

# BEACH - NORTHEAST CORRIDORS



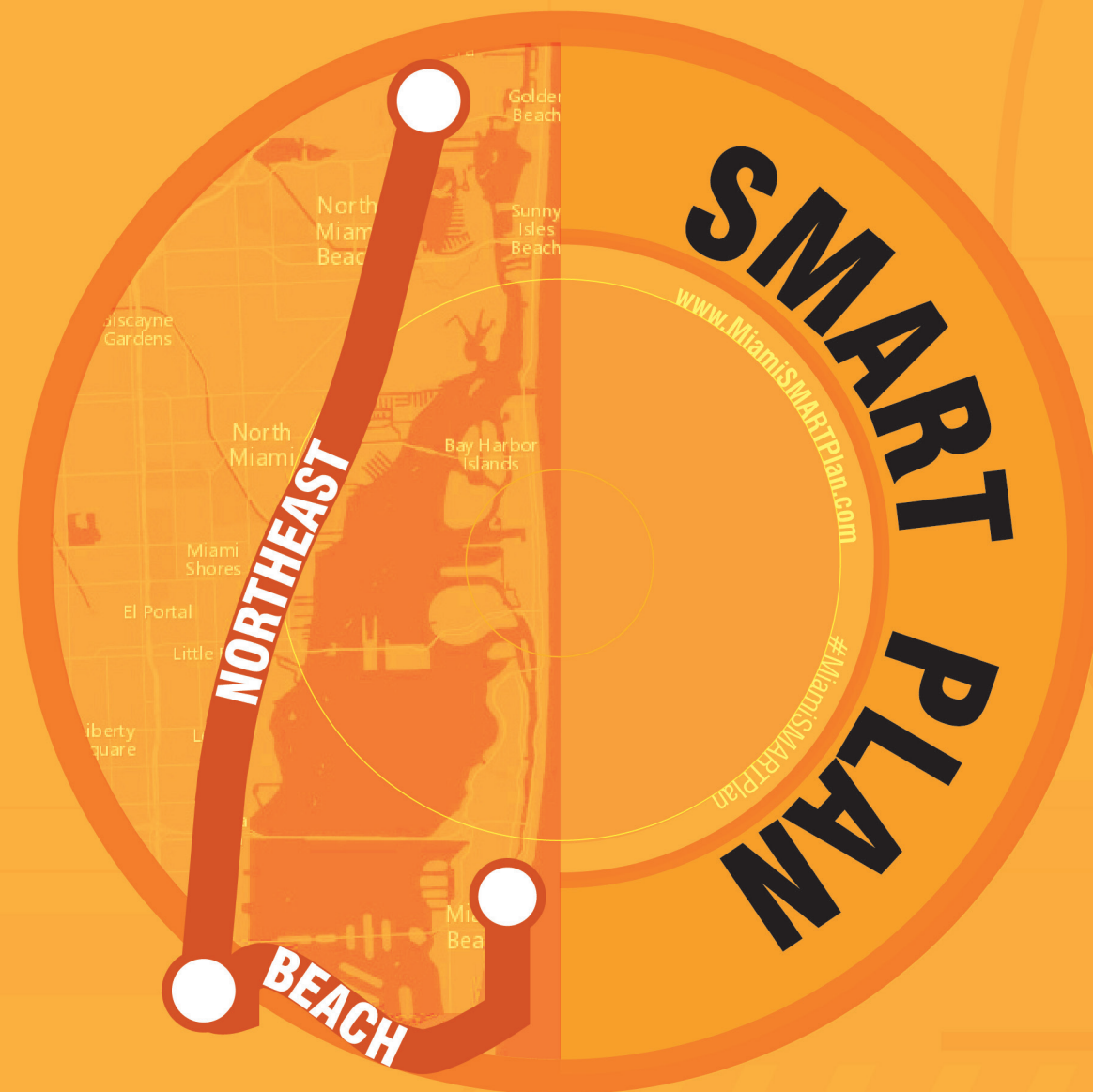
Miami-Dade Transportation  
Planning Organization

## Strategic Miami Area Rapid Transit (SMART) Implementation Plan Charrettes

### Beach and Northeast Corridor Land Use Scenario and Visioning Planning

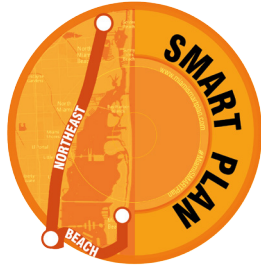
February 01 and 05, 2018  
6:00 pm to 9:00 pm

February 10, 2018  
10:00 am to 12:00 pm



[www.MiamiSMARTPlan.com](http://www.MiamiSMARTPlan.com)

[#MiamiSMARTPlan](https://twitter.com/MiamiSMARTPlan)



# SMART PLAN CHARRETTE AGENDA

## Welcome & Introductions

### 1. SMART Plan and Land Use Visioning Study Overview

*Live Polling Round 1*

### 2. Rapid Transit Corridor Studies

### 3. Beach and Northeast Corridor Profiles

### 4. Miami 'Smarts': A Community Conversation

*Live Polling Round 2*

### 5. Charrette Exercise



# SMARTPLAN OVERVIEW

# Strategic Miami Area Rapid Transit (SMART) Plan



## SMART Plan Overview

- Approved by TPO Governing Board in 2016
- Six rapid transit corridors from People's Transportation Plan
- Six (6) Bus Express Rapid Transit (BERT) Corridors
- Land Use and Visioning Studies
  - Conducted by TPO
- Rapid Transit Corridor Studies
  - Conducted by FDOT

*Kendall Corridor*

*North Corridor*

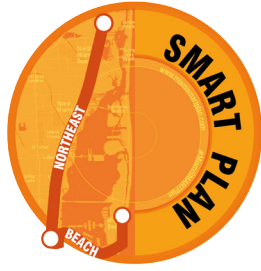
*Northeast Corridor*

- Conducted by DTPW

*Beach Corridor*

*East West Corridor*

*South Corridor*

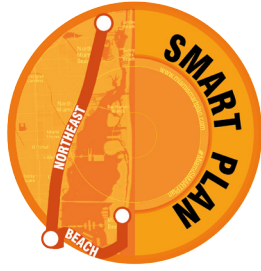


# **SMART Plan**

## **Land Use Scenario & Visioning Planning**

### **Study Purpose**

- Transit supportive land use plays a critical role in the success of major transit investments
- TPO is examining interrelationship of land use to complement SMART Plan rapid transit initiatives
- Achieve county and community goals through the integration of land use planning and development of implementation strategies
- Study will provide technical basis for development of transit supportive land uses for the Beach and Northeast Corridors



# WHAT IS THE PROCESS?

## OTHER STUDIES

**DTPW** BEACH CORRIDOR RAPID TRANSIT PD&E STUDY

**FDOT D4** TRI-RAIL COASTAL LINK STUDY

**TCRPC** STATION AREA PLANNING

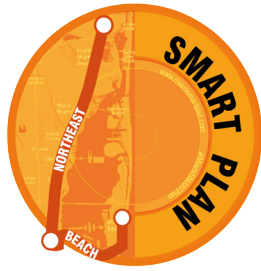
**SFRTA** TRI-RAIL DOWNTOWN MIAMI LINK

## OUR STUDY

**LAND USE SCENARIO  
VISIONING PLANNING**

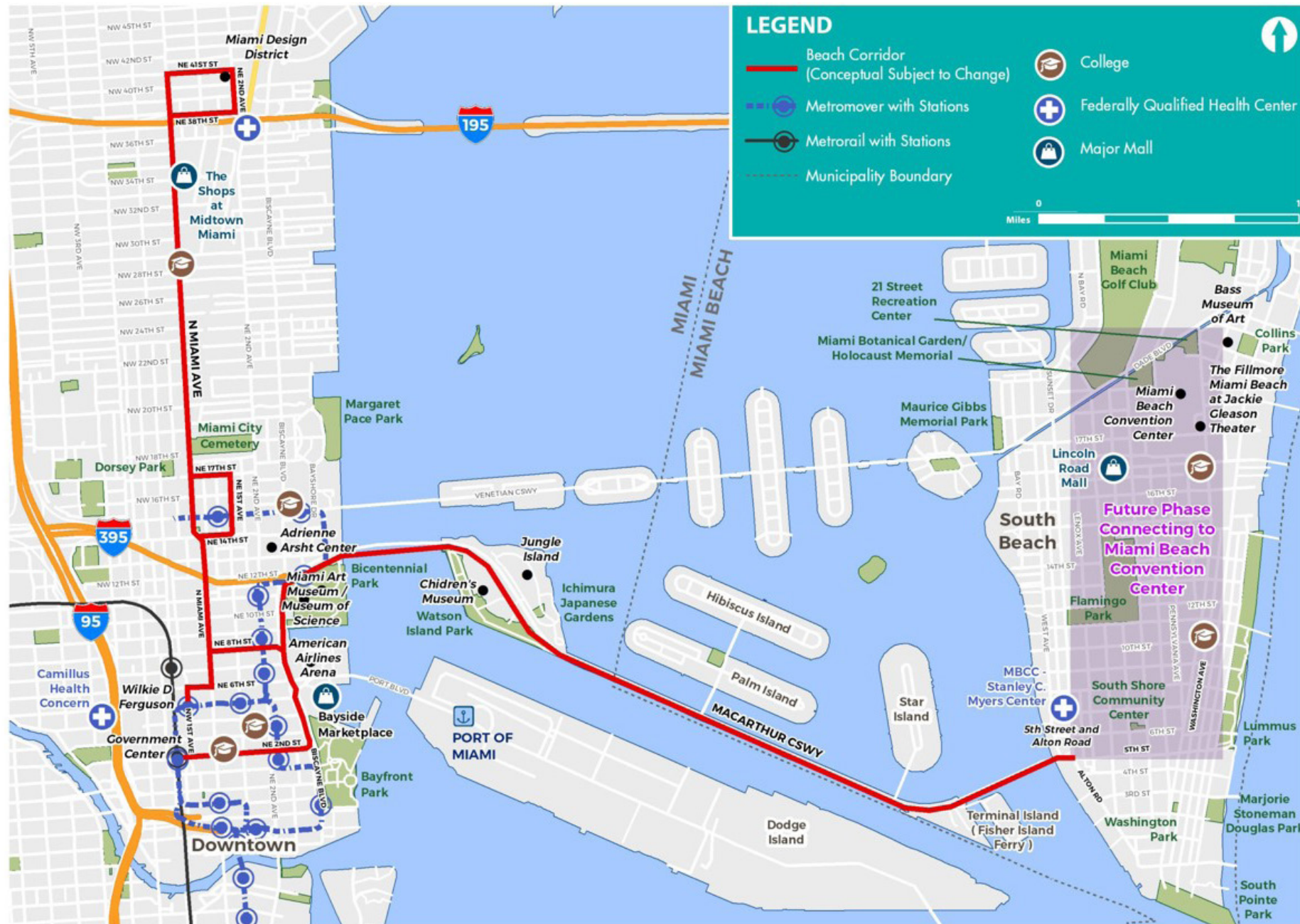
**LAND USES  
CENTERS  
CORRIDORS**



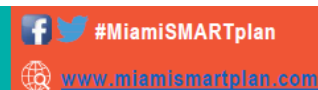


# DTPW BEACH CORRIDOR RAPID TRANSIT PROJECT Project Development & Environment (PD&E) Study

Miami-Dade County Department of Transportation and Public Works







## Beach Corridor Rapid Transit Project

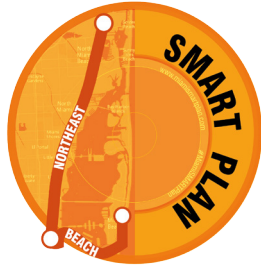


## Tier One Evaluation

- Six (6) transit modes are being evaluated to provide rapid transit connections between Mainland and Miami Beach

Transit Mode Options	Automated Guideway Transit (i.e., Metromover)	Bus Rapid Transit	Light Rail Transit	Monorail	Aerial Cable Transit	Autonomous Vehicles	Heavy Rail Transit
							
Metromover	Bus Rapid Transit	Light Rail Transit	Monorail				



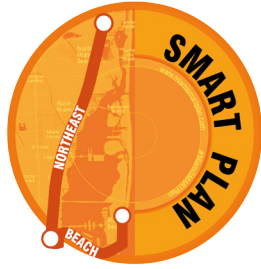


# FDOT D4 TRI-RAIL COASTAL LINK STUDY

Florida Department of Transportation District 4

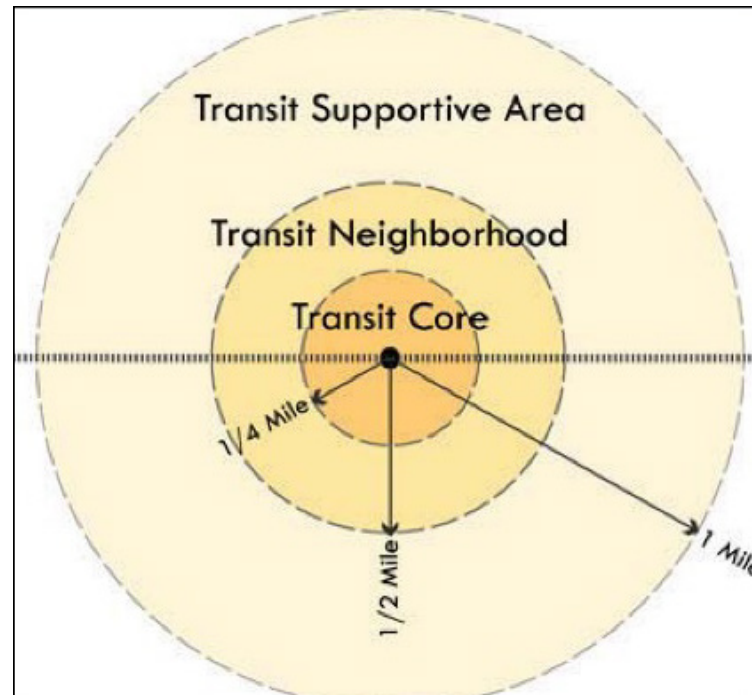


- 85-mile commuter rail service from Miami to Jupiter as an integrated extension of Tri-Rail
- Shared tracks with Brightline Intercity Passenger Service and Florida East Coast (FEC) freight
- **Miami-Dade County segment is SMART Plan's Northeast Corridor**
- PD&E Study approximately 30% complete, but currently on hold pending:
  - FEC access agreement negotiations after Brightline service begins
  - Identify local funding plan including for operations and maintenance (O&M)



# TCRPC STATION AREA PLANNING

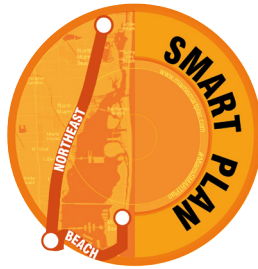
Treasure Coast Regional Planning Council



- **Federal Transit Administration (FTA) Transit Oriented Development (TOD) Grant**
- **City of Miami**
  - TOD zoning overlay typology based on three station area types
  - Public workshops anticipated in Summer 2018
- **City of North Miami Beach**
  - Station Area Master Plan
  - Public Workshop on March 1st







