

SMART Implementation Plan Charrettes 12.2.17







THE AGENDA

- 1) Introductions (5 min)
- 2) Project Overview (20 min)
- 3) Exercises (50 min)
- 4) Reporting on Results (10 min)
- 5) Reporting from the Big Map (15 min)
- 6) Informal Conversations around the Boards





CHARRETTE EVENTS

SAVE THE DATES

South Corridor

Saturday

December 2, 2017 9:00 AM – 1:00 PM – Two 2 hour sessions Town of Cutler Bay Town Hall 10720 Caribbean Boulevard, 6th Floor Cutler Bay, FL 33189

Wednesday

December 6, 2017 6:00 PM – 8:00 PM Village of Pinecrest Evelyn Greer Park Meeting Room 8200 SW 124th Street Pinecrest, FL 33156

Thursday

December 14, 2017 6:00 PM – 8:00 PM Florida City Youth Activity Center 650 NW 5th Avenue Florida City, FL 33034

For more information please contact:
Alex David, Consultant Team Co-Manager at 786.485.5192 or ADavid@CGASolutions.com

MiamiSMARTPlan.com





THE PURPOSE



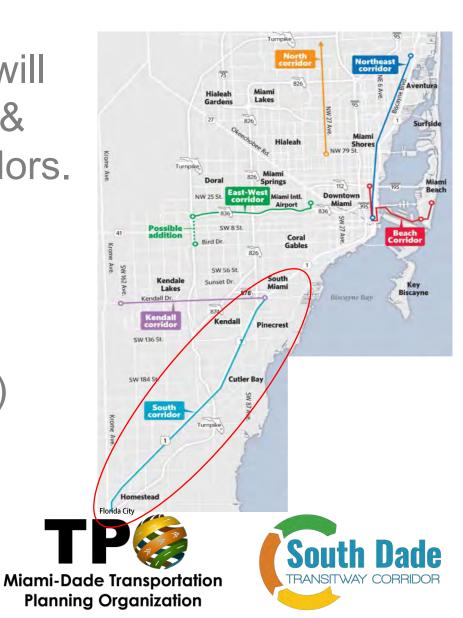


What is the SMART Plan?

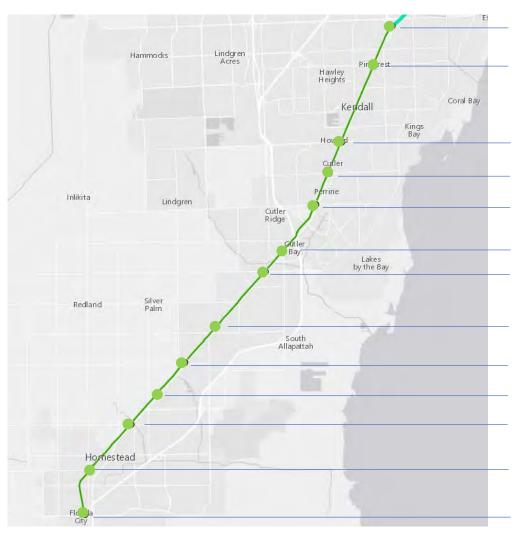
The Strategic Miami Area Rapid Transit Plan will examine the costs & viability of extending rail & other high-speed transit options along 6 corridors.

We are working on the South Corridor:

Dadeland South MetroRail Station to SW 344th Street Transit Terminal (Florida City)



The South Corridor



Transitway and Stations

Dadeland South

SW 112 Street Station Park & Ride

SW 152 St Station Park & Ride

SW 168 St Station Park & Ride

Perrine/Quail Roost Drive
Park & Ride and Urban Center

Cutler Ridge Station Urban Center

Goulds Station Urban Center

Princeton Station Park & Ride and Urban Center

Naranja Station Urban Center

Leisure City Station Urban Center

SW 296th Street Park & Ride

Homestead / NE 2nd Street
Park & Ride & Urban Center

Florida City / SW 344 Street Park & Ride

Dadeland South MetroRail Station

to

SW 344th Street Transit Terminal (Florida City)





The South Corridor

Length of Corridor

- 20 Miles

Population

- 89,040 (1/2 mile radius)
- 326,000 (2-mile radius)
 - Source: American Community Survey 2015

Employment

- 55,229 (1/2 mile radius)
- 87,000 (2-mile radius)
 - Source: LEHD Origin-Destination Employment Statistics 2015

Daily Traffic on US-1 (AADT)

- 95,000 vehicles at SR-826
 - Source: FDOT (2016)

Transitway Usage Today

- About 16,000 riders per day
 - Source: Miami-Dade DTPW (May, 2016)

2015 Parcel Data		
Land Use	Parcels	Percent
Residential	14,043	81.1
Vacant	1,901	11.0
Commercial	1,323	7.6
Industrial	34	0.2
Mixed Use	25	0.1
	17,326	100.0







What is our job today?

To plan the future of the South Corridor.

Land use, centers, transit modes, and station locations are the tools.

Remember: there is a parallel process for transit modes and station locations involving environmental studies being led by Miami-Dade Department of Transportation & Public Works (miamidade.gov/transit)

This process focuses on land uses & centers.





WHAT IS LAND USE?

Residential Land Use



Mixed-Use Land Use







WHAT ARE CENTERS?

