

2.0 SYSTEM OVERVIEW

Miami-Dade Transit (MDT) is the 15th largest transit system in the United States, with a service area covers approximately 306 square miles. It is composed of 34 individual municipalities with an urbanized population of approximately 2.6 million. A trend persists in some areas throughout the county to incorporate, which leaves a large portion of the county populated by disadvantaged individuals in unincorporated areas that are totally dependent upon county services. MDT is one of the largest departments in Miami-Dade County government and responsible for planning and providing all public transit services in the County.

Miami-Dade Transit operates an integrated multi-modal transit system comprised of four (4) modes: bus (Metrobus), heavy rail (Metrorail), automated people-mover (APM) (Metromover), and demand-response service (Special Transportation Services or STS). The transit agency is led by a Department Director that reports to the Deputy Mayor. The table of organization for MDT can be found in Appendix A.1.

Miami-Dade Transit Mission Statement

To meet the needs of the public for the highest quality of transit service: safe, reliable, efficient and courteous.

Approximately 363,000 average weekday boardings occur on the MDT system. Table 2-1 presents MDT service characteristics by transit mode.











Table 2-1: MDT Service Characteristics by Transit Mode, 2014

| Suratana Chanastaniatias | Metrobus | | | | 070 |
|--------------------------------|--------------------------|--------------------------|----------------|----------------|------------------|
| System Characteristics | MDT Operated Routes | Contracted Routes | Metrorail | Metromover | STS |
| Operating Hours | 24 hours ¹ | 6:20am-1:10am | 5:00am-12:48am | 5:00am-12:00am | 24 hours |
| Number of Routes | 93 | 2 | 2 | 3 | Demand Resp. |
| No. of Stations/Stops | 8,828 | 32 ² | 23* | 21* | N/A |
| Peak Headways | 5-80 minutes | N/A | 5-10 minutes** | 1½ -5 minutes | (Pick up +/-30 |
| Midday Headways | 12 -60 minutes | N/A | 15 minutes | 1½ - 3 minutes | minutes of |
| Weekend Headways | 12 -60 minutes | N/A | 30 minutes | 3-6 minutes | scheduled time) |
| Routes Miles | 2,543 (Round Trip Miles) | 202.8 (Round Trip Miles) | 24.8 miles | 4.4 miles | N/A |
| Peak Vehicle Requirements* | 672 | 7 | 80 | 21 | 328 |
| Total Fleet Size | 822* | 9* | 136* | 46* | 381 ³ |
| Annual Revenue Miles* | 28,382,273 | 571,009 | 7,976,759 | 1,321,864 | 14,139,842 |
| Annual Boardings* | 76,965,823 | 391,118 | 21,751,409 | 9,983,055 | 1,711,693 |
| Park-Ride Spaces | 2,922 | N/A | 9,581 | 0 | N/A |
| Annual Operating Expense* | \$321,598,834 | \$1,855,733 | \$90,413,013 | \$26,178,144 | \$45,785,241 |
| Annual Operating Revenue* | \$95,728,676 | \$662,542 | \$18,782,113 | \$0 | \$5,360,565 |
| Annual Revenues (Other)* | \$4,444,049 ⁴ | \$0 | \$0 | \$0 | N/A |
| Base Fare | \$2.25*** | \$2.25 | \$2.25 | Free | \$3.50 |
| Transit Centers | 2 | N/A | N/A | N/A | N/A |
| Pedestrian Overpasses | 1 | 0 | 3 | 0 | N/A |
| Maintenance/Storage Facilities | 3 | N/A | 1 | 1 | N/A |

^{*} Source: National Transit Database, Miami-Dade Transit, 1st Submission 2014 Data, January 30, 2015.

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^{** 5-}minute combined headway (Orange Line and Green Line) during the peak AM and PM travel times from Dadeland South Station to the Earlington Heights Station. The Green Line Metrorail Service operates at 10-minute headways during the peak AM and PM travel times between the Palmetto Station and the Dadeland South Station.