# SFRTA TRI-RAIL DOWNTOWN MIAMI LINK

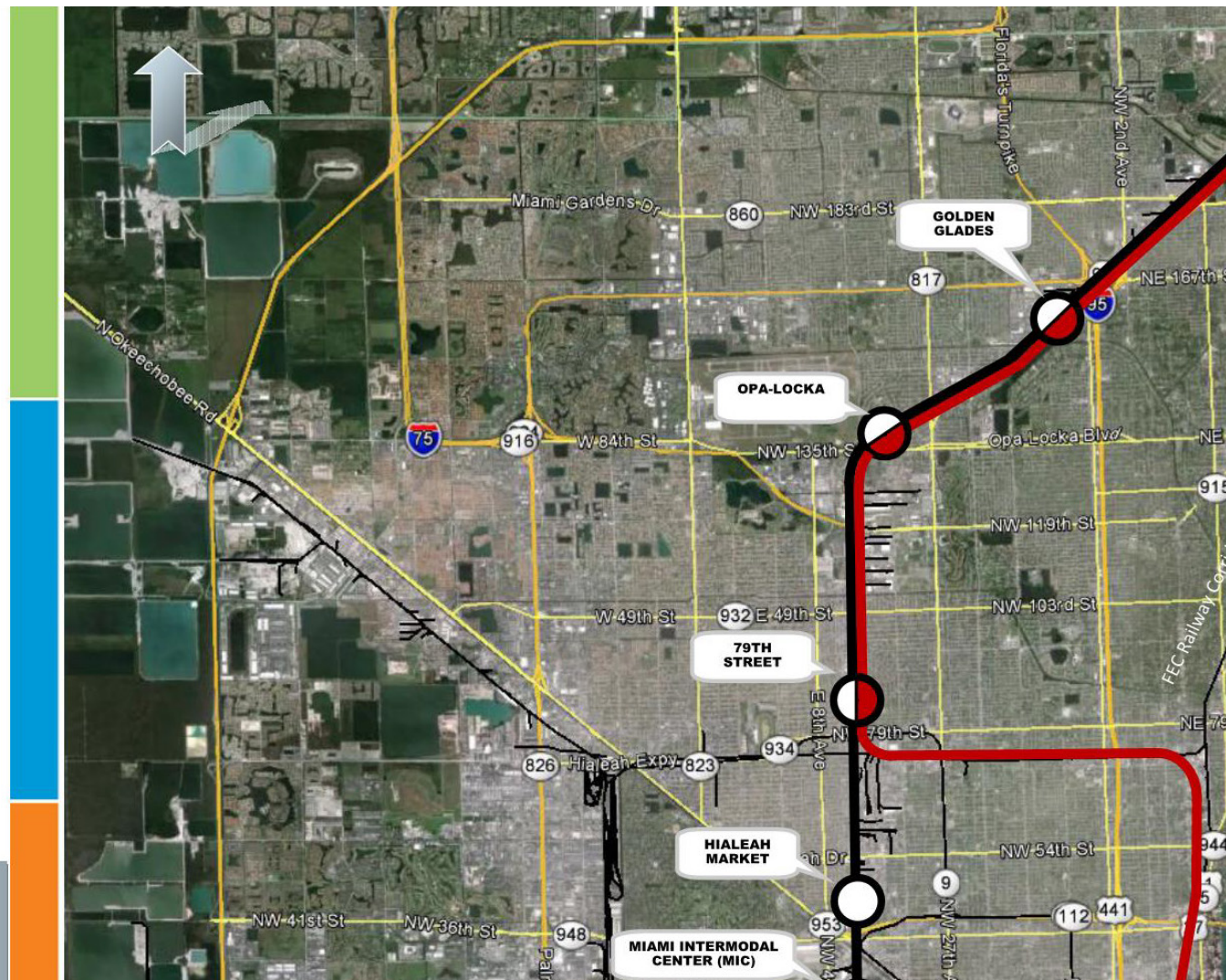
South Florida Regional Transportation Authority

TRI-RAIL  
DOWNTOWN  
MIAMI LINK

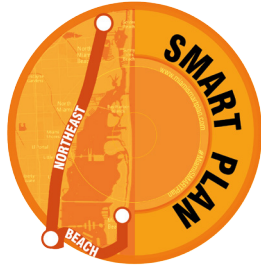
Rail Service Can Begin by  
2017

Legend:

Existing Tri-Rail  
Service



- Link from Tri-Rail Metrorail Transfer Station to Downtown Miami via the FEC rail corridor
- Service expects to start in 2018 after completion of “MiamiCentral” Station in Downtown Miami and initiation of Brightline service



# SMART Plan

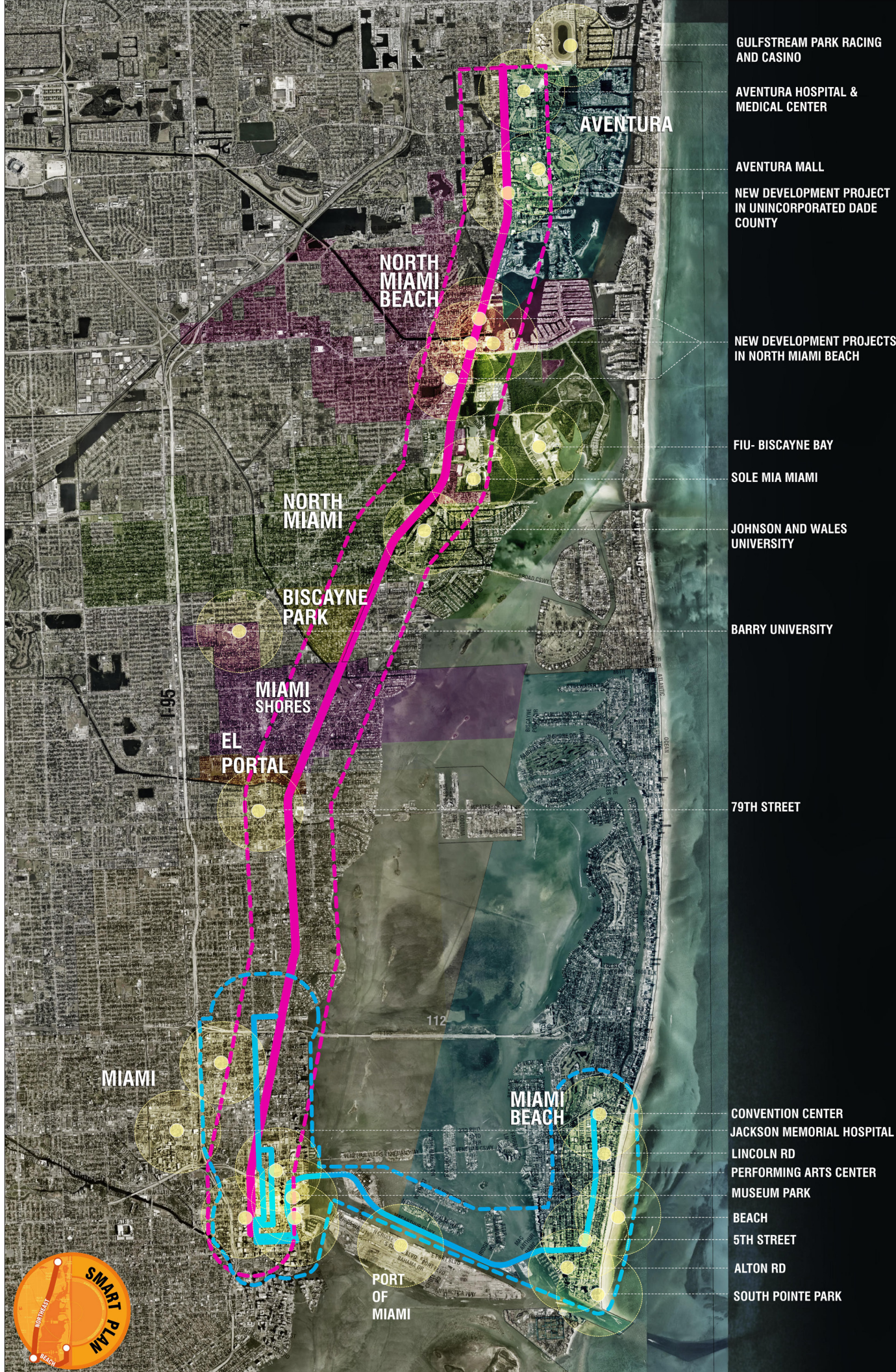
## Land Use Scenario & Visioning Planning Study Process

- **Data Gathering**
- **Land Use Strategies Evaluation**
  - Identify and evaluate possible strategies and variables
- **Land Use Scenarios Development and Testing**
  - Existing (2015) and Trend (2040) scenarios
  - Multiple transit-supportive land use scenarios
- **Visioning Planning**
  - Work with SAC to craft vision for the corridor
  - Develop station area plans using visualization
- **Corridor Charrettes**
  - ***First Series - input into scenario development and testing***
  - Second Series - corridor visioning and station area plan concepts

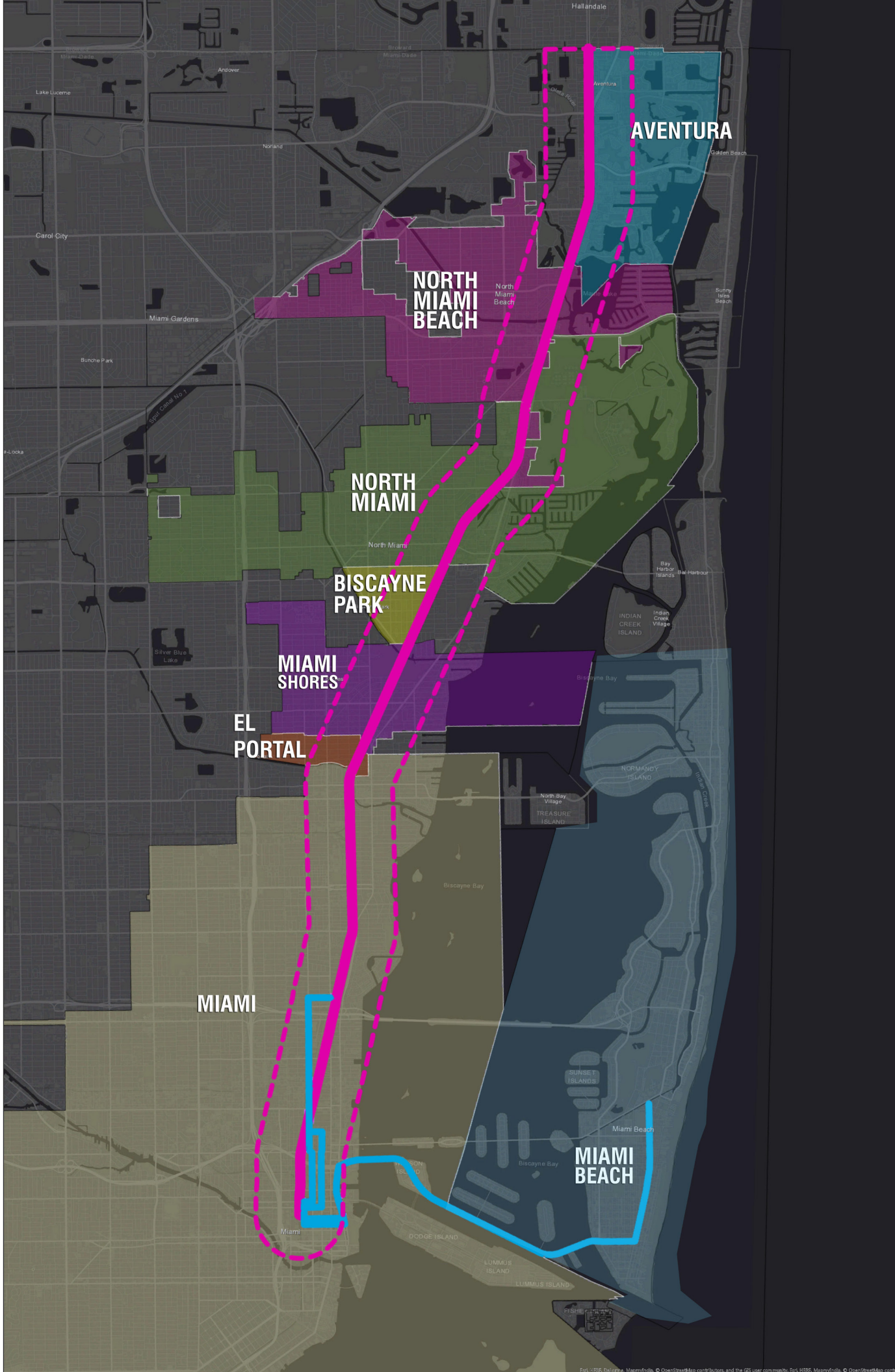


# BEACH CORRIDOR NORTHEAST CORRIDOR

- Two SMART Plan corridors with an area of overlap in Miami
- Integrate transportation and land use planning
- Develop a land use scenario plan for the Beach and Northeast Corridors
- Provide technical basis for development of transit supportive land uses







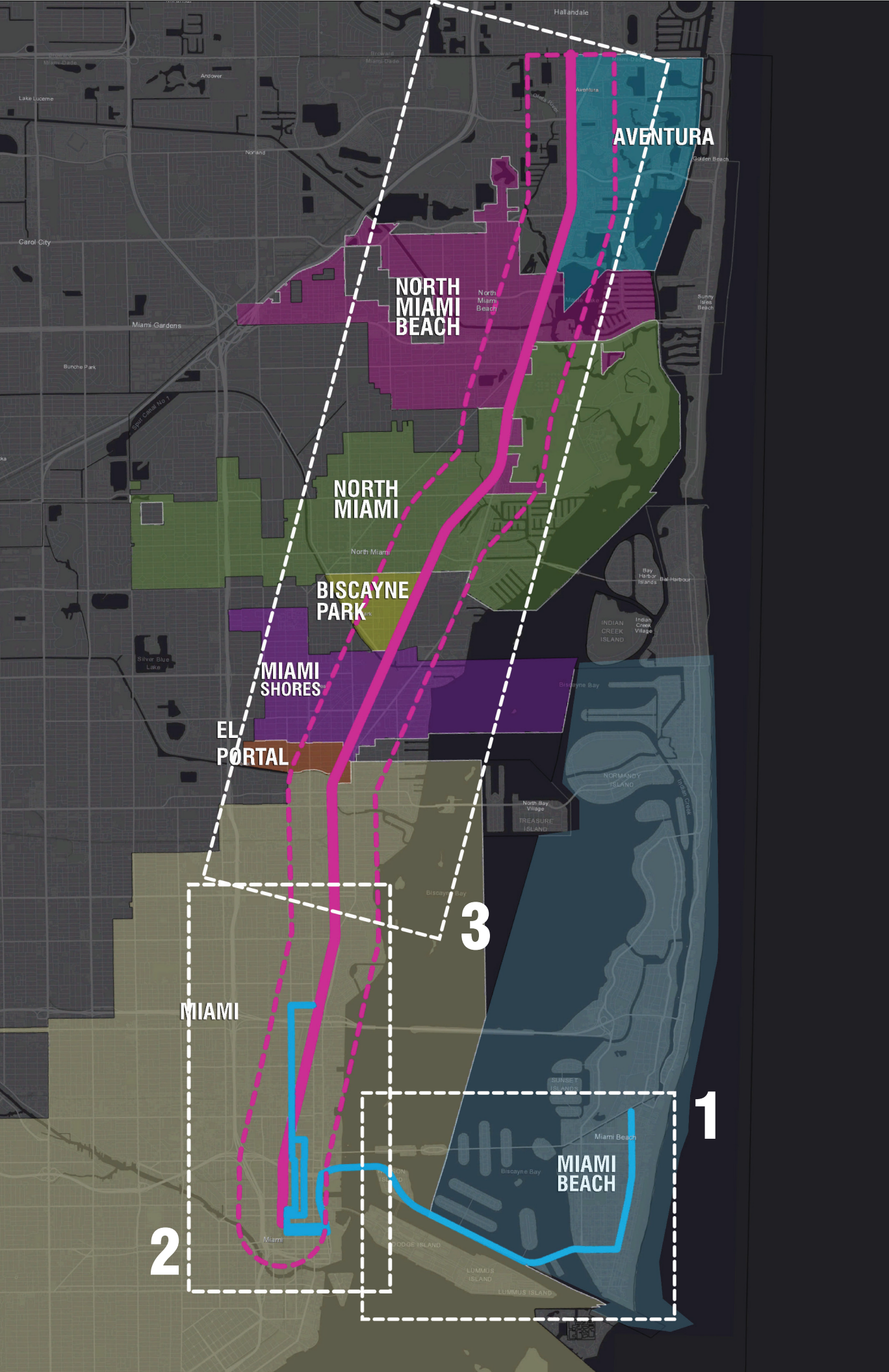
# LOCAL GOVERNMENTS IN THE CORRIDORS

- City of Aventura
- North Miami Beach
- North Miami
- Biscayne Park
- Miami Shores
- El Portal
- Miami
- Miami Beach



