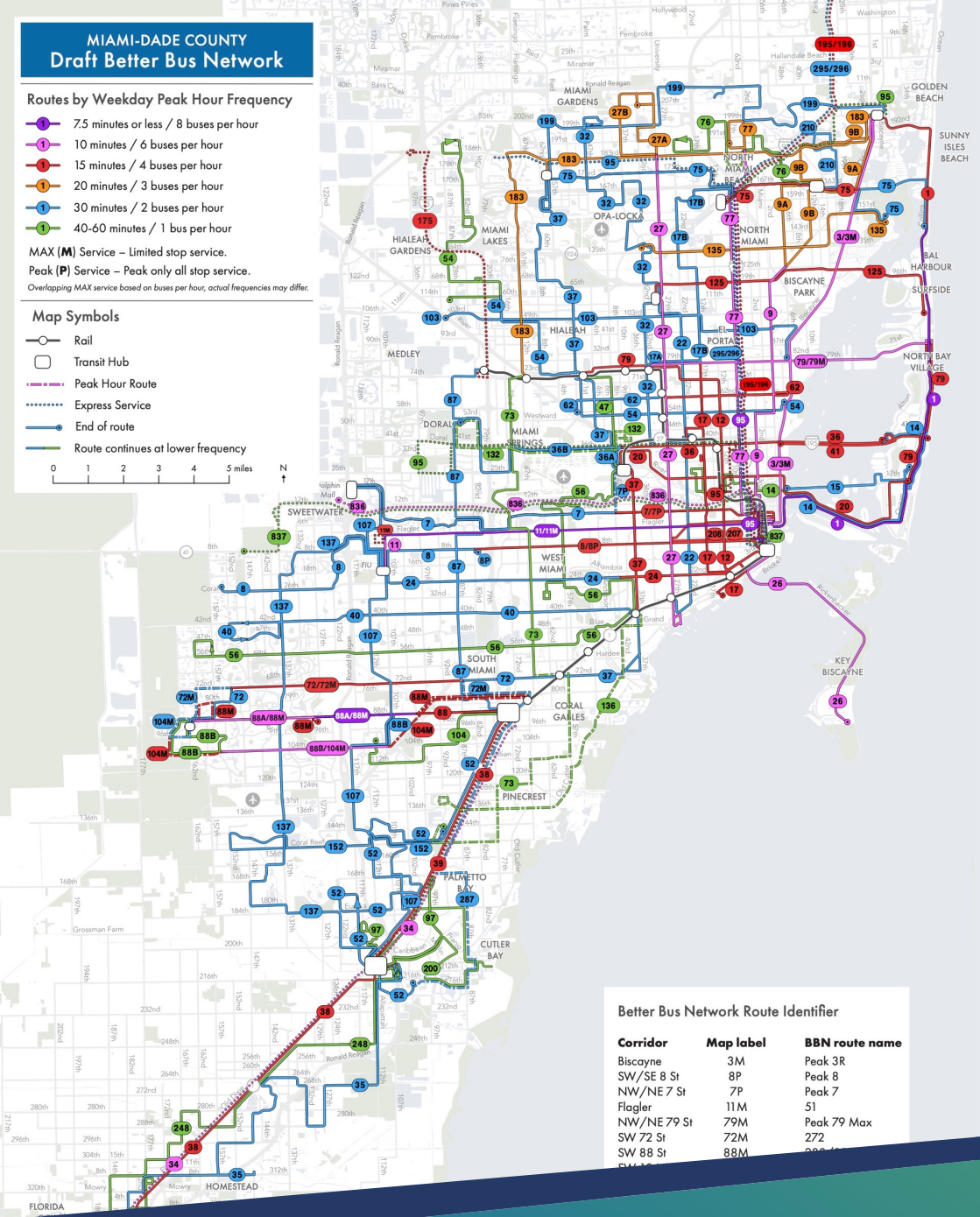
MIAMI-DADE COUNTY

2021 SURVEY RESULTS



Having reviewed the proposed Better Bus Network, would you like to see the changes implemented?

