

Miami Intermodal Center



The Miami Intermodal Center

BPAC Presentation – December 13, 2011



Miami Intermodal Center



What is the Miami Intermodal Center Program?

- Transportation hub for South Florida region
- First program of its kind undertaken by FDOT
- Major partners/stakeholders include
 - USDOT / FHWA
 - Miami-Dade County & its transportation agencies
 - MDX
 - SFRTA



U.S. Department
of Transportation

Federal Highway
Administration



Miami Intermodal Center



Program Goals



- Provide real **connectivity** between all modes of transportation in South Florida & improve connections to major highways
- **Decongest** roads leading to county's number one economic generator (MIA)

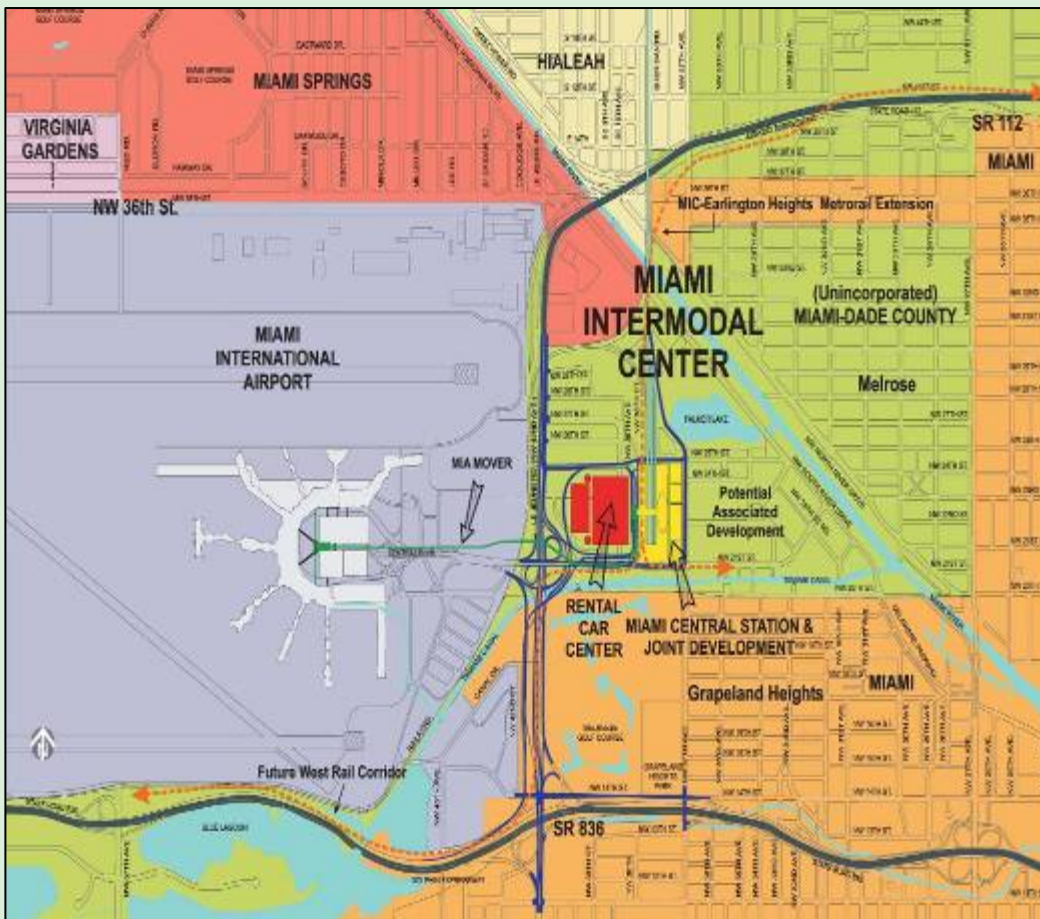
Facilitating economic development throughout the region