Town Center



City Center







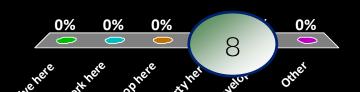
POLL





What are your primary interests in the South Corridor? Choose two.

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



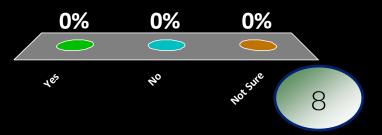
How long have you lived or worked along the South Corridor?

- 1. Less than 5 years
- 2. 5 to 10 years
- 3. 11 to 20 years
- 4. 21 to 30 years
- 5. 31 to 40 years
- 6. 41 to 50 years
- 7. 51 to 60 years
- 8. More than 60 years
- 9. I don't live here or work here



Do you live within walking distance (10 minutes walk) of an existing Transitway (Busway) Station?

- 1. Yes
- 2. No
- 3. Not Sure



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

The primary way I commute is by:

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

I also get around using.... Select up to three.

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

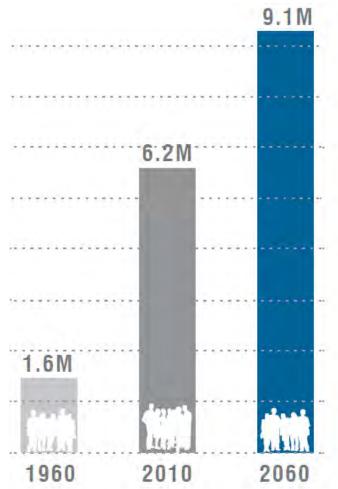
THE CHALLENGE





THE CHALLENGE:





750 people a day move to Southeast Florida.

How many are coming to Miami-Dade?

Roughly 1.4 million by 2060.

Can't we stop them?

Florida
history
suggests we
can only slow
development.
Sometimes.

Source: US Census, Seven50 Report / SERPM 2060 Trend

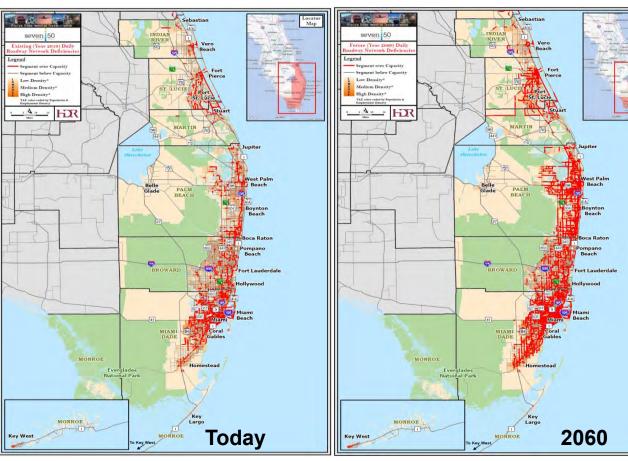




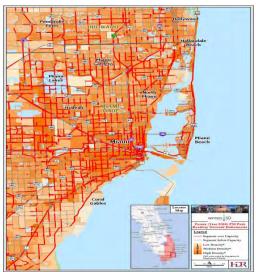


THE CHALLENGE: TRAFFIC

Anticipated Future Roadway Deficiencies If Current Trends Continue....



Can we afford to have 98% of people driving for every trip?



Source: Seven50 Report / SERPM 2060 Trend





THE CHALLENGE: TRANSPORTATION COSTS

Families Are Spending A Lot To Commute

- Just about everyone in the South Corridor commutes to work over 30 minutes (83%)
- South Corridor residents have the lowest percentage of transit commuters in Miami-Dade County: 1.1%
- South Corridor residents have the lowest percentage of commuters who walk or bike in Miami-Dade County: 0.4%

Source: US Census, Center for Neighborhood Technology (CNT Index) (August, 2017)





THE CHALLENGE: TRANSPORTATION COSTS

Families Are Spending A Lot To Commute

- South Corridor residents pay 32% of household income (\$64,166 median household per year) in transportation costs. Transportation costs are considered affordable at 15%.
- Families can decrease driving costs by biking, walking, or using transit more.

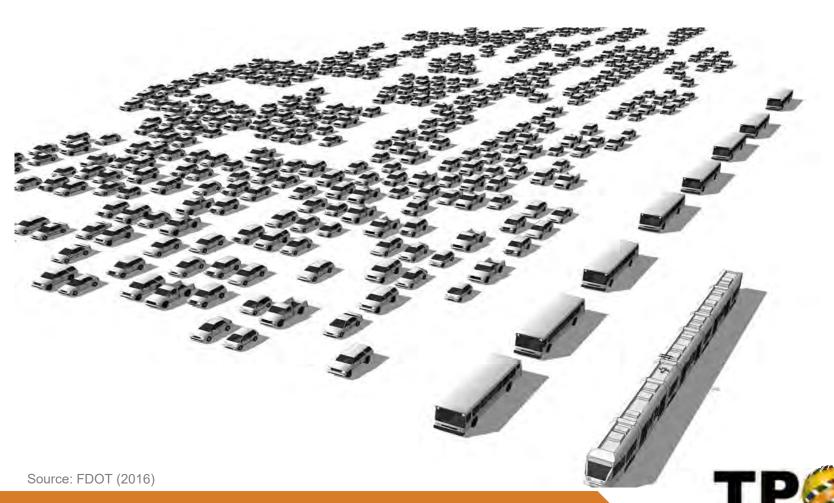
Source: US Census, Center for Neighborhood Technology (CNT Index) (August, 2017)