(From >1,800 transit user respondents)



BETTER BUS NETWORK

- All-day high frequency service in dense minority and low-income areas
- High frequency on all causeways
- Routes consolidated to reduce duplication, simplify, and improve service
- Bus stop consolidation to help speed up service
- Frequent service that runs later into the evening
- More accessibility to key locations throughout the County

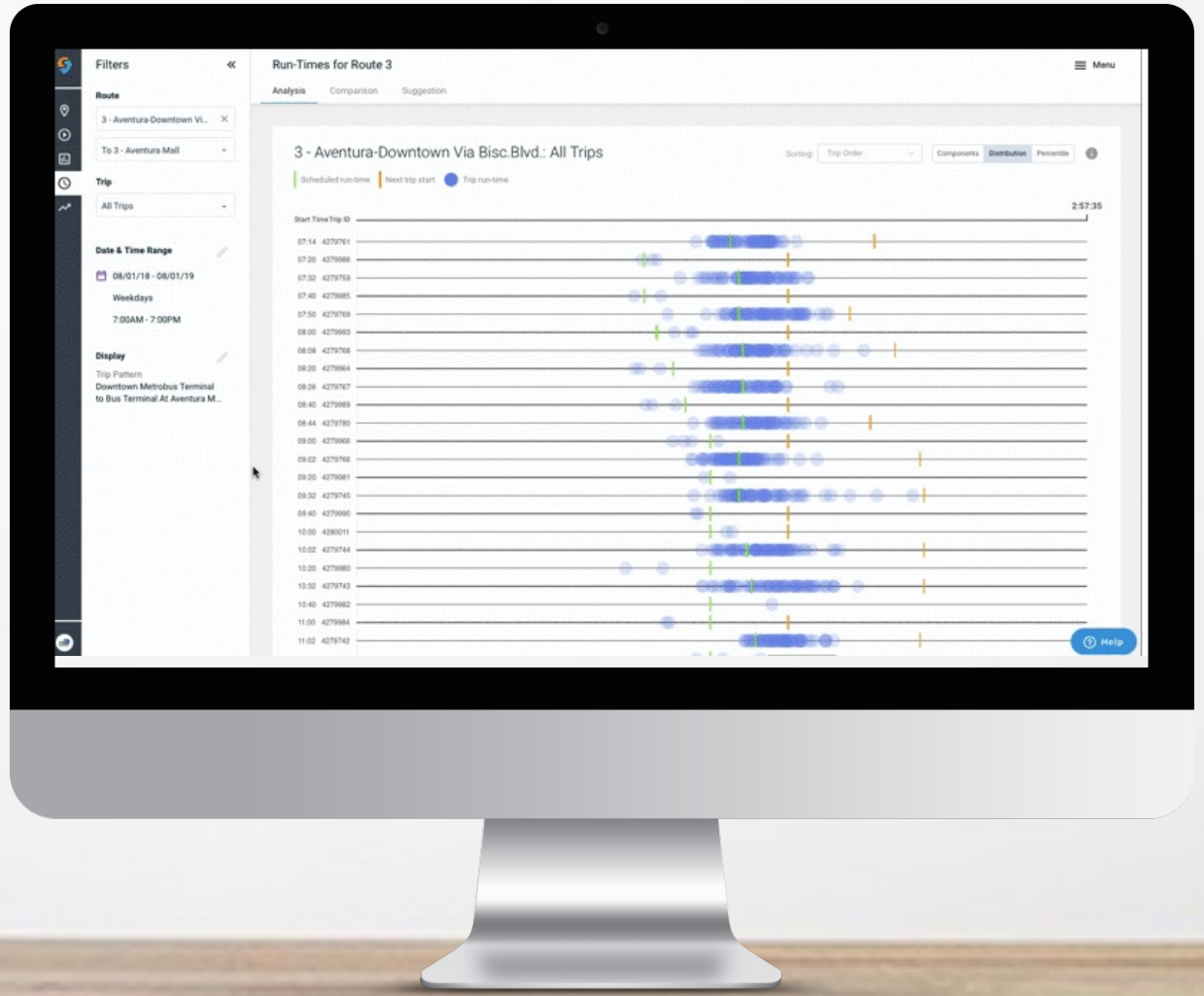
Better Bus Network

MIAMI-DADE COUNTY

NEXT STEPS

Better Bus Network

MIAMI-DADE COUNTY



Monitor.
Identify.
Adjust.