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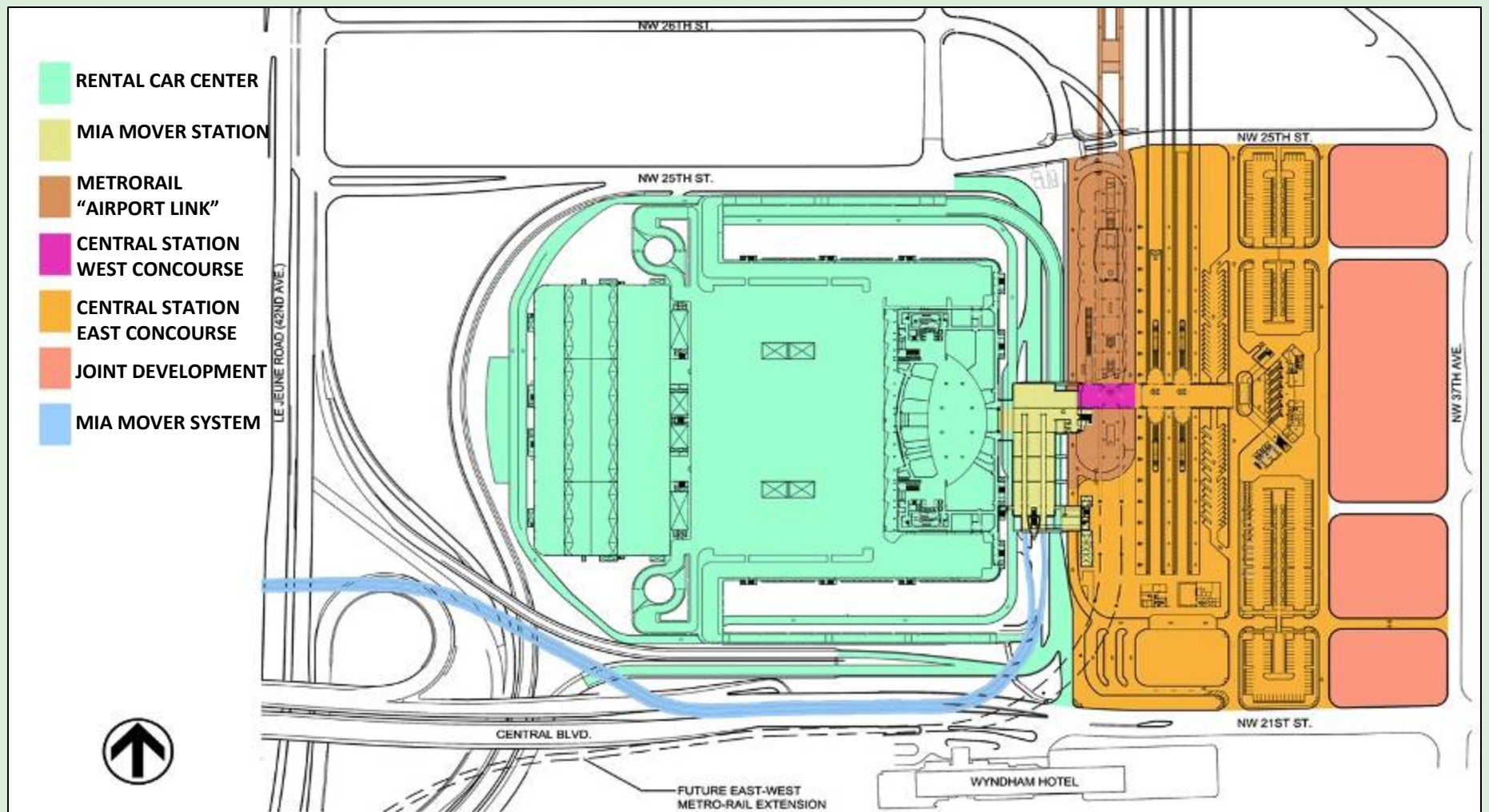


The MIC Program

- Current \$2.0 billion program
- Major components
 - Right of Way Program - 2003
 - Roadway Improvements Program - 2008
 - Rental Car Center - 2010
 - MIA Mover - 2011
 - Miami Central Station - 2013 (under construction)
 - Joint Development (currently under review)



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Overall MIC Site Plan



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MAJOR PROGRAM COMPONENTS

Miami Intermodal Center

Opened for Operations July 13, 2010

COST: \$395M



Rental Car Center



- **Distinctive design**
 - 4 levels, each 20 acres in size
 - Signature structures
 - State-of-the-art facilities
- **First multilevel fueling system in U.S.**
 - Indoor operation
 - Above grade fueling pumps
 - Capacity to wash & refuel up to 300 vehicles/hour, or 7,200 vehicles/day