^{***} Express Bus fare is \$2.65 and shuttle bus fare is \$0.25

¹ Six (6) Metrobus routes (L, S, 3, 11, 27, 38/Busway MAX) operate 24 hours per day. Two other routes, 246/Night Owl and 500/Midnight Owl, provide hourly bus service approximately between 12:00 am - 5:30 am.

² In addition to the 32 designated bus stops for the two routes, buses pick up passengers anywhere along the routes when hailed.

³ STS fleet includes 192 sedans, 109 wheelchair vans, 54 fifteen passenger vans, 7 twelve passenger vans, 15 mini buses and 4 mini vans.

⁴ Includes all modes.





2.1 Metrobus

Metrobus is MDT's fixed-route bus service. Metrobus operates seven days a week, 24 hours per day. A total of 93 routes comprise MDT's regular bus service structure as served by a total fleet of 822 buses and two contracted routes with nine buses. Miami-Dade Transit's family of services Metrobus includes local, circulator, limited-stop, express, and BRT (Bus Rapid Transit) services. Figure 2-1 illustrates the MDT Metrobus system route map as of December 2014 while Figure 2-2 presents Metrobus service area coverage. A detailed service schedule for current MDT operated Metrobus routes, as of December 2014 is presented in Appendix A.2.

2.1.1 Local Service

Local bus service collects and distributes high-turnover ridership along arterials radiating to and from dense activity centers. This service type is characterized by frequent stops, short and moderate passenger trips, and slow average bus speeds over the course of an entire route.

2.1.2 Circulator Service

Circulator or shuttle bus service operates short route connections between activity centers, or as a feeder to provide a connection with another transit service. For MDT, these routes include the Tri-Rail commuter rail shuttles in Miami-Dade County, and short localized area-specific routes. Route 211, the Overtown Circulator, is an example of MDT's circulator service operating on weekdays.