Swiftly

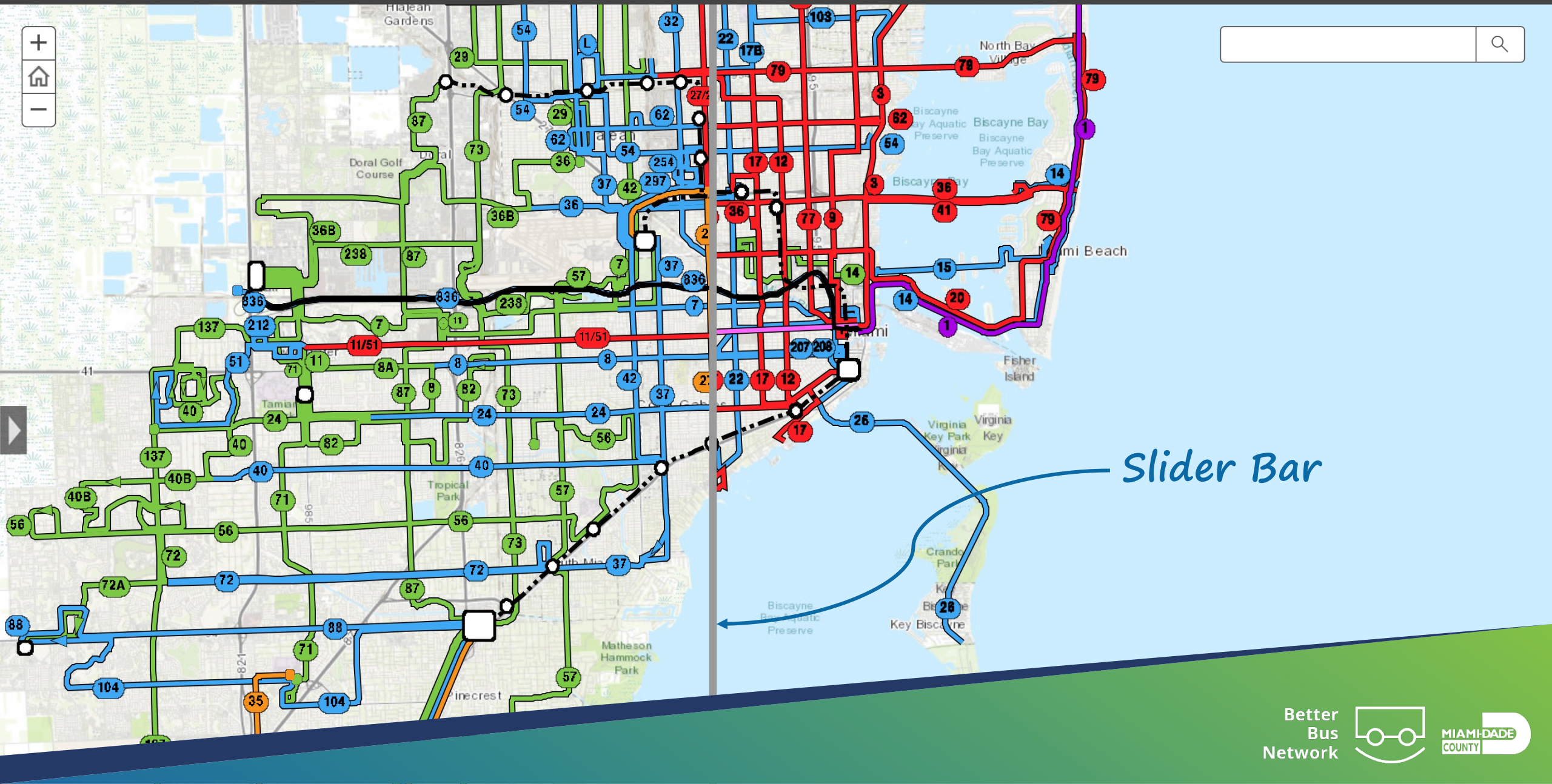
remix by Via

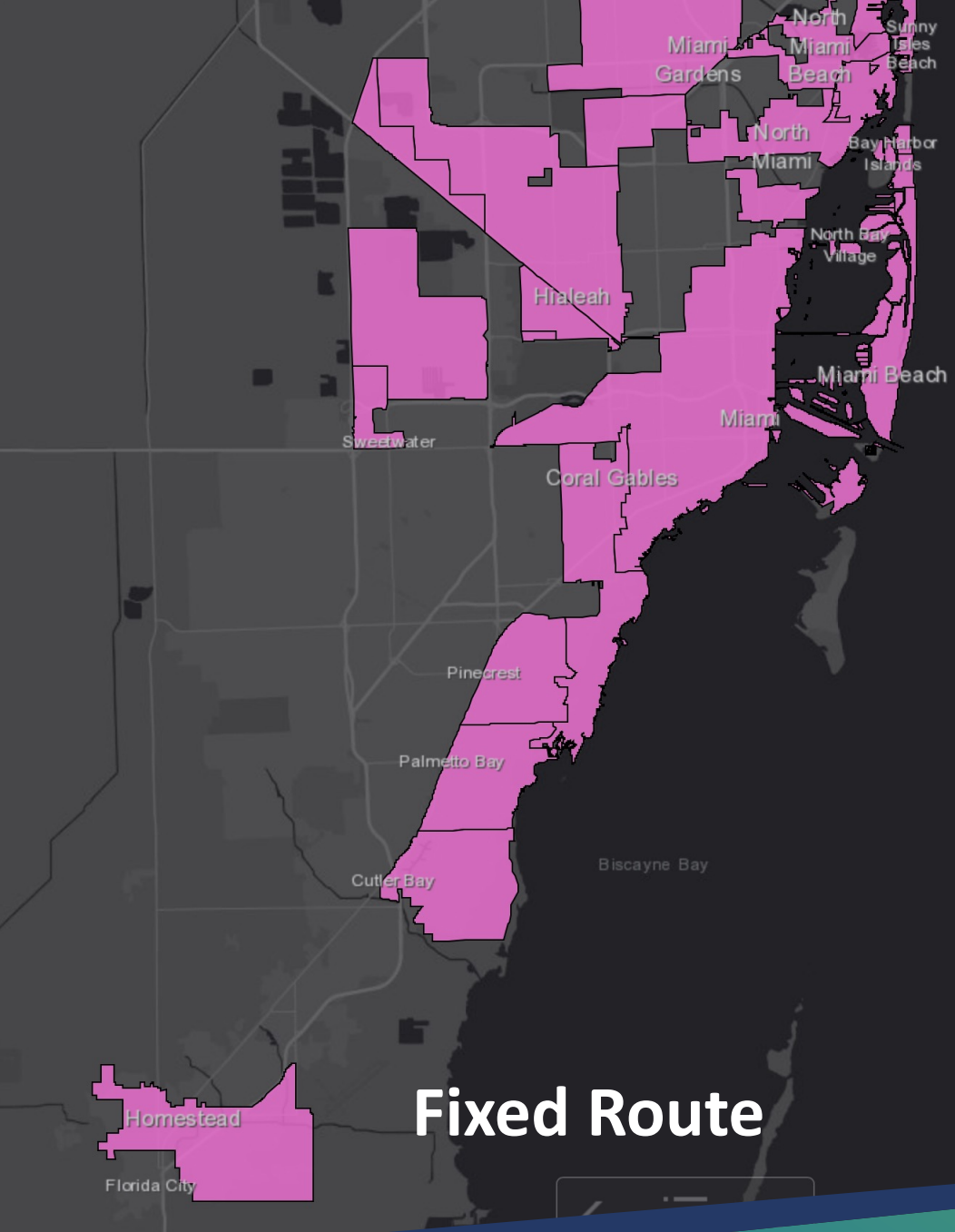
Power BI

What does this mean for my City?

- Understand the changes and help communicate to riders
- Identify the need to relocate or eliminate passenger amenities, including connections to municipal services
- Align On-Demand services to augment the benefits of the BBN
- Opportunity to redesign municipal routes