Rental Car Center

Features

- 3.4 million square feet
- Space for 16 rental car companies
- Second largest facility of its kind in U.S.
 - 6,500 car capacity
- Ready/Return car area
- Fleet Storage/Staging area
- Quick Turnaround Area
 - 120 fuel positions
 - 42 wash bays



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Opened September 9, 2011

COST: \$270M



MIA Mover

- County's contribution to MIC Program
- Automated People Mover connecting airport terminals to RCC & future Miami Central Station
- FDOT built guideway foundations & shell for 30,000 sq. ft. MIA Mover Station at RCC/Central Station
- Transports 3,000 visitors per hour & reduces congestion at MIA curbside by an additional 15 percent





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COST: \$52M



MIA Mover MIC Station





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MIA Mover MIA Station



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Currently Under Construction – Began June 3, 2011

Miami Central Station



Regional Transportation Hub

- Rail hub (Amtrak, Tri-Rail, Metrorail, future High-Speed rail, intercity rail provisions)
- Bus depot (Greyhound, MDT bus service & other courtesy bus services)
- Taxis, private automobiles, bicycles & pedestrians

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Opening September 2013

COST: \$147M



Miami Central Station

- 16.5 acre site
- Transportation choices at safe, centralized location
- Enhance South Florida as a marketplace for goods & ideas
- Expand South Florida destination in travel/tourism industry



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Ground Transportation Center

- Bicycle Locker Facility
- Support Building
- Police Station
- Intercity Bus Terminal