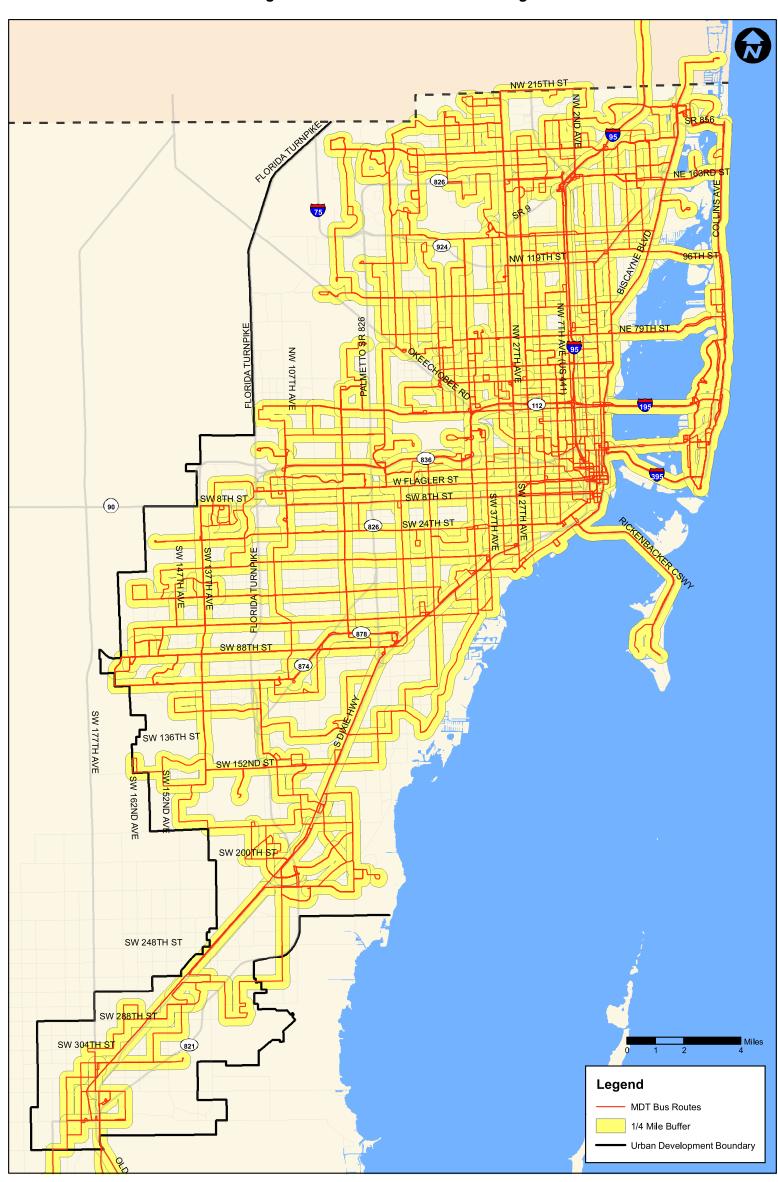


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Miami-Dade County Transit System

Figure 2-1: MDT Metrobus System Map

Figure 2-2: MDT Service Area Coverage







2.1.3 Limited-Stop Service

Limited-stop service serves designated bus stops along a route. With fewer stops, limited routes have significantly increased operating speeds when compared to local service. The MAX routes serve stops at major transfer points or approximately every one-half mile (in the Miami Central Business District (CBD)) to one mile (in suburban areas) along a route.

Route 277, the 7th Avenue MAX is an example of a limited-stop type of bus service that operates during the morning and evening rush hours.

2.1.4 Express Service

Express service is a type of service similar to limited-stop service that has fewer stops and operates at a higher speed than local service. Express routes serve outlying areas (designated park-and-ride lots or shopping centers), some with direct service to the Miami CBD. They usually operate along a freeway or major arterial road to increase the operating speed.

The 95 Dade-Broward Express that operates within the I-95 express lanes is an existing express service operated by MDT.

2.1.5 Bus Rapid Transit (BRT)

The South Miami-Dade Busway is a 19.8-mile two-lane, at-grade dedicated busway corridor for MDT bus service along U.S. 1 from SW 344th Street in South Miami-Dade to the Dadeland South Metrorail Station. Full-size buses serve 29 bus stations and five park-and-ride areas along the Busway. Buses also operate within adjacent neighborhoods and enter the exclusive lanes at major intersections.

Most of the routes operating on the Busway provide limited-stop service, or have sections that offer limited stop service to maximize use of the busway and its travel time savings features of exclusive





travel lanes, fewer stops, and preferential signal phasing at intersections. Examples of these routes include 31, 34, 38, 52, 252 and 287.





2.2 Metrorail

Metrorail provides passenger service to 23 stations on a 24.8-mile heavy rail electrified line. The system operates primarily on an elevated guideway with transfer points to Tri-Rail passenger rail service and the MDT Metromover system. MDT maintains a total fleet of 136 Metrorail vehicles.

Daily passenger service starts at 5:00 a.m. from the terminal stations and ends with the last train arriving at the terminal station at 12:48 a.m.

Miami-Dade Transit operates two lines of service with four (4) and six (6) car trains. The legacy Green Line from Palmetto Station to Dadeland South Station and the Orange Line from the Miami Intermodal Center (MIC) at Miami International Airport to Dadeland South station.

The Orange Line provides direct service between the MIC and Dadeland South Station every 10 minutes during peak hours. The Green Line operates at 10-minute headways during the peak AM and PM travel times between the Palmetto Station and Dadeland Station.

Both lines provide premium transit service with a combined headway of five (5) minutes during the peak AM and PM travel times from Dadeland South Station to the Earlington Heights Station. Mid-day off-peak headways are 15 minutes. Weekend and holiday service operates with headways of 30 minutes.