THE IDEA: TRANSIT REDUCES NUMBER OF NEW CARS

400 Cars = 8 Buses = 1 Train



Transitway: 18,000 boardings per day

MetroRail: 70,000 boardings per day on average

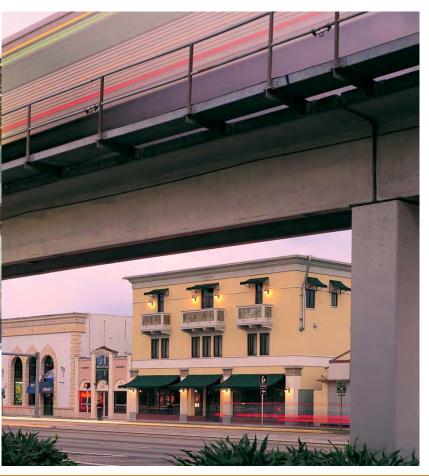
That's a lot of cars not on the road.



Miami-Dade Transportation Planning Organization

THE IDEA: NEW PEOPLE = GREAT NEW PLACES

Walkable, affordable, mixed-use places are possible (Sometimes. After a lot of work)







South Miami is a place where people actually do live, work & play





THE IDEA: NEW PEOPLE = GREAT NEW PLACES

Walkable, affordable, mixed-use places are possible (Sometimes. After a lot of work)







South Miami, Dorn Ave in 1992

Today





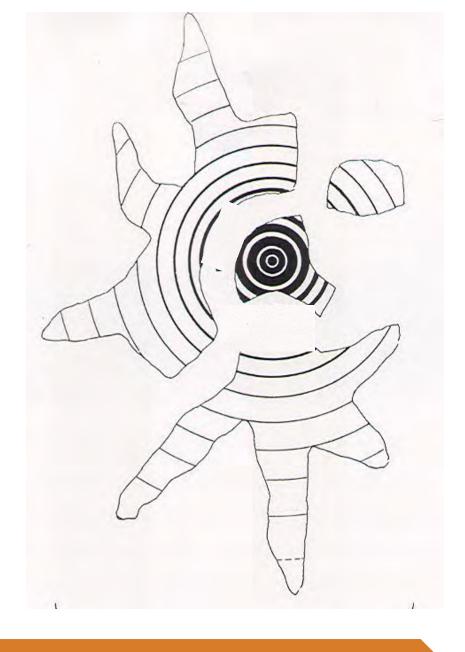
THE IDEA: GREAT NEW PLACES = WORKPLACES

Maybe... if places like Homestead continue to grow and become regional employment centers then fewer people will have to drive north.

What if the people between Florida City & Pinecrest did not have to go north for work?











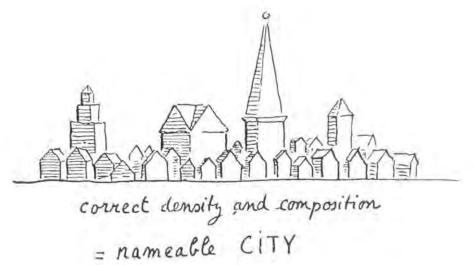








too low density (functimal soming) too high density = so-called "CITY"







WHAT IS THE TRANSITWAY?

(formerly known as the Busway)





TODAY: BUS TRANSIT. FLORIDA CITY TO DADELAND SOUTH

It was once a train line. Now it has a bus. It has been renamed the "transitway."







From Downtown to Florida City (or back)= 2 hours to 2.5 hours; Transitway: 33 stops





TODAY: A MIX OF INVESTMENT & DISINVESTMENT

There are walkable centers: Cutler Bay, Homestead, Florida City. But not many



Bus stops rarely near anything



Some big housing investments



Potential





THE TOOLS





GREAT PLANS HAVE BEEN DONE: WE'RE USING THEM

What has been done before?

The County & TCRPC have done great work.

Previous Plans/Charrettes:

Cutler Ridge

Downtown Kendall

East Kendall

Goulds

Leisure City

Naranja

Perrine

Princeton

Pinecrest Parkway (US1) Vision Plan

Palmetto Bay Franjo Triangle & US1

Literature Review of Transit Studies - Multiple

First/Last Mile Study (Ongoing)

September 2002 June 1998 (Built)

June 2008

1999

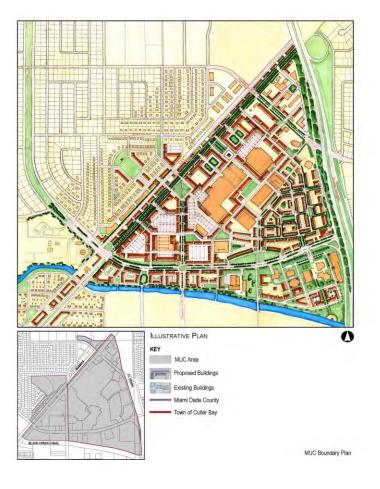
October 2004

August 2001

January 2003

June 2003

October 2012



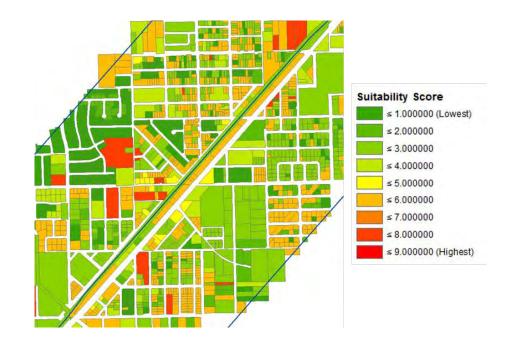




REDEVELOPMENT SUITABILITY SCORE

How it's Done

- Single Numerical Score that reflects a parcel's suitability for development/redevelopment.
- Composed of five scores on parcels, attributes connected to redevelopment suitability.
- Assigns relative weights for each of the five components.