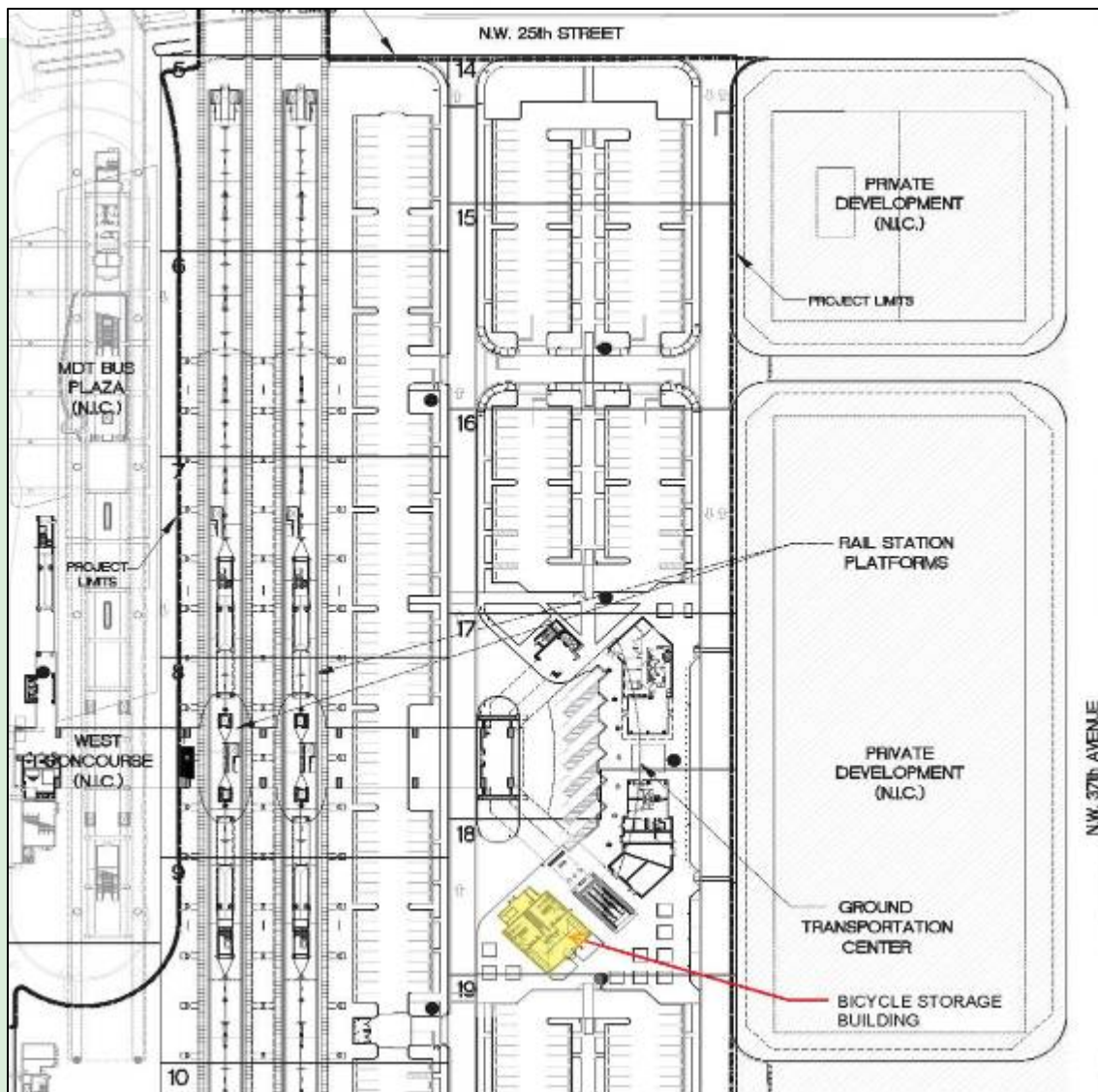


Miami Central Station

Provisions for Bicyclists & Pedestrians

- MIC Program has taken into account Miami-Dade's Bicycle and Pedestrian Program
- In addition, studying ways to safely connect bicycles and pedestrians to Miami River Greenway, which has planned on-road connections to NW 37th Avenue and NW 25th Street
- Other accommodations may be part of Joint Development component
 - Bicycle repair shop and rental shop

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Bicycle Storage Site Plan

- Bicycle racks
- Locker space
- Showers
- Other amenities

Bicycle Racks

- “Ring” Kaleidoscope
 - Manufactured by Landscape Forms
 - Can secure 2 bicycles parked parallel to rack
 - Bicycles can be headed in opposite or same direction
 - Rack provides two-point contact to prevent bicycle from tipping over
 - Constructed of 1.5” o.d. x .120” wall stainless steel tubing
 - Embedded
 - Meets Association of Pedestrian & Bicycle Professionals (APBP) recommendations



Bicycle Storage Lockers

- Single-Sided Access Model (SS)
 - Manufactured by Cycle-Safe
 - Fiberglass reinforced plastic
 - Fiberglass reinforced polyester
 - Compression molded
 - Sheet molding compound
 - Parking for one or two bicycles
 - Fixed rear panel & no interior partition
 - Can be used for larger scooters or personal storage
 - Complete with locks & hardware



Seating & Bus Shelters

- Petoskey Dual Backed Bench (embedded)
 - Manufactured by Landscape Forms
 - 5/8 in. solid metal rod seat insert
 - 72" length with center arm & powder coat finish
- Kaleidoscope Bus Shelter
 - Manufactured by Landscape Forms
 - Four-post canopy design with standard solid panels
 - Backless benches with center arms at two end bays
 - Solar powered lighting
 - Meet S.FL wind code



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Metrorail AirportLink

COST: \$540M

- 2.4-mile extension of Metrorail from Earlington Heights Station to MIC
- Being built by Miami-Dade Transit
 - Construction began May 1, 2009
 - To be completed April 2012





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Metrorail AirportLink



Station Rendering

Station Construction

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MIC Joint Development component currently being explored

Joint Development

- Ground lease development (public & private)
- 8 acre site
- Leverage its location as a connection to transportation hub
- Possibilities include
 - Hotel/Conference center
 - Office space
 - Retail & Entertainment
 - Restaurants
 - Parking





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MIC Joint Development component currently being explored



Joint Development

- **Potential for**
 - **Businesses to thrive**
 - Capacity up to 1.4 million square feet of commercial development already approved
 - **Job creation**
 - Centrally located providing proximity to diverse labor force
 - Demand for workplace-related uses such as office space
 - **Area growth & prosperity**
 - Adjacent to MIA
 - Access to S.R. 836 and S.R. 112
 - RCC & related infrastructure improve sites overall competitive position in marketplace



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COMPONENT	PHASE	DATE
Right of Way Program	Completed	December 2003
Roadway Improvements Program	Completed	May 2008
Rental Car Center	Operational	Opened – July 13, 2010
MIA Mover	Operational	Opened – Sept. 9, 2011
Metrorail AirportLink	Construction	Completion – April 2012
Miami Central Station	Construction	Completion – Sept. 2013
Joint Development	Currently being explored	-----

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www.micdot.com



The MIC is Connecting People