# 3 ZONES OF STUDY FOR TODAY'S CHARRETTE

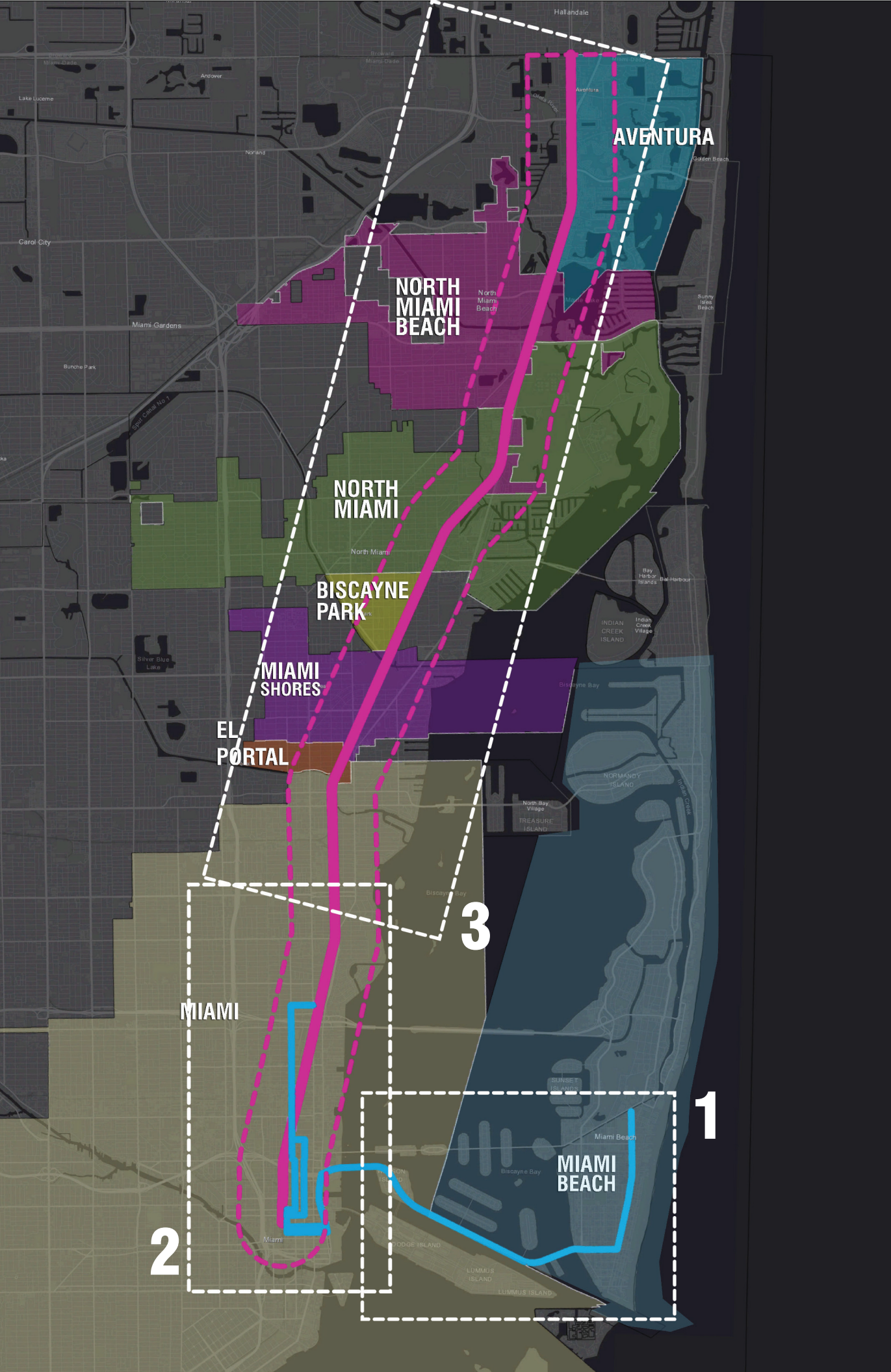
1. Miami Beach
2. Downtown Miami to 61st Street
3. 61st Street to Aventura



# **LIVE POLLING ROUND 1**

**(8 QUICK QUESTIONS)**

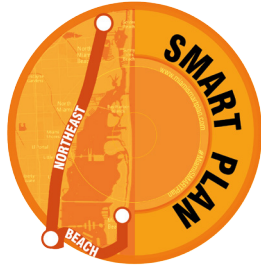




# Audience Poll

**Q1 - How many here today live and/or work in:**

- |               |                                      |
|---------------|--------------------------------------|
| <b>Zone 1</b> | <b>Miami Beach</b>                   |
| <b>Zone 2</b> | <b>Downtown Miami to 61st Street</b> |
| <b>Zone 3</b> | <b>61st Street to Aventura</b>       |



# Audience Poll

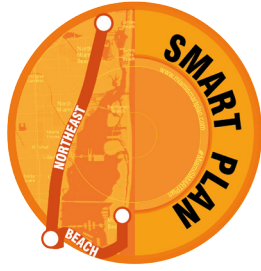
**Q2 - Were you familiar with the Strategic Miami Area Rapid Transit (SMART) Plan before this meeting?**

**A. Yes**

**B. Somewhat**

**C. No**

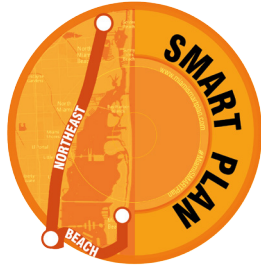




# Audience Poll

**Q3 - What are your primary interests in the Beach and/or Northeast Corridors?**

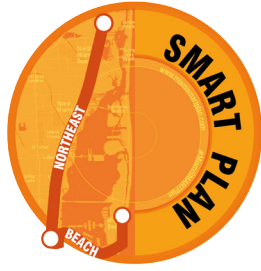
- 1. I live here**
- 2. I work here**
- 3. I shop here**
- 4. I own property here**
- 5. I am a developer**
- 6. Other**



# Audience Poll

**Q4 - How long have you lived or worked along the Beach and/or Northeast Corridors?**

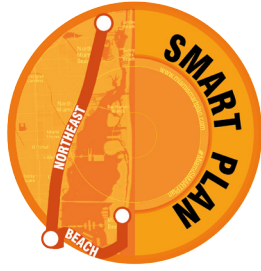
- 1. Less than 5 years**
- 2. 5 to 10 years**
- 3. 11 to 20 years**
- 4. More than 20 years**
- 5. I don't live here or work here**



# Audience Poll

## Q5 - What is your age?

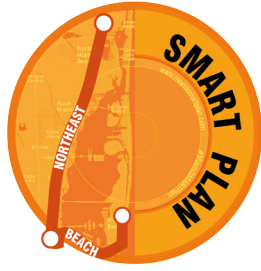
1. Under 20
2. In your 20's
3. In your 30's
4. In your 40's
5. In your 50's
6. In your 60's
7. 70 or over



# Audience Poll

**Q6 - The primary way I commute is by:**

- 1. My Personal Car**
- 2. Carpool**
- 3. Car Service (Lyft, Uber...)**
- 4. Transit (Bus or Rail)**
- 5. Riding my Bike**
- 6. Walking**
- 7. Other**

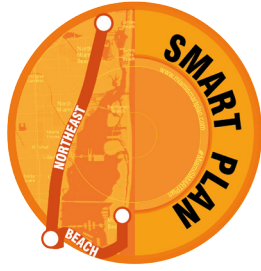


# Audience Poll

**Q7 - I also get around using....Select up to three.**

- 1. My Personal Car**
- 2. Carpool**
- 3. Car Service (Lyft, Uber...)**
- 4. Transit (Bus or Rail)**
- 5. Riding my Bike**
- 6. Walking**
- 7. Other**





# Audience Poll

**Q8 - What best describes your perspective and interest in this charrette? (Choose one)**

- 1. Resident**
- 2. Business**
- 3. Development**
- 4. Healthcare**
- 5. Education**
- 6. Government / PortMiami**
- 7. Other**

# BEACH CORRIDOR PROFILE

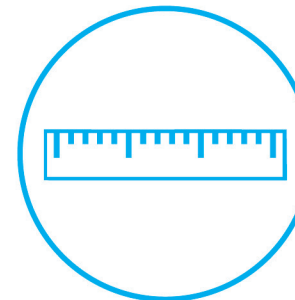
**MIDTOWN MIAMI**

**8 AM: 10 MINS DRIVE  
6 PM: 17 MINS DRIVE  
[DOWNTOWN-MIDTOWN]**

**MIAMI BEACH CONVENTION CENTER**

**DOWNTOWN**

**8 AM: 12 MINS DRIVE  
6 PM: 17 MINS DRIVE  
[DOWNTOWN-CONVENTION CENTER]**



**LENGTH OF CORRIDOR  
~8 MILES**

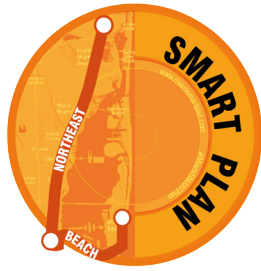


**EXISTING POPULATION  
107,010\***



**EXISTING EMPLOYMENT  
108,651\***

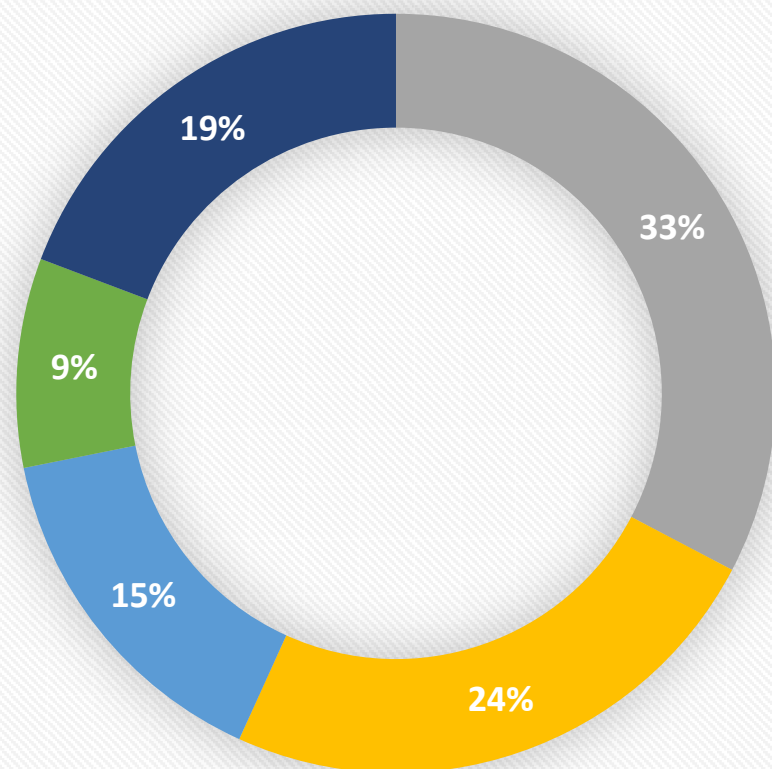




# BEACH CORRIDOR DEMOGRAPHICS

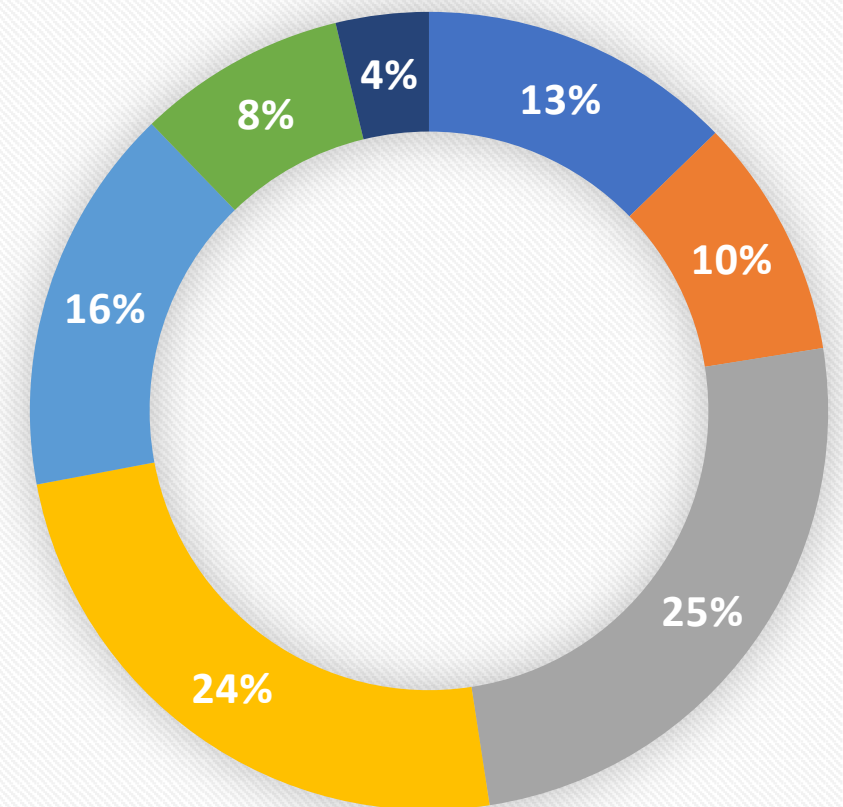
- In total approximately **107,010** people lived within the half mile buffer of the corridor in the year 2015.
- Households below \$25,000 is 33%