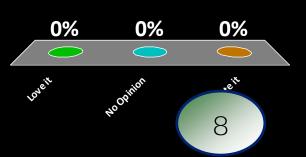
POLL





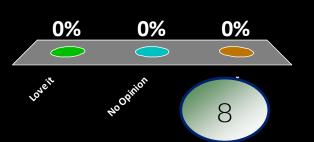


- 1. Love it
- 2. No Opinion
- 3. Hate it





- 1. Love it
- 2. No Opinion
- 3. Hate it





- 1. Love it
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- 3. Hate it



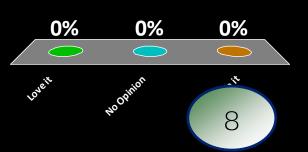


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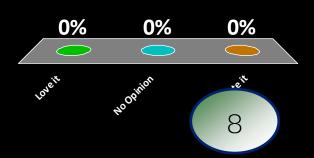


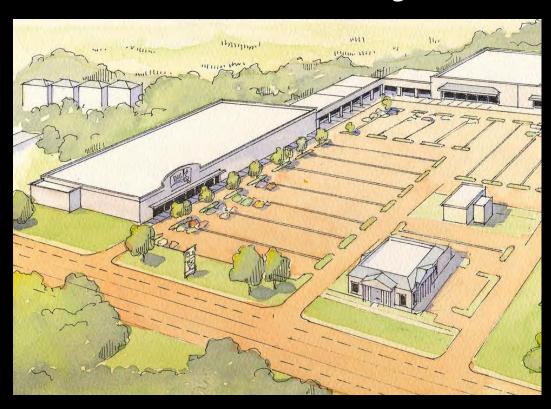
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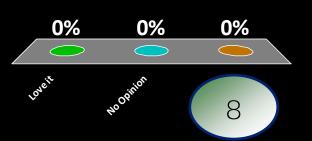


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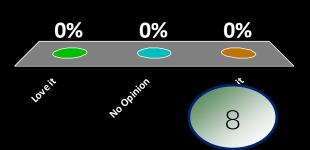


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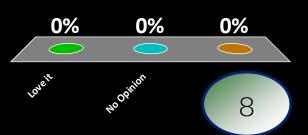


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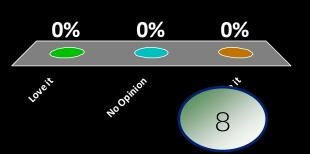


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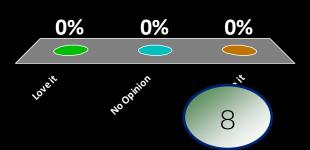


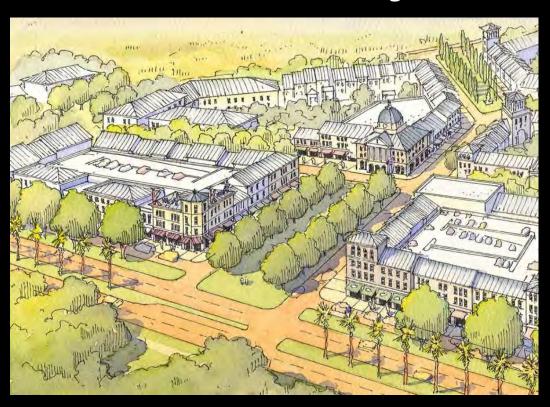
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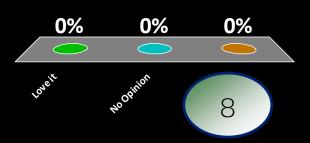


- 1. Love it
- 2. No Opinion
- 3. Hate it





- 1. Love it
- 2. No Opinion
- 3. Hate it



streets





streets









commercial streets



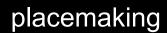


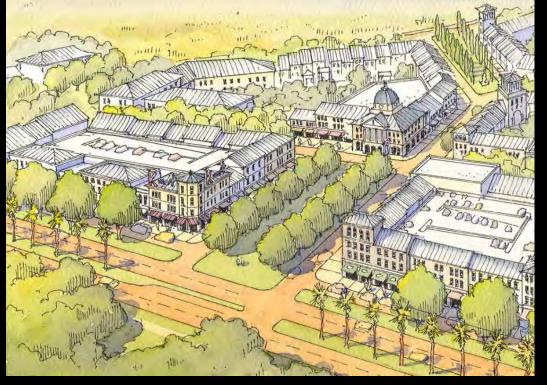


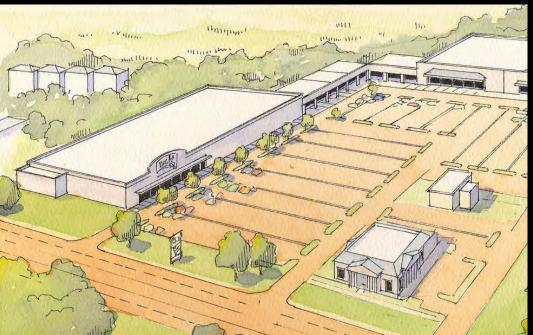




commercial addresses: hotels







EXERCISE 1: GOALS





Goals: Exercise 1

Place two green dots below the goals most important to you for the South Corridor.