Existing vs. Better Bus Routes



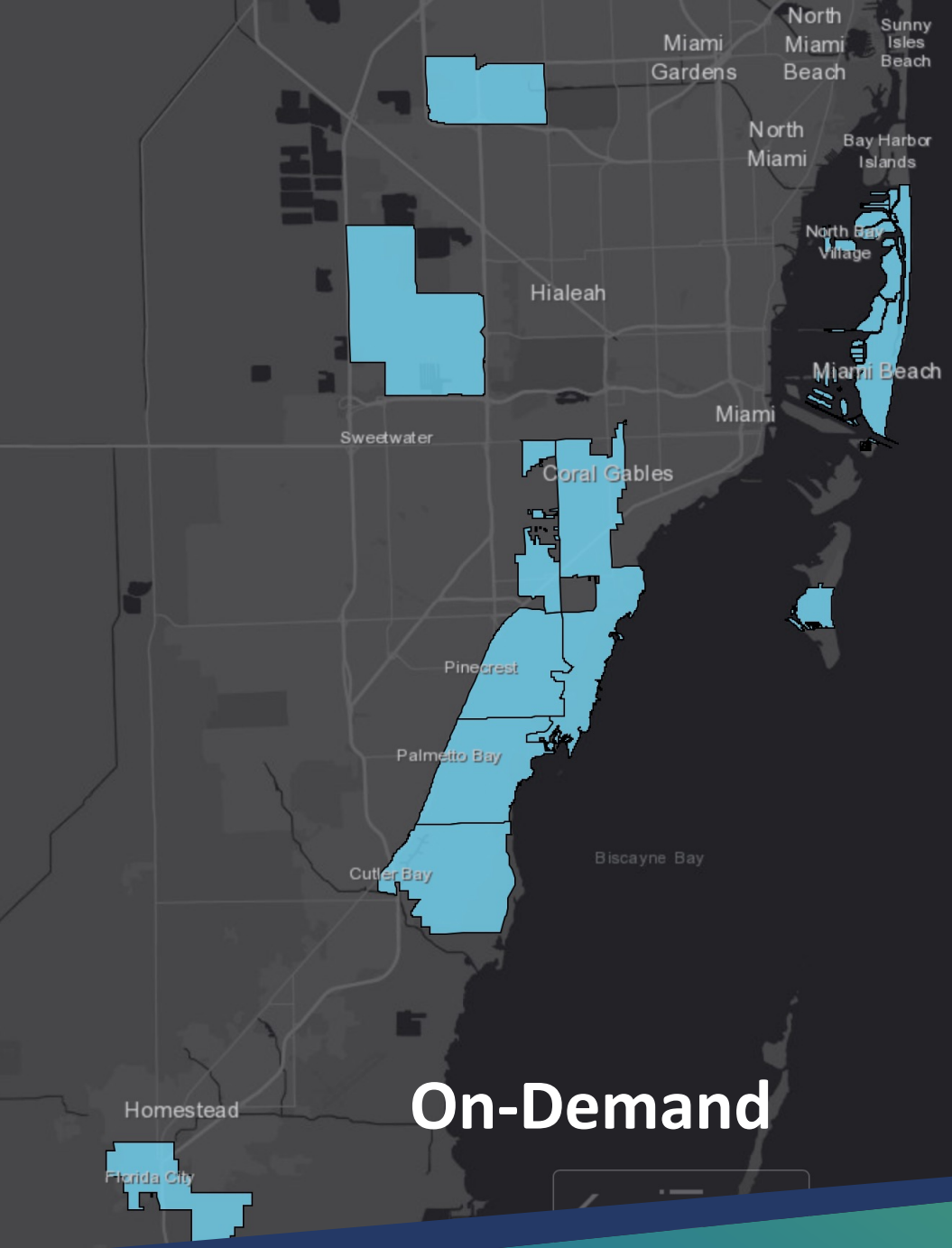


Fixed Route

- Aventura
- Bal Harbour
- Bay Harbor Islands
- Coral Gables
- Cutler Bay
- Doral
- Hialeah
- Hialeah Gardens
- Homestead
- Miami
- Miami Beach
- Miami Gardens
- Miami Shores
- Miami Springs
- North Bay Village
- North Miami
- North Miami Beach
- Opa-Locka
- Palmetto Bay
- Pinecrest
- Sunny Isles Beach
- Surfside
- Sweetwater
- Virginia Gardens