BEACH CORRIDOR  
YEAR 2015 INCOME GROUPS BY HOUSEHOLD

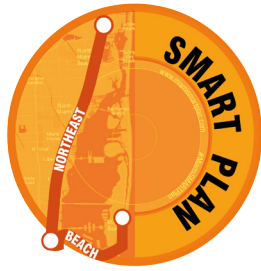


■ TOTAL ■ <\$25,000 ■ \$25,000-\$50,000 ■ \$50,000-\$75,000 ■ \$75,000-\$105,000 ■ >\$100,000

AGE DISTRIBUTION

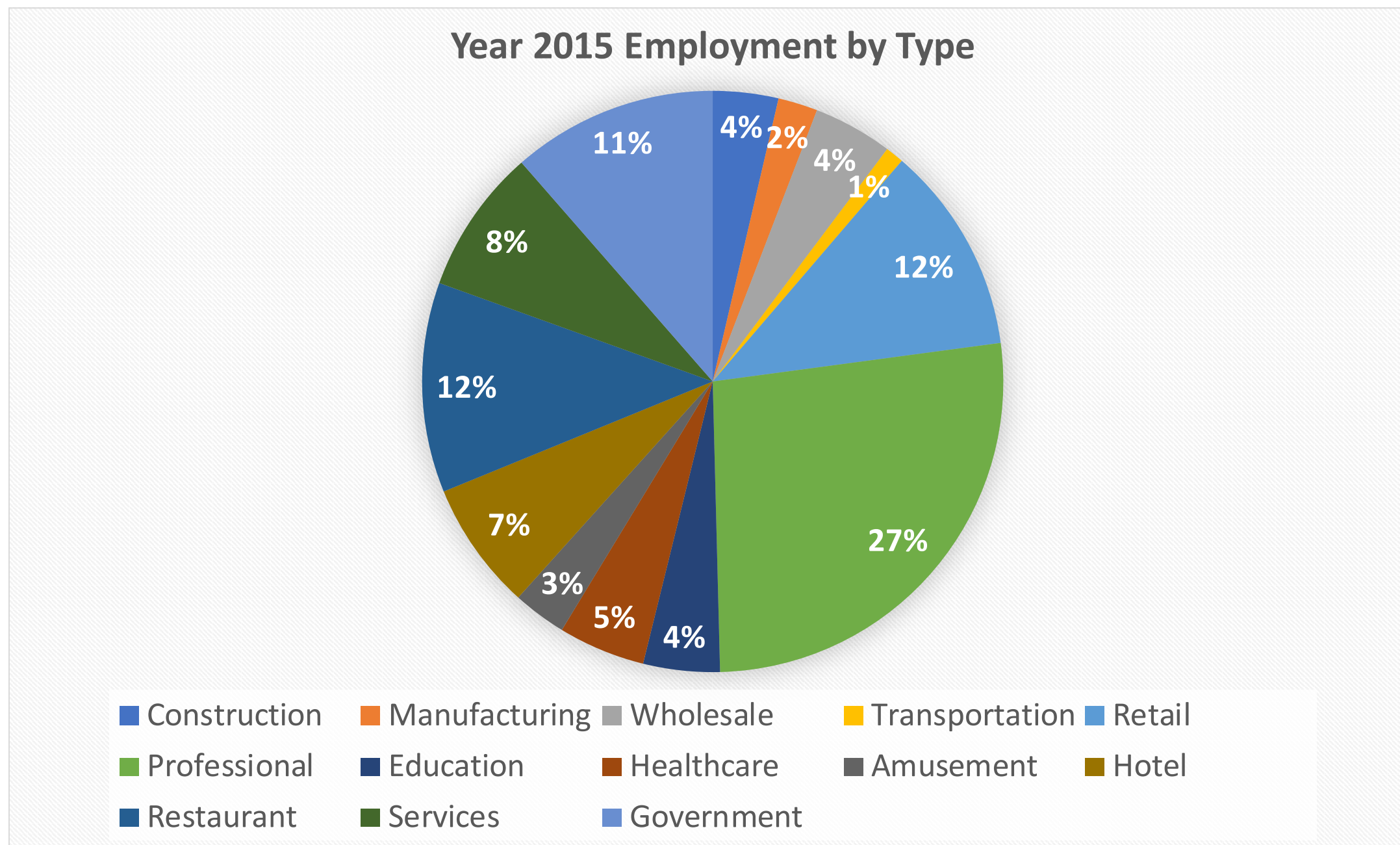


■ 0-17 ■ 18-24 ■ 25-34 ■ 35-49 ■ 50-64 ■ 65-79 ■ 80+



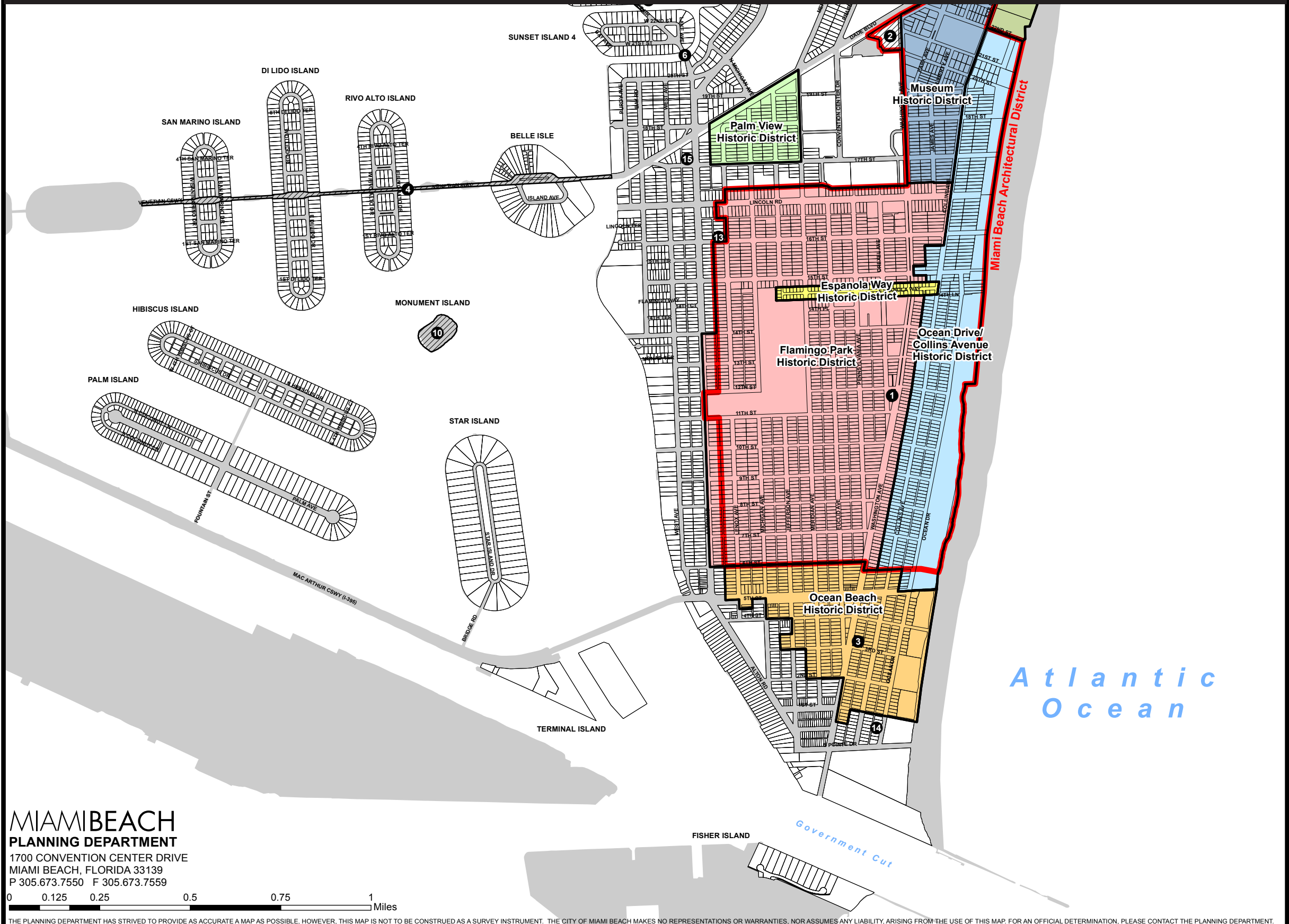
# BEACH CORRIDOR DEMOGRAPHICS

- The total employment in the study area is **108,651** workers, as of 2015 data.



Source: SERPM-V7



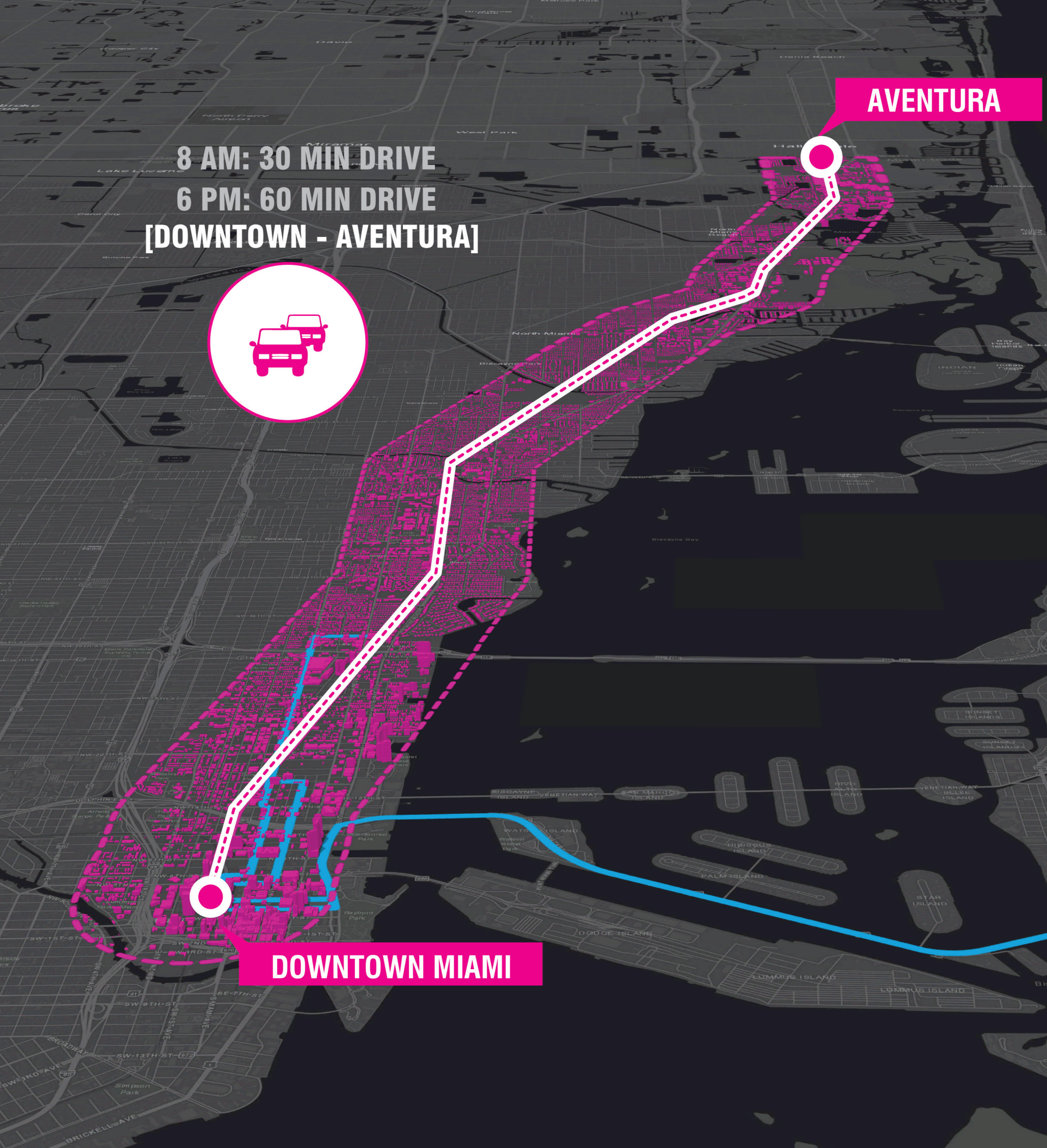


THE PLANNING DEPARTMENT HAS STRIVED TO PROVIDE AS ACCURATE A MAP AS POSSIBLE. HOWEVER, THIS MAP IS NOT TO BE CONSTRUED AS A SURVEY INSTRUMENT. THE CITY OF MIAMI BEACH MAKES NO REPRESENTATIONS OR WARRANTIES, NOR ASSUMES ANY LIABILITY, ARISING FROM THE USE OF THIS MAP. FOR AN OFFICIAL DETERMINATION, PLEASE CONTACT THE PLANNING DEPARTMENT.

LOCAL HISTORIC DISTRICTS		NATIONAL REGISTER HISTORIC DISTRICTS		LOCAL HISTORIC SITES	
<div></div> Espanola Way Historic District	<div></div> Palm View Historic District	<div></div> Miami Beach Architectural District	<div></div> Old City Hall Historic Site	<div></div> Dade Blvd Fire Station Historic Site	
<div></div> Altos del Mar Historic District	<div></div> Collins Waterfront Historic District	<div></div> Normandy Isles Historic District	<div></div> 21st St Recreation Center Historic Site	<div></div> PineTree Dr Historic Roadway	
<div></div> Flamingo Park Historic District	<div></div> North Beach Resort Historic District	<div></div> North Shore Historic District	<div></div> Congregation Beth Jacob Historic Site	<div></div> Flagler Memorial and Monument Island Historic Site	
<div></div> Ocean Drive/Collins Avenue Historic District	<div></div> Flamingo Waterway Historic District	<div></div> Collins Waterfront Architectural District	<div></div> Venetian Causeway Historic Site	<div></div> 69th St Fire Station Historic Site	
<div></div> Museum Historic District	<div></div> Morris Lapidus/Mid 20th Century Historic District		<div></div> Miami Beach Woman's Club Historic Site	<div></div> 28th St Obelisk and Pumping Station Historic Structure	
<div></div> Ocean Beach Historic District	<div></div> North Shore Historic District		<div></div> Sunset Island Bridges Historic Structures	<div></div> 1600 Lenox Ave Historic Site	
<div></div> Harding Townsite Historic District	<div></div> Normandy Isles Historic District		<div></div> The Bath Club Historic Site	<div></div> 36 Ocean Dr Historic Site	
				<div></div> 1700 Alton Rd Historic Site	

# **NORTHEAST CORRIDOR PROFILE**



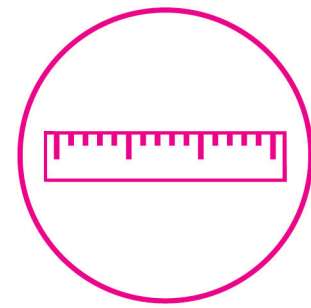


8 AM: 30 MIN DRIVE  
6 PM: 60 MIN DRIVE  
[DOWNTOWN - AVENTURA]



AVENTURA

DOWNTOWN MIAMI



LENGTH OF CORRIDOR  
~14.5 MILES



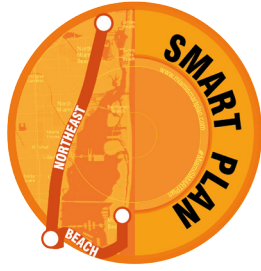
EXISTING POPULATION  
238,028\*



EXISTING EMPLOYMENT  
123,580

\*CENSUS 2010 DATA.





# NORTHEAST CORRIDOR DEMOGRAPHICS

- The total population in the NE Corridor influence area in 2010 was **238,028**.
- **38%** of the population owns their homes, and **62%** are renters.
- Diverse population that is nearly an even split
- Median Household Income of **\$42,968**
- The whole corridor is generally uniform, **29%** or less of the population is making less than **\$25,000/year**
- Less than 21 percent (21%) is older than 65 years old.

**MIAMI 'SMARTS'**  
**A COMMUNITY CONVERSATION**



# THIS IS AN OPPORTUNITY


in some cases, transit can be a **game changer**  
in other cases, transit is an **option to getting around**

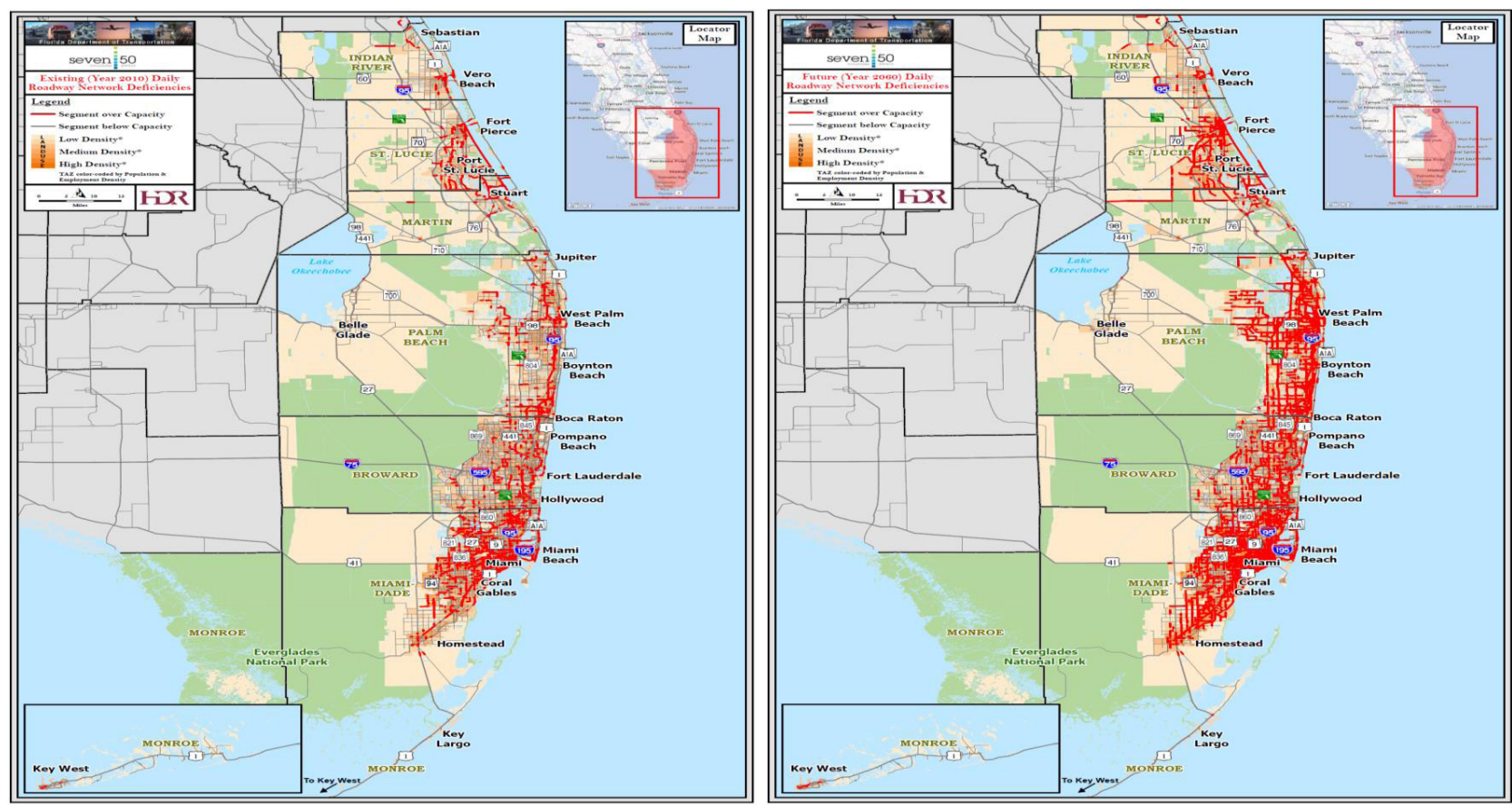
WE HAVE **BOTH** CONDITIONS IN OUR CORRIDORS

# TRENDS

3 MILLION  
MORE  BY  
2060

Source: US Census, Seven50 Report / SERPM 2060 Trend

750  A DAY  
MOVE TO  
SOUTHEAST FLORIDA



## TRAFFIC

Anticipated Future Roadway Deficiencies if Current Trends Continue  
Can we afford to have **98% of people driving for every trip?**

# TRENDS


Changing Demographics are causing fundamental shifts in the housing market:




**SINGLES** WILL SOON BE THE NEW MAJORITY IN THE U.S.



**ALMOST HALF** THE U.S. POPULATION WILL BE **NON-WHITE** BY 2050



**OLDER** AMERICANS WILL **OUTNUMBER** YOUNGER AMERICANS BY **MID-CENTURY**



THE DEMOGRAPHIC **GROUPS** **GROWING** MOST QUICKLY: **OLDER, NON-FAMILY, NON-WHITE** HOUSEHOLDS HAVE HISTORICALLY **USED** TRANSIT IN **HIGHER** NUMBERS



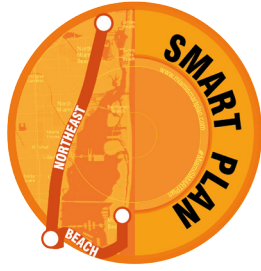
**MILLENNIALS**, NOW NUMBER **75.4** MILLION SURPASSING THE 74.9 MILLION BABY BOOMERS BY 2025, **MILLENNIALS** WILL ACCOUNT FOR **ONE IN THREE** ADULTS AND FOR **THREE-QUARTER** OF WORKING-AGE PEOPLE



**AMERICAN HOUSEHOLDS** ARE **OLDER, SMALLER** AND MORE DIVERSE, AND THEY WANT MORE **HOUSING** AND **TRANSPORTATION CHOICES**