Of the many potential goals to pursue, which two are MOST IMPORTANT TO YOU?

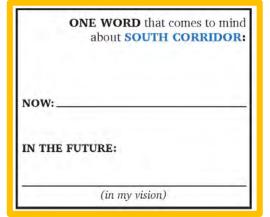
Reduce Carbon Emissions	Strengthen Walking & Biking Opportunities	Expand Housing Choices	Increase Job Opportunities	Enhance Transit Service
Preserve Farmland	Upgrade the South Dade Trail	Lower Household Costs	Add Property Taxes for Schools & Services	Create Walkable Communities
other (add your ideas here!)				

SMART Implementation Plan Charrette South Corridor

goals poster

South Dade Transitway Corridor

one word card





detailed surveys





EXERCISE 2: CENTERS





CENTERS

We're discussing compact, walkable, mixed-use centers supported by transit. There are different kinds of centers.

Place two green dots below the kind of centers you want to see more of on the South Corridor. Place one red dot below the kind of center you do not want to see.

On MAP EXERCISE 4 you will decide where these centers should be located.

More Amenities | More People | Taller Buildings

1) City Center (Example 1)





2) City Center (Example 2)







3) Town Center (Example 1)



What does this type of place offer?

- · High level of pedestrian activity and economic vitality
- · Wide mix of uses in a compact format
- · Most daily needs like work, shopping, and recreation are offered just a short walk away

Height
• Usually 8 to 25 stories; tallest near stations

· Multi-family housing with ground floor retail or office

Jobs & Education · Regional employment center attracting employees from the

- · Higher quality schools and more school choice than less dense

Shopping, Restaurants, and Entertainment

- · Grocery stores and pharmacies
- · Regional shopping destinations with national chains and brands as well as local shops
- · Regional event spaces for shows, concerts, and other events · A large number and variety of sidewalk cafes, restaurants, and
- hars including a mix of local and national brands
- · Movie theater:

· High quality public parks and squares with regularly held events · Connecting network of trails for bike and pedestrian commuters

- · Job incubators and less expensive spaces for rent

- . Vibrant mix of retail, office, and residential uses and a higher
 - · Serves local residents and those from the surrounding area

What does this type of place offer?

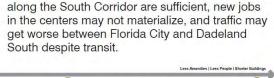
· Many daily needs (work, shopping, recreation) can be met

Usually 6 to 10 stories with tallest buildings near the station.

- . Multi-family housing with ground floor retail or office near the
- · Attached single-family homes further from the center

Pro: Advocates for centers say that by building on the transit corridor premium transit is more likely, more open space can be preserved elsewhere (including the Everglades), and affordable units will provide housing for young people and retirees.

Con: Critics of centers say the existing destinations along the South Corridor are sufficient, new jobs



4) Town Center (Example 2)















Local employment center with short commutes for employees

· Small grocery store, Farmer's markets at major intersections

Shopping, Restaurants, and Entertainment

- · A large number and variety of sidewalk cafes, restaurants, and bars including a mix of local and national brands
- Local shopping destination with local stores and some national

Open Spaces

· Public parks and squares with regularly held events

What does this type of place offer?

5) Neighborhood Center (Example 1)

- . "Main Street" environment near the station with some ground floor retail and office
- · Serves local residents primarily but can be a destination for people aware of the place
- · Some monthly needs (like shopping) can be met within the

· 3 to 4 stories nearest the station, transitioning to 1 to 2 stories

Housing

 Mostly single family attached or detached housing with some multi-family housing units closest to the station

Jobs & Education

· Some local jobs, primarily in the service sector

· Corner stores and farmer's markets at major intersections near

Shopping, Restaurants, and Entertainment

A few small-scale local retail uses

Open Spaces

· Larger scale green spaces with a wide variety of uses but fewer





KINDS OF CENTERS: CITY CENTER







Downtown Kendall, Miami Metrorail + Tri-Rail

Uses

Government Centers

Pharmacies

Restaurants

Banks

University or College

Detached Houses

Apartments

Corporate Offices

Luxury Residential

Regional Shopping

Workplaces

Multimodal Streets

Trails & Street Trees

Streetcars

Preforming Arts Centers

Cinemas

Cafes

Gym

Hair Salons

Bakery

Bars

Breweries

Dry Cleaning

Non-profit Headquarters

Professional Offices

Medical Offices

Children's Recreation



KINDS OF CENTERS: TOWN CENTER







City Place, West Palm Beach Tri-Rail & Rubber Tire Trolleys

Uses

Government Centers

Restaurants

Cafes

Banks

Detached Houses

Apartments

Corporate Offices

Luxury Residential

Regional Shopping

Workplaces

Multimodal Streets

Street Trees

Cinema





KINDS OF CENTERS: TOWN CENTER







South Miami Metrorail & Tri-Rail

Uses

Government Centers

Restaurants

Cafes

Salons

Banks

Single-family Houses

Detached Houses

Apartments

Corporate Offices

Luxury Residential

Regional Shopping

Workplaces

Multimodal Streets

Street Trees

Cinema





KINDS OF CENTERS: NEIGHBORHOOD CENTER







Mueller, Austin, Texas Commuter Rail (Heavy Rail, like MetroRail)