Figure 2-2 illustrates the MDT Metrorail system map as of December 2014.

Source: Miami-Dade Transit, December 2014

Figure 2-2-3: MDT Metrorail System 2014







2.3 Metromover

MDT's automated people mover (APM) or Metromover is an elevated system that serves 21 stations and is comprised of three (3) loops:

- Downtown Miami Central Business District (Inner/Downtown Loop);
- Adrienne Arsht Center and Perez Arts Museum to the north (Outer/Omni Loop);
- Brickell area to the south (Outer/Brickell Loop).

MDT maintains a fleet of 46 Metromover vehicles and operates with a maximum of two (2) cars per train. Metromover operates free of charge and stops at 21 wheelchair-accessible stations from the School Board area to Brickell, serving major destinations throughout Downtown Miami.

Metromover's Inner/Downtown, Outer/Omni and Brickell loops operate from 5:00 a.m. to 12:00 a.m. During the AM/PM peak period, service frequency is every 90 seconds in the central business district and every three (3) minutes during weekends and holidays.

On the Omni and Brickell Loops service frequency is five (5) minutes during peak periods and six (6) minutes during weekends and holidays.

Figure 2-3 illustrates the MDT Metromover system map as of December 2014.

School Board Adrienne Arsht Center OMNI Museum Park Eleventh Street MUSEUM PARK Park West **AMERICAN** Historic Overtown/ AIRLINES ARENA ic Theatre Freedom Tower College OFT OF MIAMI North BAYSIDE MARKETPLACE Wilkie D. College/Bayside Ferguson, Jr. Government First Street Center BAYFRONT DOWNTOWN PARK Miami Avenue Bayfront Knight Park Center Third Street Riverwalk INNER. Fifth Street OMNILOOP BROXELL LOOP Eighth Street STATION SERVING BRICKELL Tenth STATION SERVING Street MULTIPLE Brickell Promenade LOOPS ART EN ROUTE Financial METRORAIL District

Figure 2-4: MDT Metromover System 2014





2.4 Special Transportation Services



As mandated by the Americans with Disabilities Act of 1990 (ADA), MDT operates a demand-response service known as Special Transportation Services (STS). STS is a shared-ride, door-to-door transportation service for qualified individuals with disabilities who are unable to utilize the accessible fixed-route transit system.

Service is provided by sedans, vans and lift-equipped vehicles, seven (7) days a week, 24 hours per day. Presently, there are 381 vehicles available for ambulatory transportation. Currently, these vehicles are privately contracted through Transportation America (TA).

As of December 2014, a total of 30,290 eligible clients are enrolled in the STS program including both ambulatory and non-ambulatory clients.

2.5 Services provided by Private Contractors

America's Transportation provides fixed route bus service up to Mile Marker 50 into Monroe County (Routes 301 and 302). The private sector is also involved in the provision of several transit support services, such as:

- Security at Metrorail/Metromover stations, as well as other MDT facilities;
- Maintenance-type service, such as tires, janitorial, elevators/escalators, etc;
- Marketing and other similar contracts;
- Planning and technical support;
- Maintenance of bus benches/shelters at no cost to the County; and,
- Bus/rail advertising services





2.6 Miami-Dade Transit Passenger Fare Structure

MDT's automated passenger fare collection system for Metrorail and Metrobus is known as the EASY Card. Cash fare payments are still accepted on Metrobus; however Metrobus passengers are encouraged to purchase the MDT EASY Card to take advantage of discounted transfer fees. Metrorail passengers are now required to purchase and load the contactless MDT EASY Card. These cards are purchased at a fee of \$2.00 and loaded with appropriate fare amounts for passage. Table 2-2 presents the current fare structure.