Source: Reconnecting America - Center for Transit-Oriented Development





# WHAT IS LAND USE?



**LINCOLN ROAD**

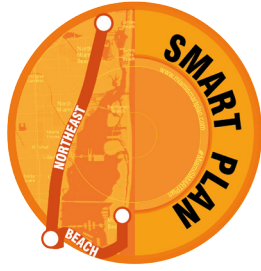


**MIAMI JACKSON MEMORIAL**



**MIAMI DADE COLLEGE**





# WHAT ARE CENTERS?

**NEIGHBORHOOD**



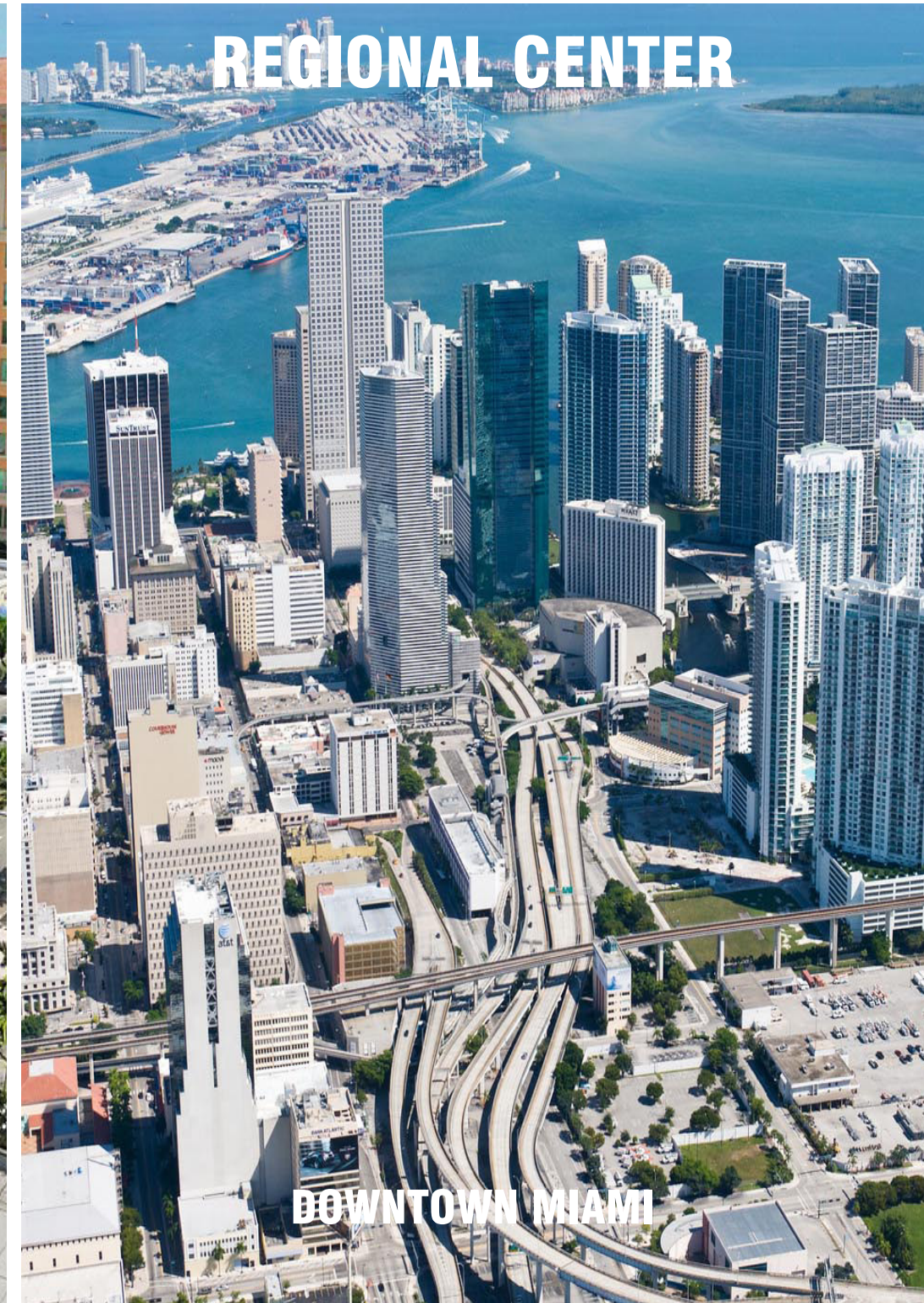
**LITTLE HAVANA**

**DISTRICT**



**CORAL GABLES CENTRAL BUSINESS DISTRICT**

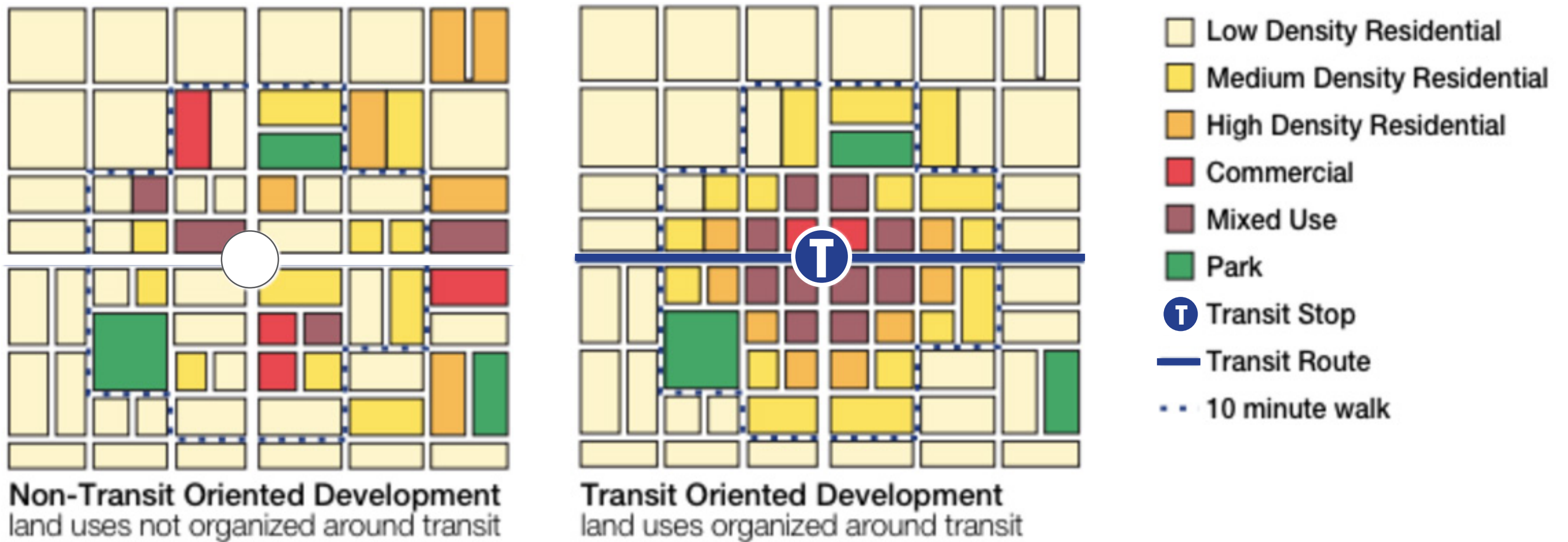
**REGIONAL CENTER**



**DOWNTOWN MIAMI**



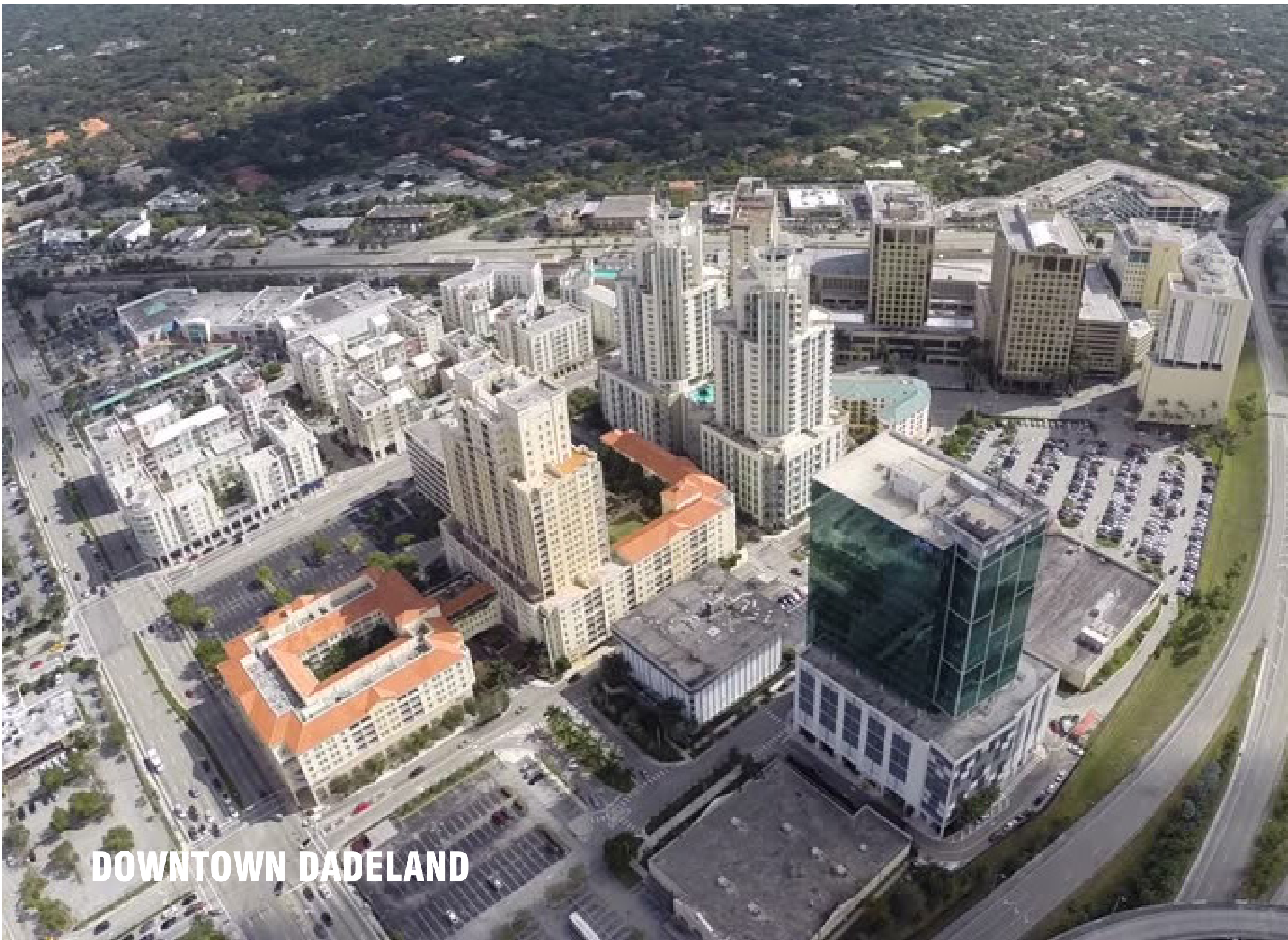
# TRANSIT COMMUNITIES



- understanding relationship between land use and transit
- **what is transit oriented development (TOD)?**