Uses

Government Centers

Restaurants

Cafes

Salons

Banks

Single-family Houses

Detached Houses

Apartments

Corporate Offices

Workplaces

Multimodal Streets

Street Trees

Cinema







CENTERS

Station Typologies



50 to 100 units/acre



30 to 50 units/acre



10 to 30 units/acre



Employment Center

varies



Park-and-Ride

3 to 5 units/acre





EXERCISE 3: LEVELS OF INVESTMENT





LEVELS OF INVESTMENT

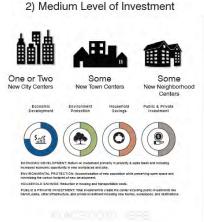


The level refers to both public investment (like transit, parks, and infrastructure) and private investment (like new homes, jobs, and destinations), because they are linked. The level of investment is reflected in the distribution of Center Types along the corridor.

Place one green dot below the level of investment you want to see along the South Corridor. Place one red dot below the level of investment you do not want to see.













PERFORMANCE METRICS



Economic Development

Return on investment primarily in property & sales taxes and including increased economic opportunity in new workplaces and jobs.





Economic Opportunity & Revitalization

More "Main Street Style"
Walkable Places





Environmental Protection

Accommodation of new population while preserving open space and minimizing the carbon footprint of new development.

Additional Funding
Available for Parks & Trails





Reduction in per Capit
Carbon Dioxide
Emissions

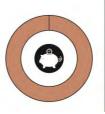








PERFORMANCE METRICS



Household Savings

Reduction in housing and transportation costs.



Public & Private Investment

Total investment to create the center including public investments like transit, parks, other infrastructure, and private investment including new homes, workplaces, and destinations.

Household Savings for Families Using Transit





Number of Homes Near Transit

Opportunity for
Convenient
1 or 0 Car Households





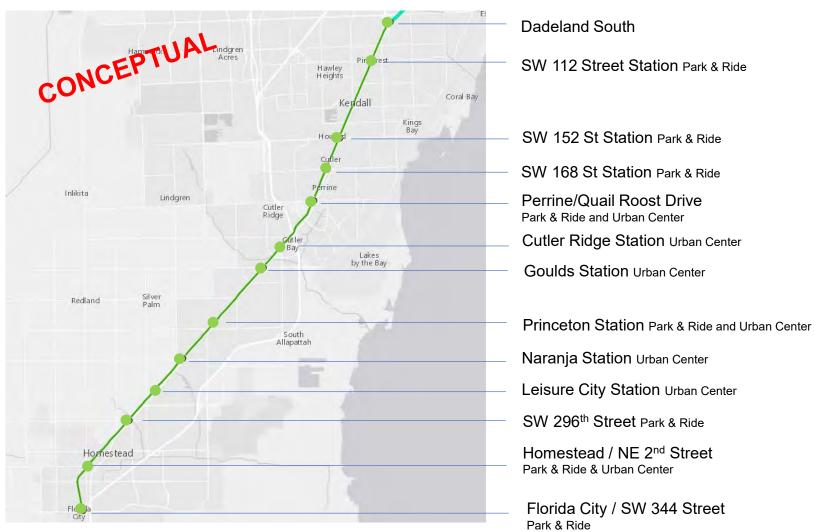


EXERCISE 4: THE BIG MAP





PATHWAYS FEED TRANSIT

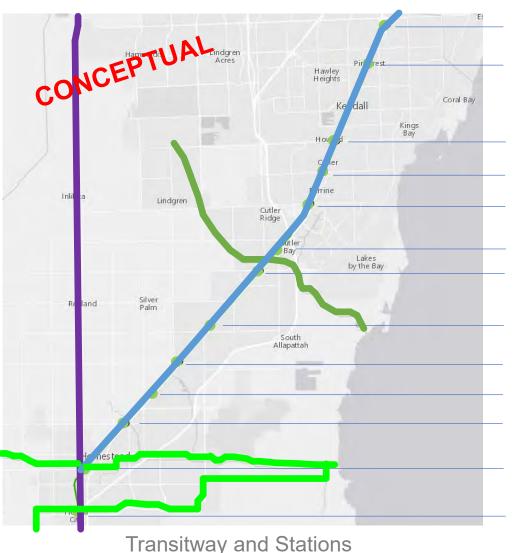


Transitway and Stations





PATHWAYS FEED TRANSIT



Dadeland South

SW 112 Street Station Park & Ride

SW 152 St Station Park & Ride

SW 168 St Station Park & Ride

Perrine/Quail Roost Drive
Park & Ride and Urban Center

Cutler Ridge Station Urban Center

Goulds Station Urban Center

Princeton Station Park & Ride and Urban Center

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Leisure City Station Urban Center