Better Bus Network

MIAMI-DADE COUNTY



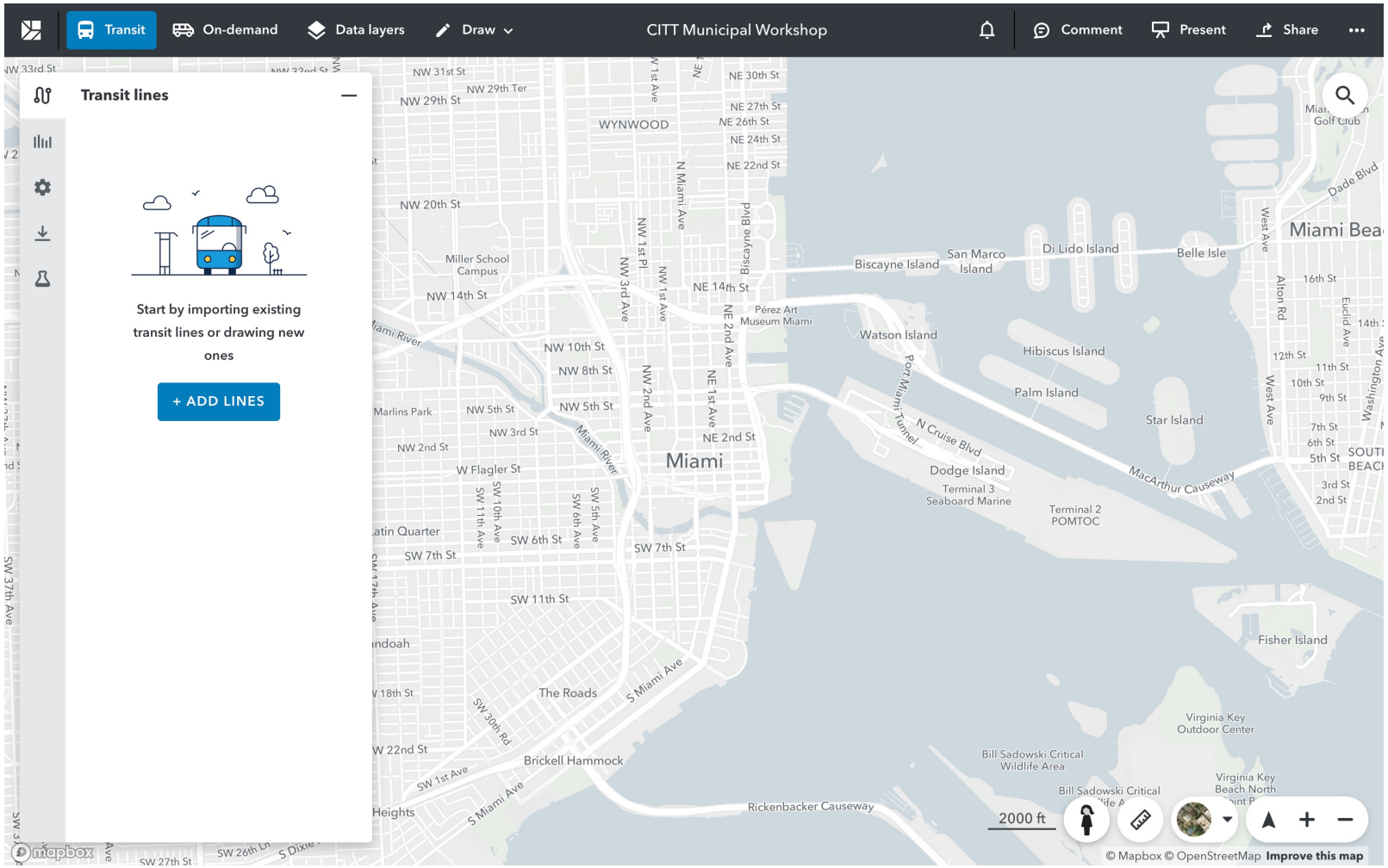
On-Demand

Coral Gables
Cutler Bay
Doral
Florida City
Key Biscayne
Miami Beach
Miami Lakes
North Bay Village
Palmetto Bay
Pinecrest
South Miami
West Miami
Hialeah**

Better Bus Network

MIAMI-DADE COUNTY

Let’s Work Together | Fixed or On-Demand

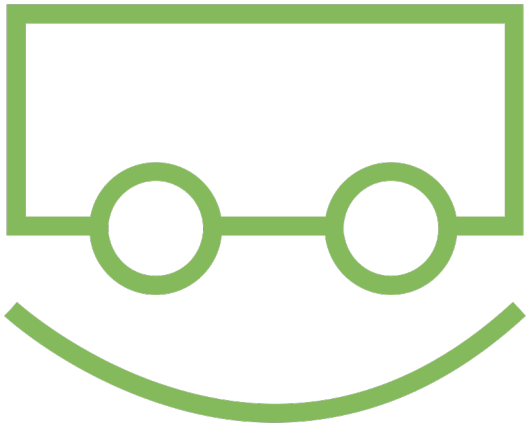


- Working Sessions with Planning Group to evaluate options
- Help understand the expected service levels with your current budget