# Examples of TODs





# Examples of TODs





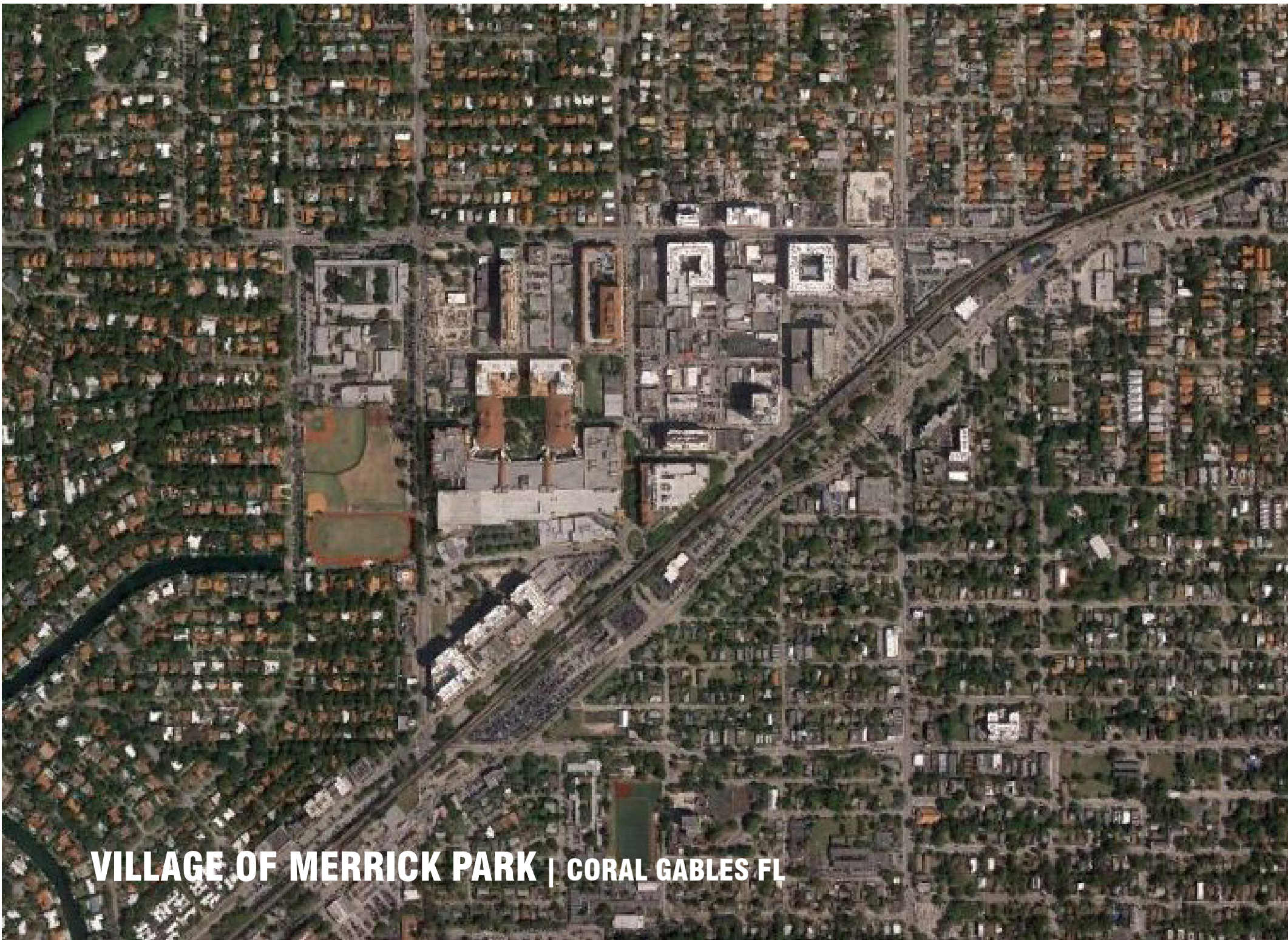
# Examples of TODs

MIDTOWN MIAMI



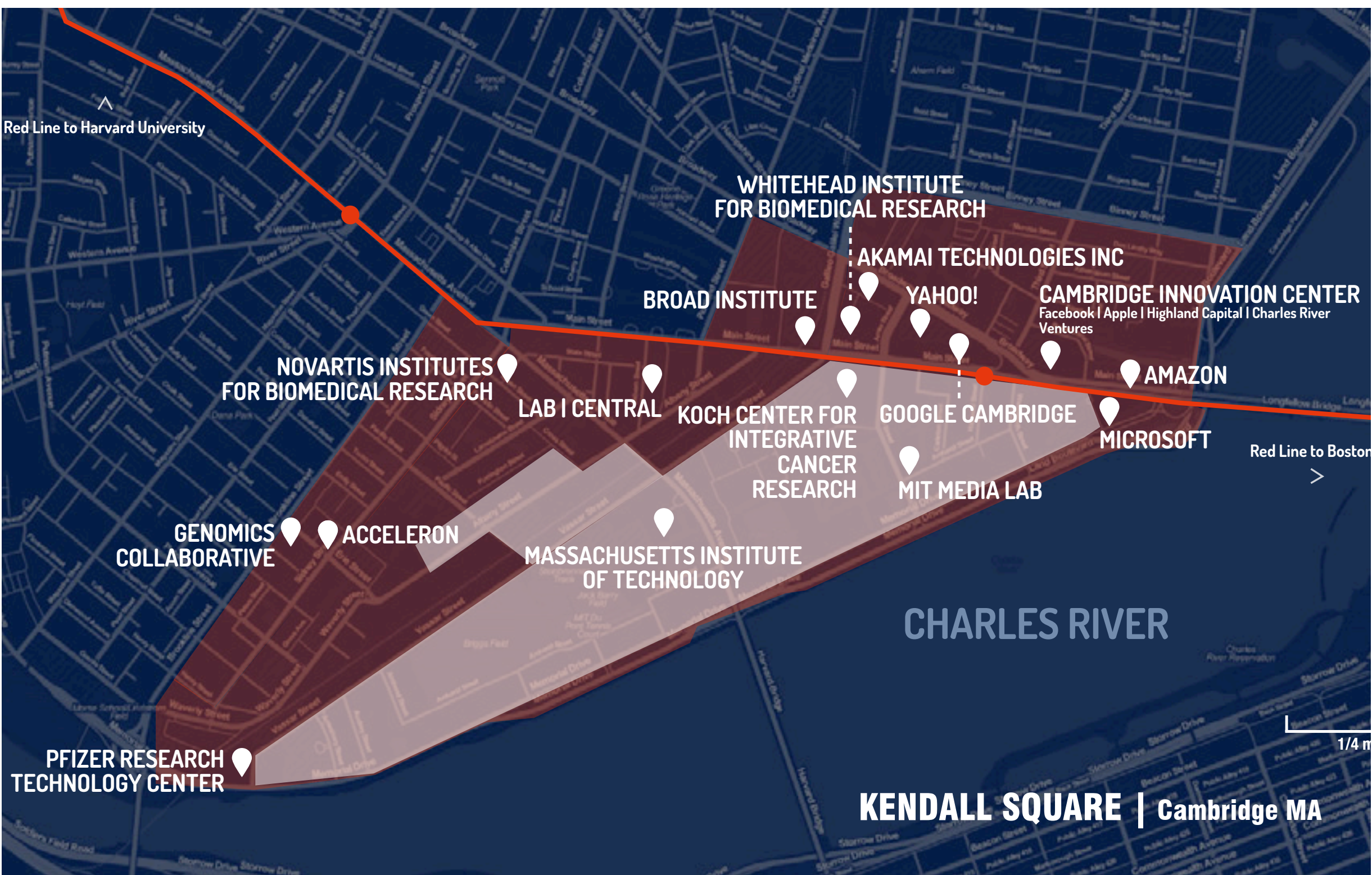


# Examples of TODs



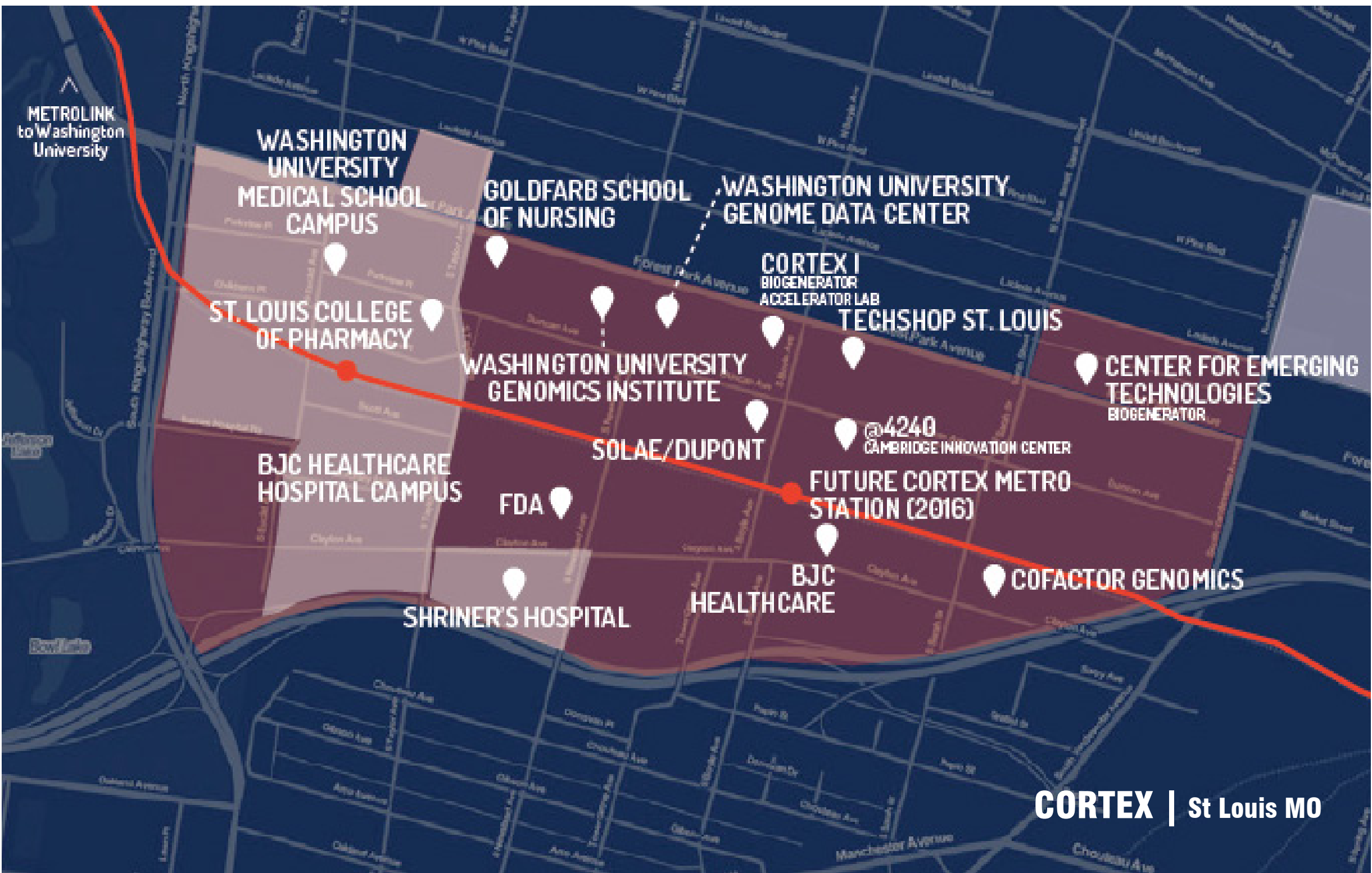


# Examples of Anchors | Innovation Hub





# Examples of Anchors | Healthcare & BioResearch Hub

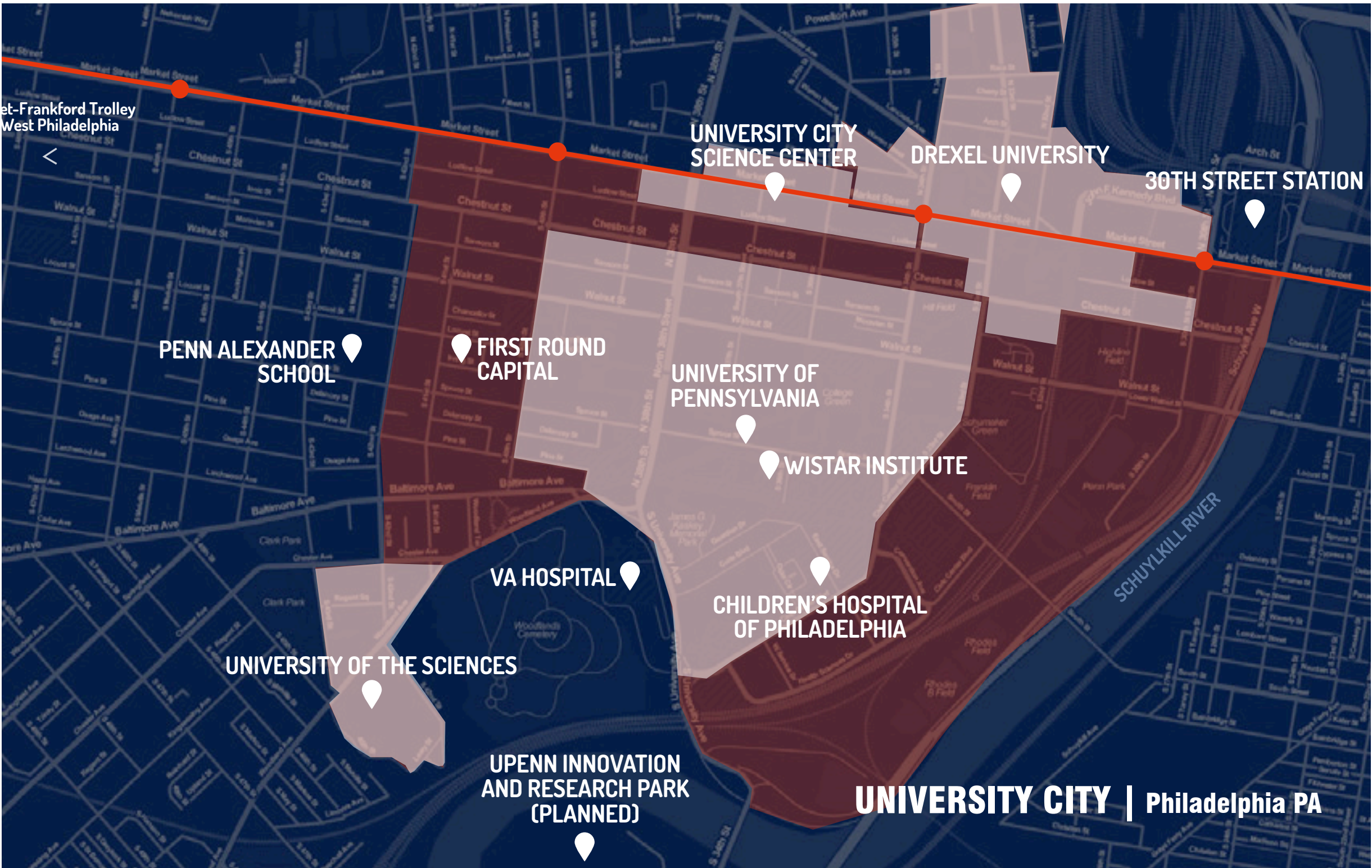


**CORTEX | St Louis MO**



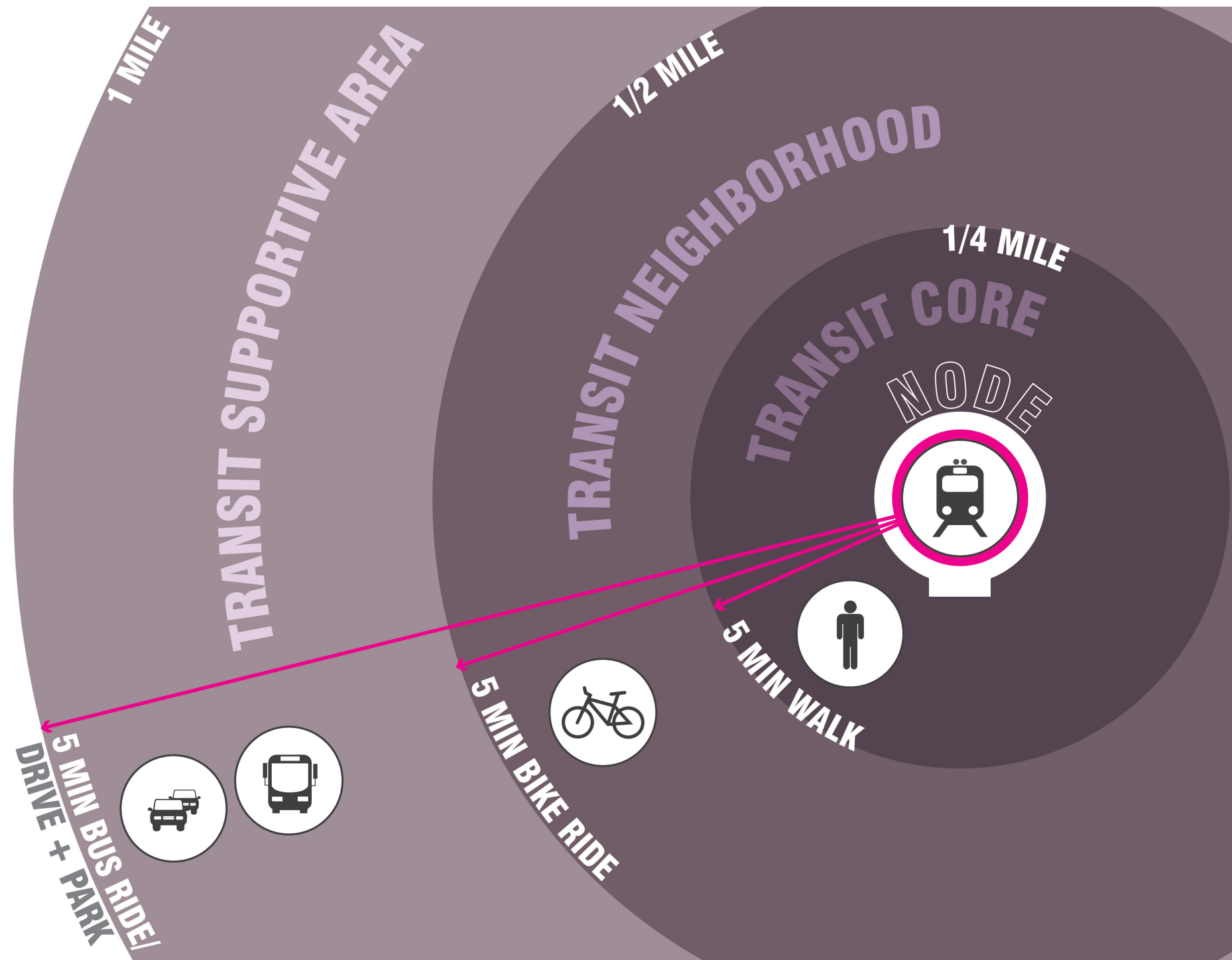


# Examples of Anchors | Education Hub





**LAND USE PATTERNS  
AFFECT  
PEOPLES  
TRAVEL PATTERNS**





# *Lincoln Road - Miami Beach*

*Distance = .60 Miles Long*

*5-10 minute walk*  
*5-minute bike ride*





# *Miracle Mile - Coral Gables*

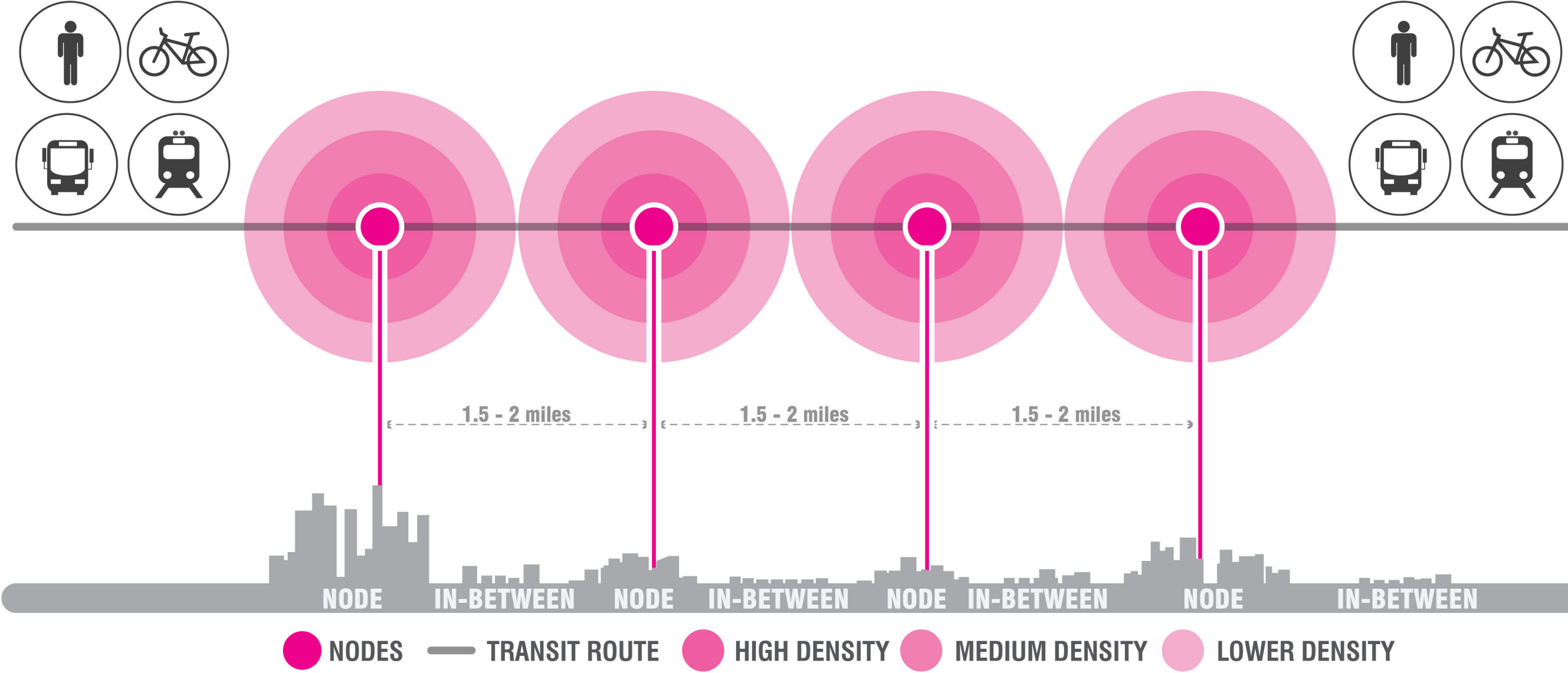