SW 296th Street Park & Ride

Homestead / NE 2nd Street Park & Ride & Urban Center

Florida City / SW 344 Street Park & Ride

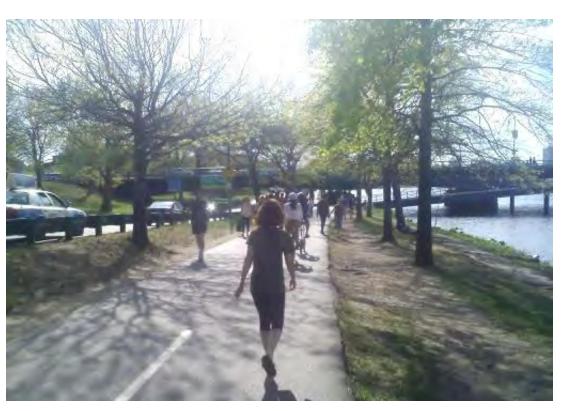
South Corridor Trails

- 1. South Dade Trail /
 East Coast
 Greenway
- 2. Black Creek Trail
- 3. Biscayne-Everglades Greenway
- 4. Krome Avenue Trail (and Bikelane)





TRAILS TO TRANSIT: BOSTON



Trails in Boston



Commuting by Bike





TIME FOR THE EXERCISES





RESULTS AT: 10:35 a.m.





RESULTS

- Exercise 1, Goals: this group chose...
- 1) Enhance Transit Service, 2) More Walking & Biking, 3) Create Walkable Communities

Exercise 2, Centers: this group chose...

1)Town Centers, 2) City Centers (mixed feelings)

Exercise 3, Levels of Investment: this group chose primarily...

Medium





A TOUR

CONCEPTOUALandgren Coral Bay Inlikita Lindgren Lakes by the Bay Redland South Allapattah Homestead

Transitway and Stations

Dadeland South

SW 112 Street Station Park & Ride

SW 152 St Station Park & Ride

SW 168 St Station Park & Ride

Perrine/Quail Roost Drive
Park & Ride and Urban Center

Cutler Bay (Ridge) Station Urban Center

Goulds Station Urban Center

Princeton Station Park & Ride and Urban Center

Naranja Station Urban Center

Leisure City Station Urban Center

SW 296th Street Park & Ride

Homestead / NE 2nd Street Park & Ride & Urban Center

Florida City / SW 344 Street Park & Ride





Perrine Station

existing conditions



Uses
Restaurant
Small Shopping Mall
Detached Houses





Perrine Station

moderate investment



Uses
Restaurants
Small Shopping Mall
Detached Houses
Multifamily Units
Offices
Pharmacy

½ Mile Station Area

New Jobs: 550

New Housing Units: 120 New Leasable: 200K SF

New Muni Revenue: \$280K





Cutler Bay Station

existing conditions



Uses
Civic
Gas Station
Motel
Apartments
Mid-Size Mall





Cutler Bay Station

moderate investment



Uses
Civic
Gas Station
Motel
Apartments
Mid-Size Mall
Attached Homes
Offices
Row of Cafes
Luxury Hotel
Extended-Stay Hotel

1/2 Mile Station Area

New Jobs: 750

New Housing Units: 280 New Leasable: 300K SF New Tax Revenue: \$260K





Cutler Bay Station

high investment



Uses
Civic
Gas Station
Motel
Apartments
Mid-Size Mall
Attached Homes
Offices
Row of Cafes
Luxury Hotels
Economy Hotels
Civic Green
Street Trees
Multimodal Streets

1/2 Mile Station Area

New Jobs: 1,150

New Housing Units: 560 New Leasable: 1.2M SF New Tax Revenue: \$460K





Goulds Station

existing conditions



Uses
Gas Station
Motel
Apartments
Day care center
Box retail





Goulds Station

high investment



Uses Motel Apartments Day care center Restaurants **Detached Houses** Apartments Workplaces Multimodal Streets Trails & Street Trees **Government Centers** Restaurants & Cafes University or College Luxury Residential Regional Shopping