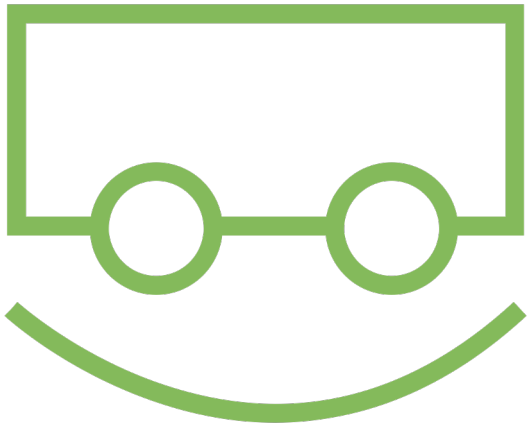
THANK YOU

- Office of the Mayor
- Commissioners & Staff
- Local Stakeholders and Municipal Partners
- TWU Staff & Members
- Transit Operations Division
- Office of Civil Rights and Labor Relations
- Service Planning & Scheduling Division
- Marketing & Communications Division
- County Communications Department
- Transit Alliance Miami

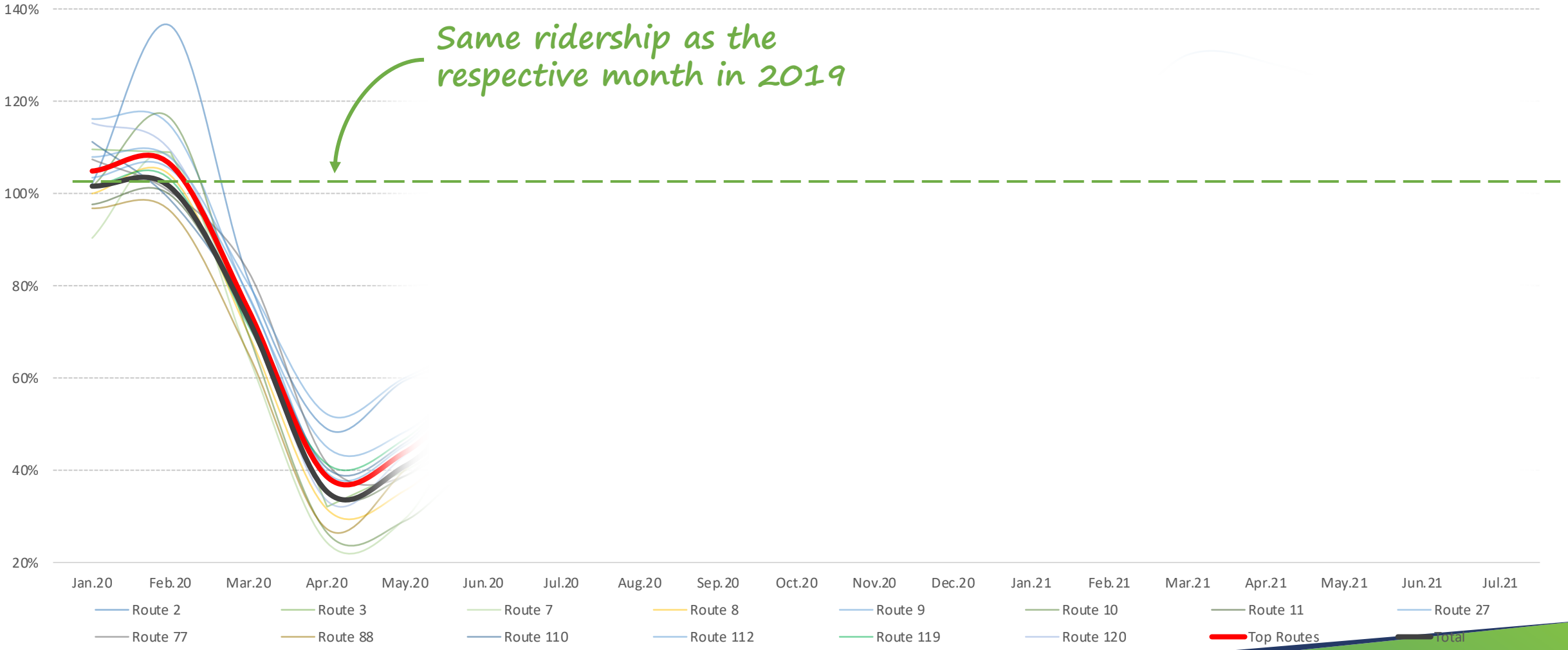
- And the members of this community that participated in such a great effort.