*Distance = .50 Miles Long*

*5-10 minute walk*  
*5-minute bike ride*



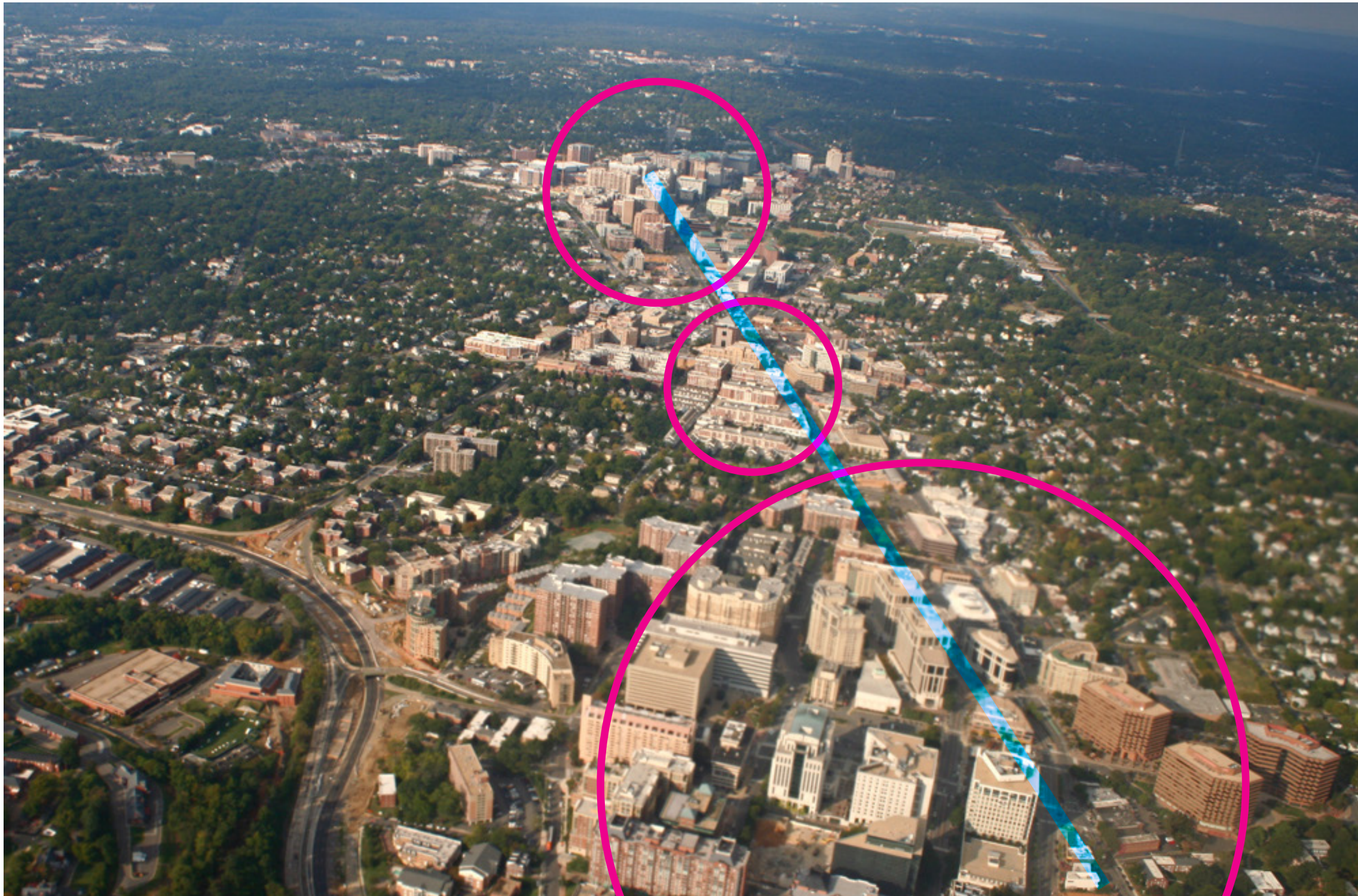


# WHAT ARE TRANSIT CORRIDORS?

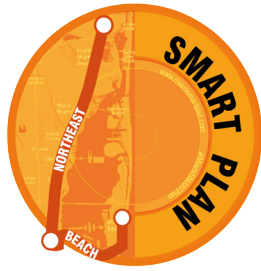




# WHAT ARE TRANSIT CORRIDORS?







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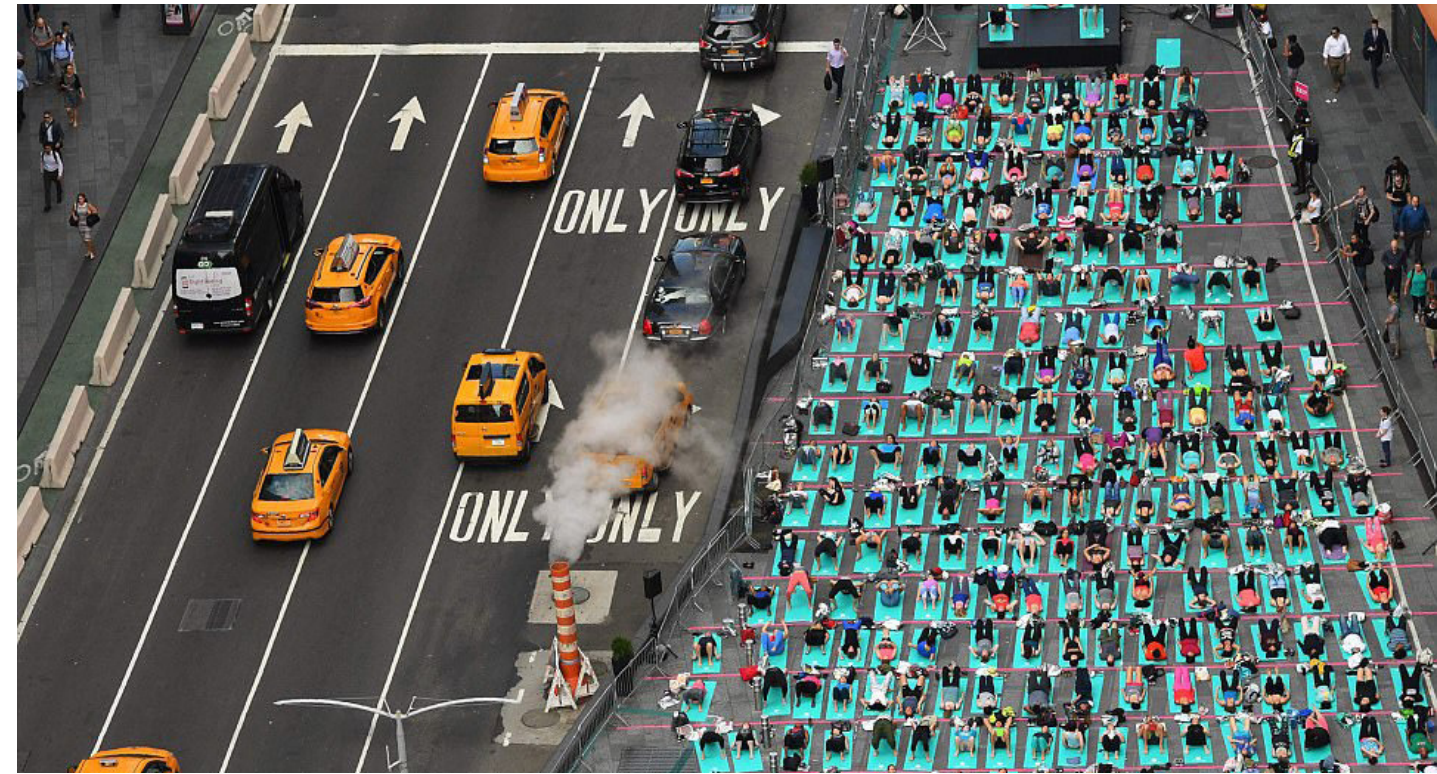


# WHAT ARE PUBLIC AMENITIES?

network of connectivity

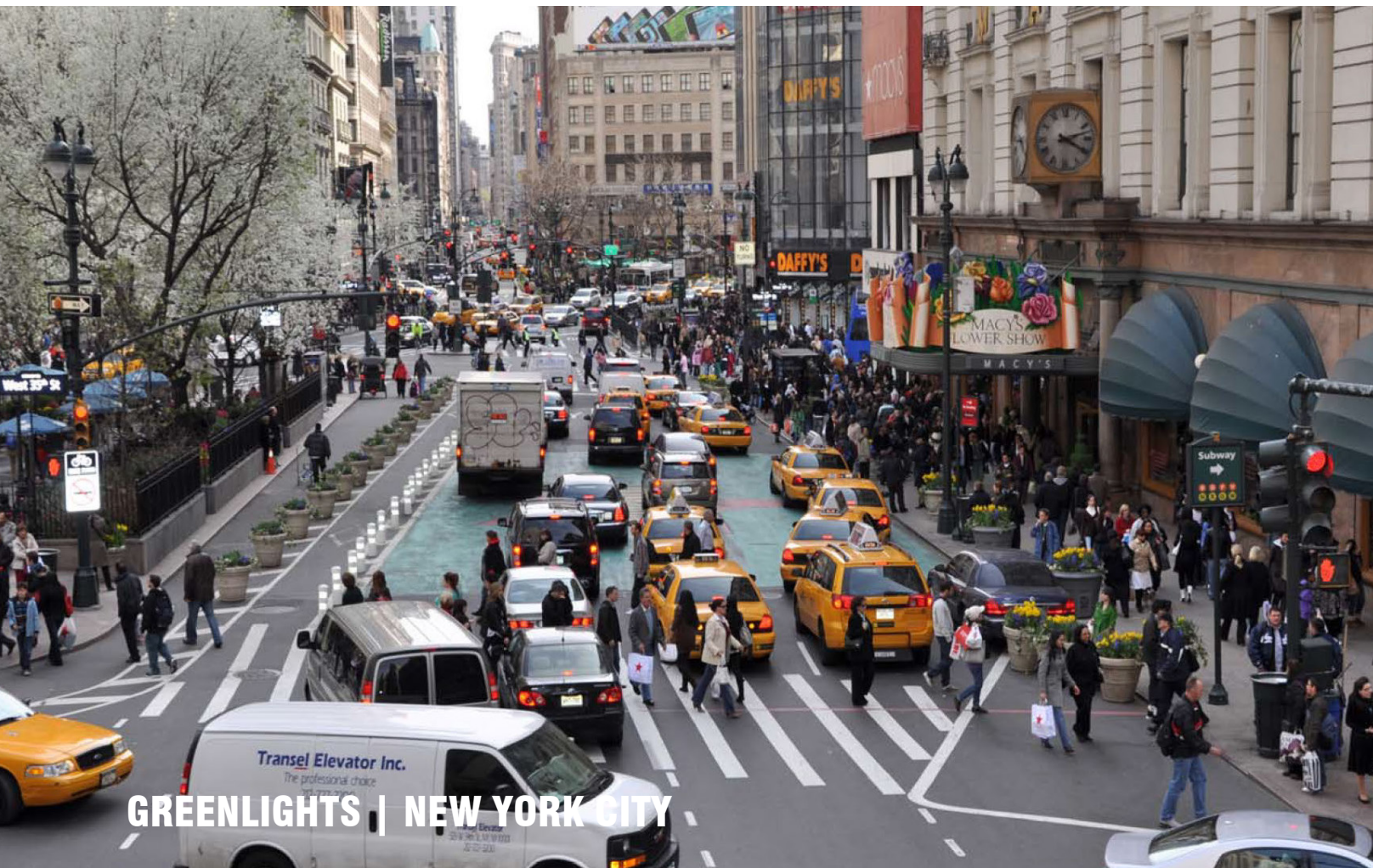
physical and  
economic use *including:*

- *mixed-use*
- *mixed-income*
- *multi-generational*



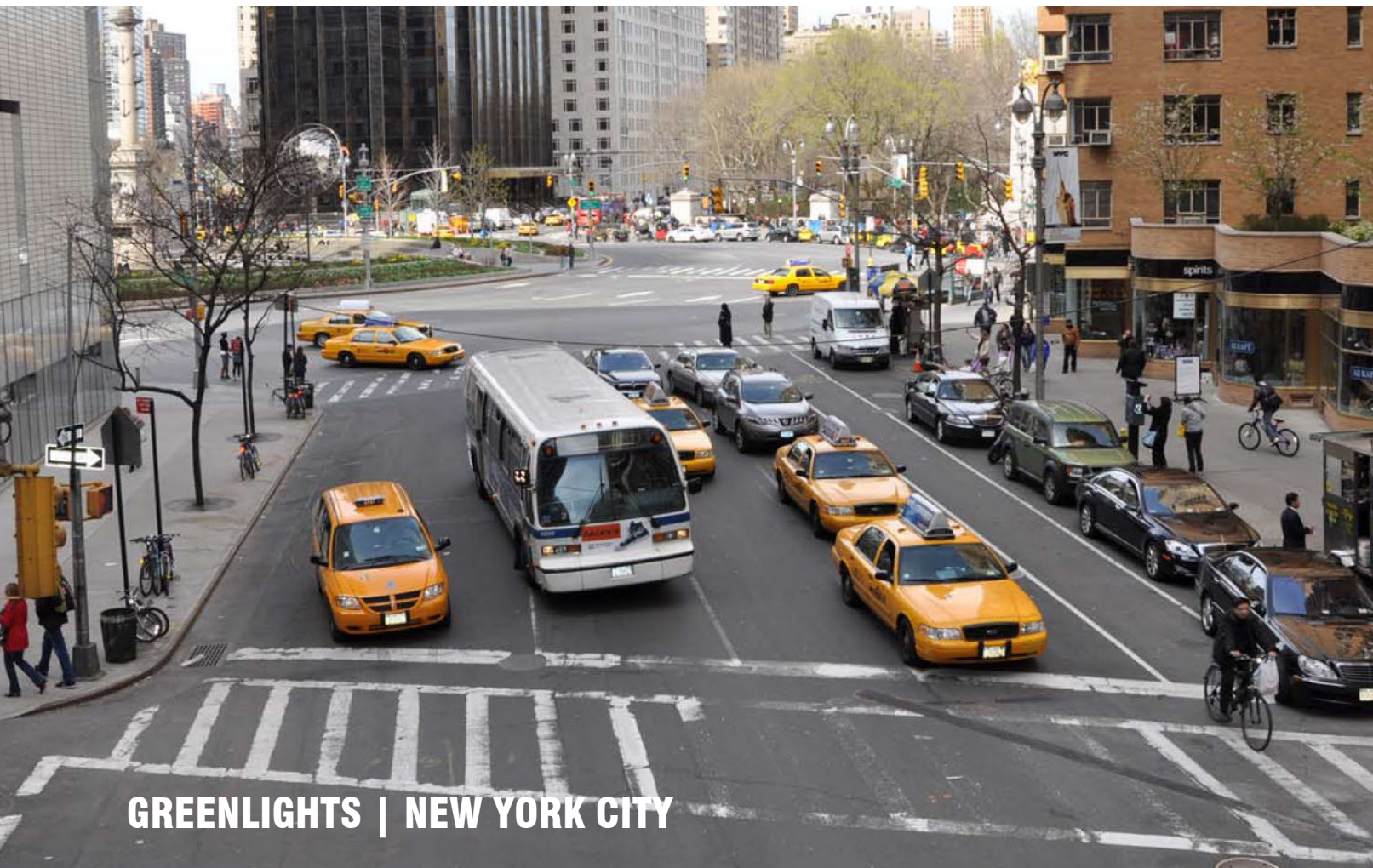


# WHAT ARE PUBLIC AMENITIES?





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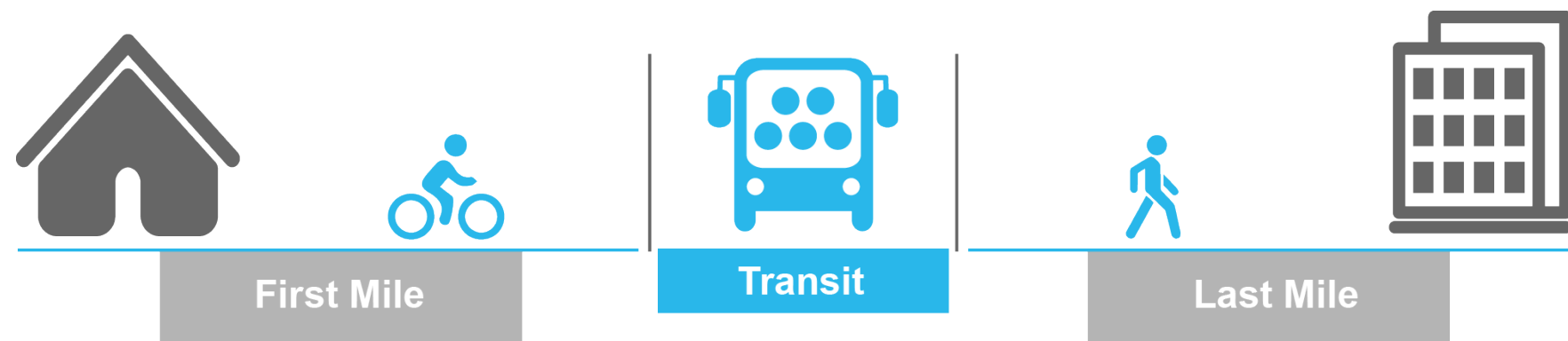