½ Mile Station Area

New Jobs: 850

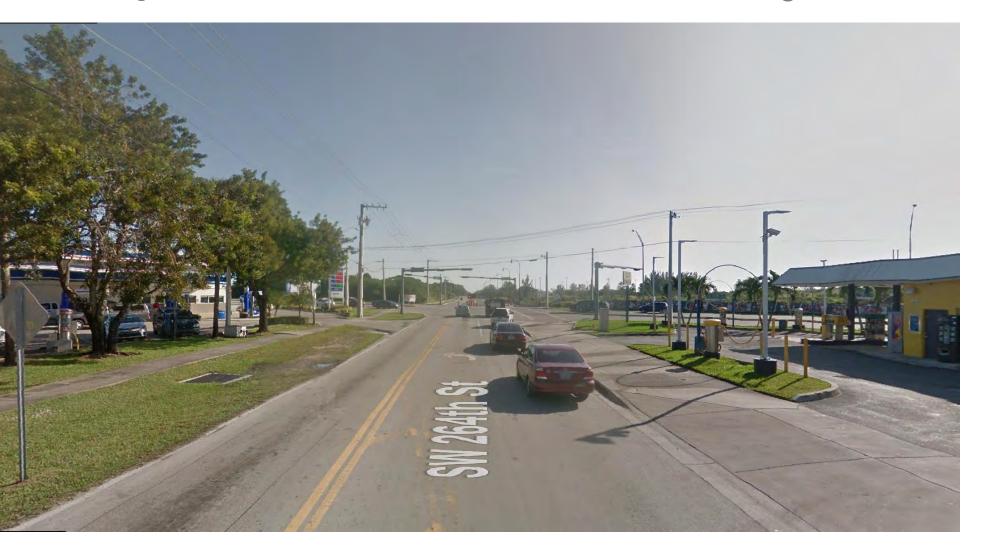
New Housing Units: 350

New Leasable: 840K

New Muni Revenue: \$380K











Naranja Station

existing conditions



Uses
Gas Station
Motel
Apartments
Day care center
Strip Shopping





Naranja Station

moderate investment



Uses
Gas Stations
Hotel
Apartments
Day care centers
Cafes
Restaurant
Detached Houses
Small Offices
Shops
Industrial Spaces
Farmer's Market

1/2 Mile Station Area

New Jobs: 410

New Housing Units: 410

New Leasable: 210K

New Muni Revenue: \$340K



Existing intersection at US-1 and Waldin Drive







existing conditions



Uses
Restaurant
Shopping Mall
Detached Houses
Gas Stations





moderate investment



<u>Uses</u>

Restaurant
Shopping Mall
Detached Houses
Town Homes
Gas Stations
Restaurants
Pharmacies
Shopping Mall
Cafes
Multiple Squares & Plazas

½ Mile Station Area

New Jobs: 420

New Housing Units: 280 New Leasable: 300K SF

New Muni Revenue: \$410K







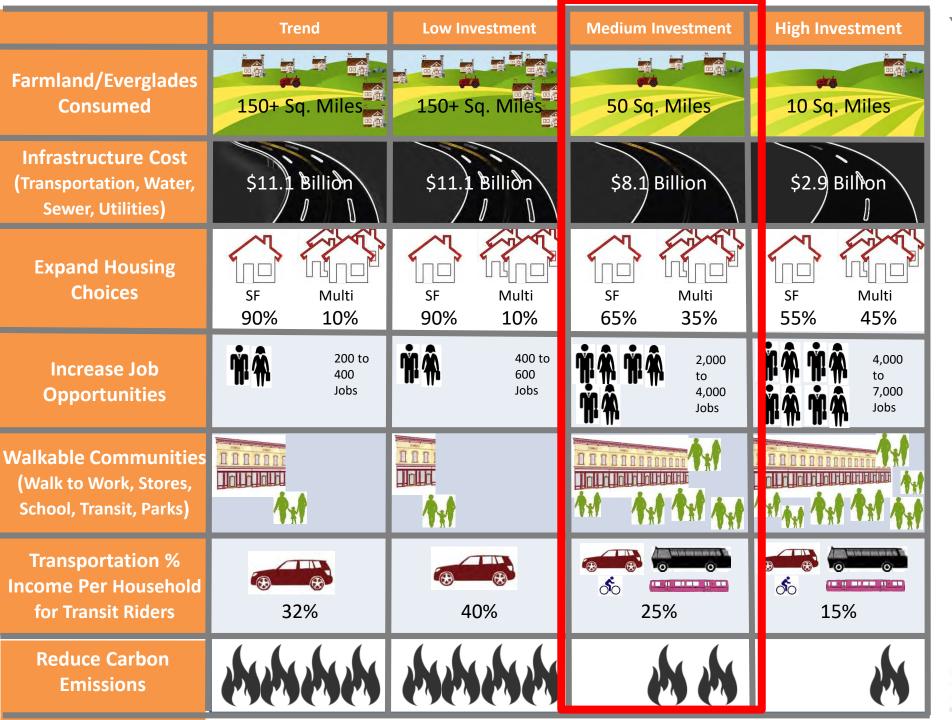












You chose...

In general, a quick survey of today's results reveal that this group chose a scenario similar to...

More tabulation is necessary. And the conversation continues....

CONCEPTUAL





CHARRETTE EVENTS

SAVE THE DATES

South Corridor

Saturday

December 2, 2017 9:00 AM – 1:00 PM – Two 2 hour sessions Town of Cutler Bay Town Hall 10720 Caribbean Boulevard, 6th Floor Cutler Bay, FL 33189

Wednesday

December 6, 2017 6:00 PM – 8:00 PM Village of Pinecrest Evelyn Greer Park Meeting Room 8200 SW 124th Street Pinecrest, FL 33156

Thursday

December 14, 2017 6:00 PM – 8:00 PM Florida City Youth Activity Center 650 NW 5th Avenue Florida City, FL 33034

For more information please contact:
Alex David, Consultant Team Co-Manager at 786.485.5192 or ADavid@CGASolutions.com

MiamiSMARTPlan.com





TPO Project Manager

Jeannine Gaslonde

(305) 375-1739

Jeannine.Gaslonde@miamidade.gov

CGA Project Manager

Eric Czerniejewksi, P.E., ENV SP

(954) 766-2735

ECzerniejewski@cgasolutions.com

CGA Project Manager
Alex A. David, AICP
(786) 485-5192
ADavid@cgasolutions.com

THANK YOU Any Questions?

www.miamiSMARTplan.com