THANK YOU!



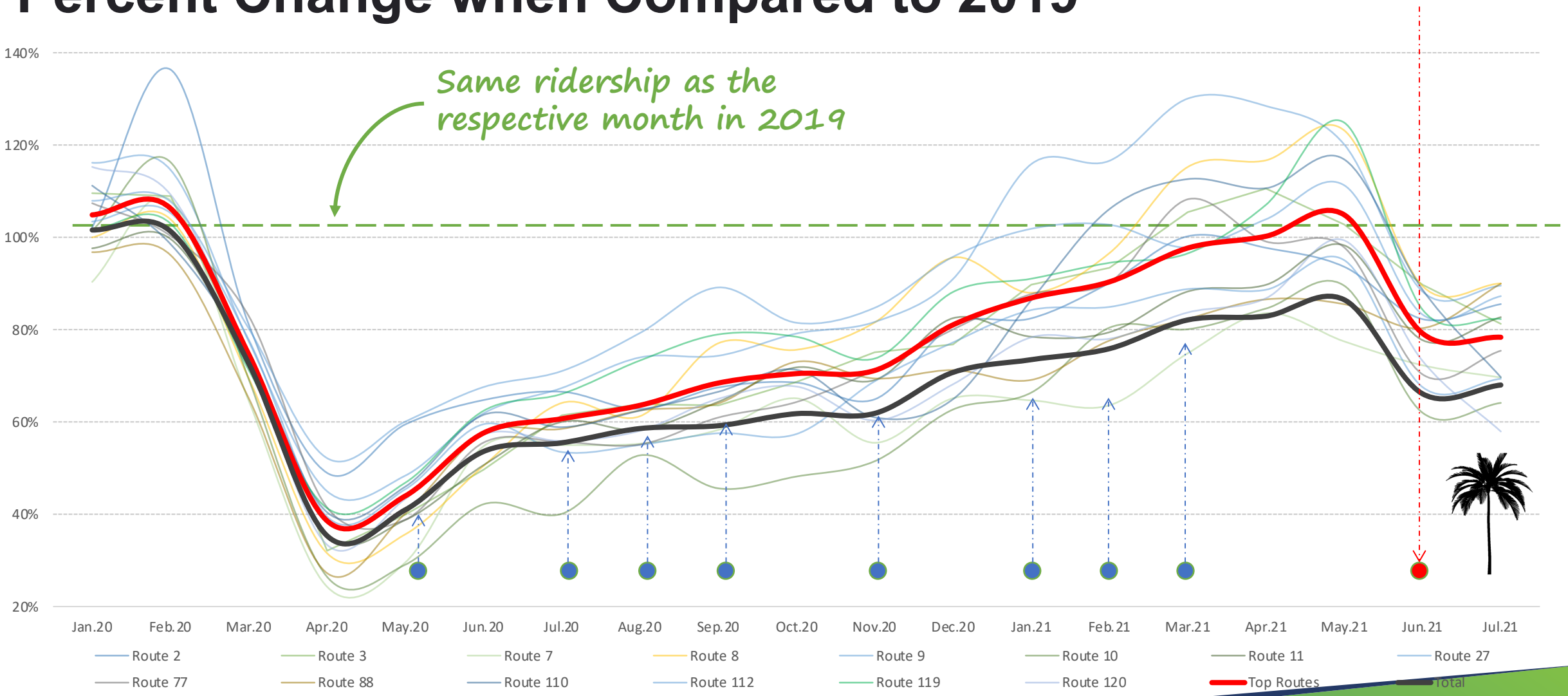
Percent Change when Compared to 2019



Better Bus Network

MIAMI-DADE COUNTY

Percent Change when Compared to 2019



Better Bus Network

MIAMI-DADE COUNTY