# WHAT ARE PUBLIC AMENITIES?





# FIRST MILE | LAST MILE



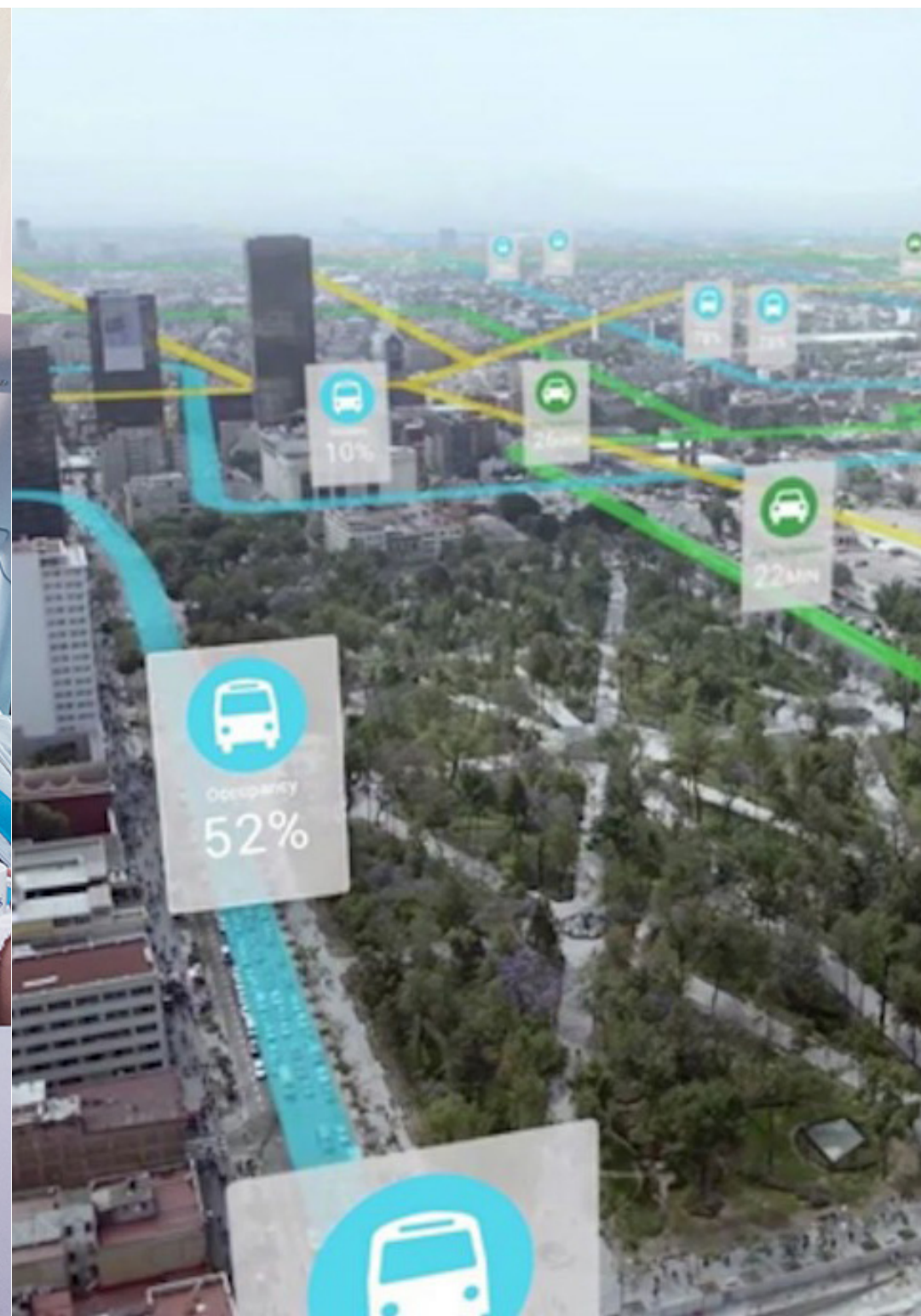
From **traditional** to **cutting edge**, range of **First Mile - Last Mile connective modes**, technologies and delivery models include:

- **Walking**
- **Personal Bicycles**
- **BikeSharing**
- **Urban Alternatives** (skateboards, electric boards)
- **Neighborhood Electric Vehicles (NEV)**
- **Private Automobile** (park-and-ride)
- **Traditional Carpooling** (drop-off / pick-up)
- **Taxi and demand-responsive networked car sharing** (Uber, Lyft, Via)
- **Self-Drive Car Sharing** (Zip Car, Car2Go)
- **Shuttles, both public and private**, publicly operated FlexBus services and micro-transit
- **Advanced Transit** (autonomous vehicles in dedicated ROW and mixed traffic)
- **Aerial Cable Transit (ACT)**





# FIRST MILE | LAST MILE





## WHAT ARE THE BENEFITS?

what happens when **people** choose to live around and/or close to transit and have the benefit of the **life style** that comes from it?



# WHAT ARE THE BENEFITS?

## Successful Transit Communities depend on:

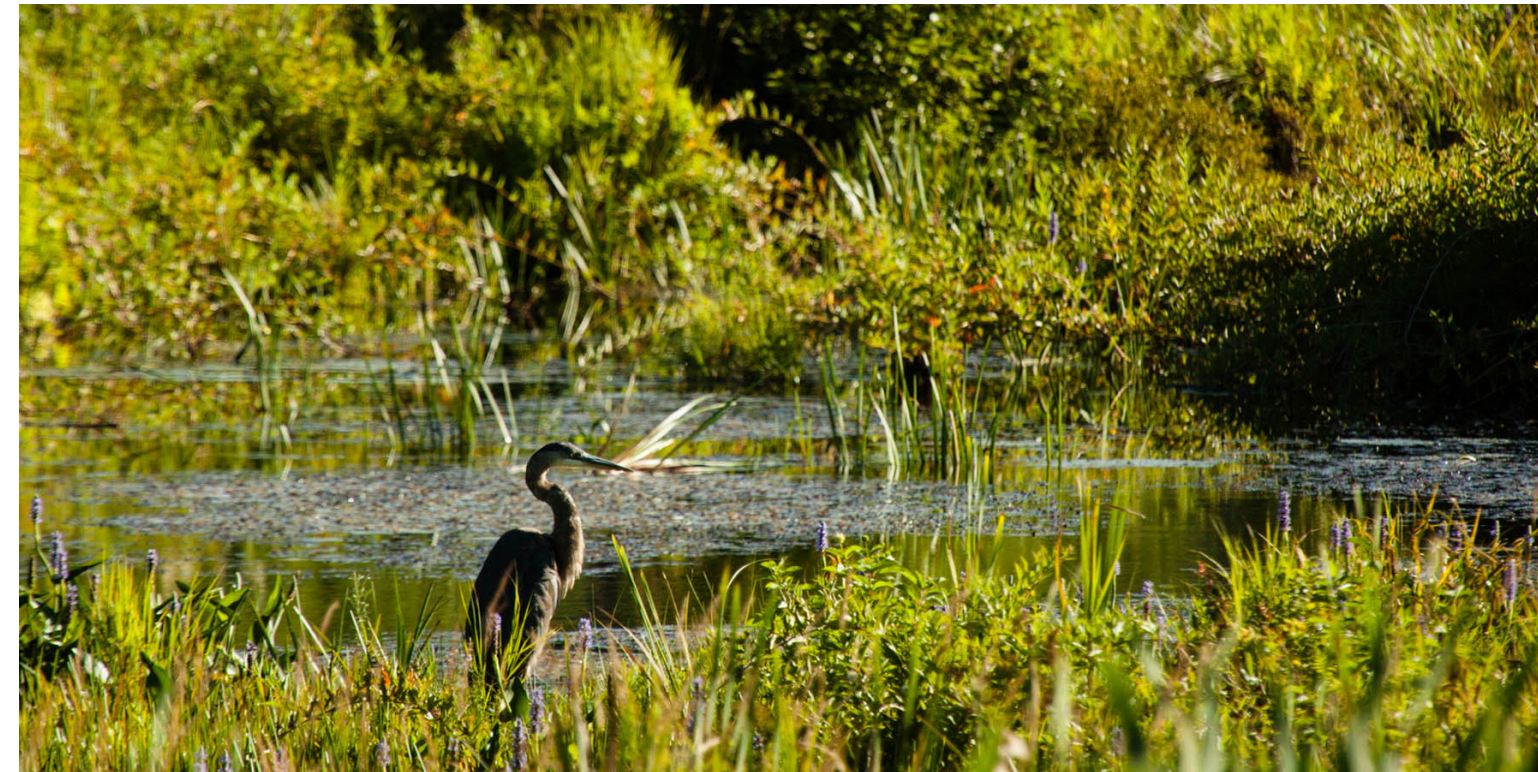
- Zoning for higher densities, if appropriate
- Protection of existing character (ie. historic preservation)
  - Investment in livability components

## Benefits of Transit Communities:

- **TIME and....**
  - *Lower household costs*
  - *Improved public health*
    - *Support diversity*
  - *Enhance business districts*
    - *Reduce carbon footprint*
- *Preserve regional open space and natural resources*



# WHAT ARE THE BENEFITS?





# WHAT ARE THE BENEFITS?





# WHAT ARE THE BENEFITS?

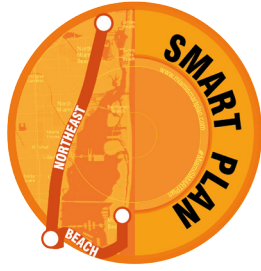




# **LIVE POLLING ROUND 2**

## **(12 QUICK QUESTIONS)**



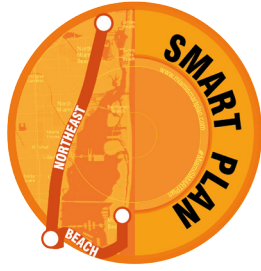


# Audience Poll

**Q1 - How do we prioritize the advantages transit can provide? Select top three (3):**

1. Shorter Commute Times
2. Mobility Options
3. Encourages Walking / Healthier Lifestyle
4. Promote Reinvestment
5. Support Regional / Local Economic Growth
6. Creates foot traffic for local businesses
7. Safer Neighborhoods – more eyes on the Street
8. Reduces transportation expenditures
9. Helps Conserve Open Space





# Audience Poll

**Q2 - What do you think adds more value to a neighborhood?**

1. Access to Transit
2. Parks
3. Retail
4. Housing

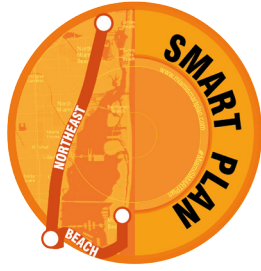


# Audience Poll

**Q3 - Do you think you need a car?**

1. Yes
2. No



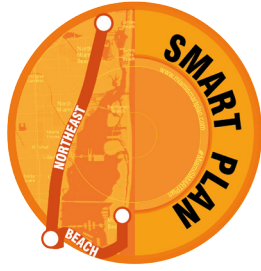


# Audience Poll

**Q4 – What services do you think need to be reasonably accessible without the use of a private vehicle?**

1. Retail Uses
2. Service Uses
3. Entertainment Uses



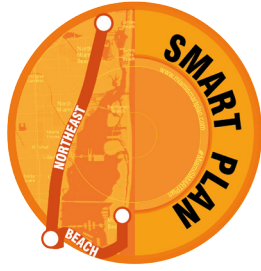


# Audience Poll

**Q5 – Do you think more workforce housing is needed along the corridors?**

1. Yes
2. No



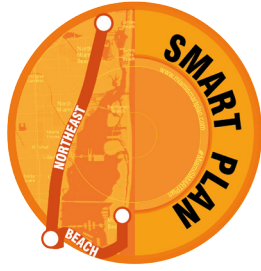


# Audience Poll

**Q6 – What type of use or public enhancement do you think should be most incentivized?**

1. Parks
2. Biking Trails
3. Mixed Use
4. Workforce Housing



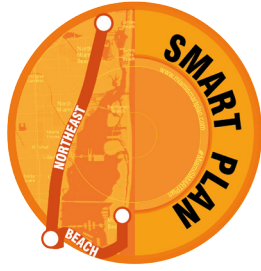


# Audience Poll

**Q7 - If you can save 1/3 of your commute time each way, would you be willing / prefer to:**

1. Walk
2. Bike



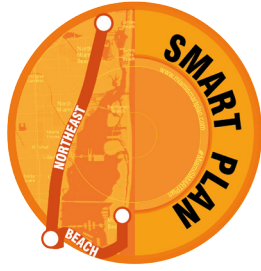


# Audience Poll

**Q8 - What are you most concerned about when taking public transit?**

1. Safety
2. Access to Transit
3. Delays
4. Reliability



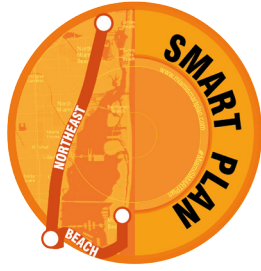


# Audience Poll

**Q9 - Would you give up a vehicular travel lane to build wider sidewalks with shade trees?**

1. Yes
2. No



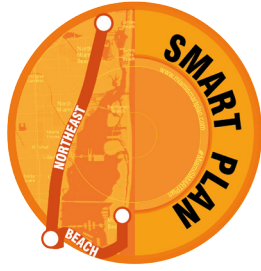


# Audience Poll

**Q10 - Would you give up a vehicular travel lane to build bike lanes?**

1. Yes
2. No



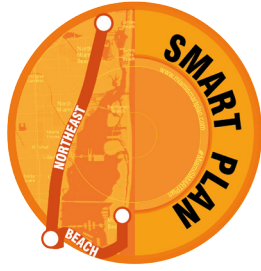


# Audience Poll

**Q11 - Would you give up parking to build more open space?**

1. Yes
2. No





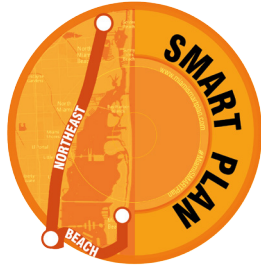
# Audience Poll

**Q12 - Would you give up a vehicular travel lane to build a dedicated transit lane?**

1. Yes
2. No



# CHARRETTE EXERCISE



# Roundtable Discussions

Breakout into groups  
by Corridor ZONE to discuss following questions:

1. WHAT ARE PREFERRED USES?
2. WHAT ARE PREFERRED WAYS TO GET TO PLACES?
3. WHERE SHOULD PREFERRED USES GO?

## YOUR VISION



# CHARRETTE EVENTS

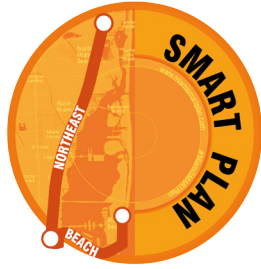
**1 CHARRETTE 1**  
**Thursday, February 01, 2018**  
**6:00pm-9:00pm**  
City of North Miami Public Library  
835 NE 132nd Street  
North Miami, FL 33161

**2 CHARRETTE 2**  
**Monday, February 05, 2018**  
**6:00pm-9:00pm**  
New World Center  
500 17th Street  
Miami Beach, FL 33139

**3 CHARRETTE 3**  
**Saturday, February 10, 2018**  
**10:00am-12:00pm**  
Miami Marriott Biscayne Bay  
1633 N Bayshore Boulevard  
Miami, FL 33132

**For more information please contact:**  
**Monica R. Diaz**, Consultant Team Public Information Officer  
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(305) 573-0089





# THANK YOU

## GET INVOLVED AND STAY INFORMED

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# BEACH - NORTHEAST CORRIDORS



Miami-Dade Transportation  
Planning Organization