Table 2-2: MDT Fare Structure Summary, December 2014

| | Regular Fare | Discount Fare ¹ |
|---|---------------------|----------------------------|
| Metrobus | \$2.25 | \$1.10 |
| Express Bus | \$2.65 | \$1.30 |
| Shuttle Bus ² | 25¢ | 10¢ |
| Metrorail | \$2.25 | \$1.10 |
| Metrorail daily parking fee | \$4.50 | Not Applicable |
| Metrorail monthly parking permit ³ | \$11.25 | Not Applicable |
| Metromover | Free | Free |
| Special Transportation Service (STS) | \$3.50 | Not applicable |
| Bus-to-Bus Transfer⁴ | Free | Free |
| Bus-to-Express Bus Transfer | 50¢+45¢ upgrade=95¢ | 25¢+20¢ upgrade=45¢ |
| Bus-to-Rail Transfer | 60¢ | 30¢ |
| Rail-to-Bus Transfer | 60¢ | 30¢ |

Discount fare is available for Medicare recipients, most people with disabilities, and students in grades K-12 when using an EASY Card for discount fare rides, which replaces all previous discount IDs and permits. Preschool children less than 42 inches in height can ride Metrobus and Metrorail free at all times with an accompanying adult. Parents or guardians of pre-schoolers are encouraged to present proof of age to bus operators and rail personnel to access the system. EASY Cards are not issued to pre-schoolers.

² MDT operates nine shuttle routes: 123/South Beach Local, 132/Doral-Tri-Rail Shuttle, 133/Airport-Tri-Rail Shuttle, 200/Cutler Bay Local, 211/Overtown Circulator, 212/Sweetwater Circulator, 249/Coconut Grove Circulator, 254/Brownsville Circulator, and 286/North Pointe Circulator. There is no fare for routes 132 (Doral-Tri-Rail Shuttle) and 133 (Airport-Tri-Rail Shuttle).

³ Only available with the purchase of a monthly pass.

⁴ Transfers are free for passengers traveling in one direction (not for round trips) using an EASY Card or EASY Ticket only within three hours of initial access of system. Passengers paying with cash must pay the full fare each time they board a bus.





Table 2-2: MDT Fare Structure Summary, December 2014 (continued)

| | Regular Fare | Discount Fare ¹ |
|--|--------------|----------------------------|
| Shuttle Bus-to-Bus or Rail Transfer | \$2.00 | \$1.00 |
| Shuttle Bus-to-Express Bus Transfer | \$2.40 | \$1.20 |
| 1-Month Pass | \$112.50 | \$56.25 |
| 1-Month Pass + Monthly Metrorail Parking Permit | \$123.75 | \$67.50 |
| 1-Month Pass - Group Discount 4-99 passes | \$101.25 | Not applicable |
| 1-Month Pass - Group Discount 100 or more passes | \$95.65 | Not applicable |
| 7-Day Pass | \$29.25 | \$14.60 |
| 1-Day Pass | \$5.65 | \$2.80 |
| College/Adult Education Center Monthly Pass | \$56.25 | Not applicable |
| Golden Passport or Patriot Passport | Free | Free |
| EASY Card (cost of media) | \$2.00 | Not applicable |
| EASY Ticket (cost of media) | Free | Not applicable |

Source: Miami-Dade Transit, December 2014.

2.6.1 Farebox Recovery Ratio

The farebox recovery ratio of a passenger transportation system is the fraction of operating expenses which are covered by the fares paid by passengers. It is calculated by dividing the system's total fare revenue by its total operating expenses. Most systems are not fully self-supporting, so advertising revenue, government subsidies, and other sources of funding are usually required to cover total operating costs.

Table 2-3 illustrates MDT's farebox recovery ratio as reported to National Transit Database (NTD) for each mode. Note that MDT's Metromover is a free fare service and therefore collects no farebox revenue.

¹ Discount fare is available for Medicare recipients, most people with disabilities, and students in grades K-12 when using an EASY Card for discount fare rides, which replaces all previous discount IDs and permits. Preschool children less than 42 inches in height can ride Metrobus and Metrorail free at all times with an accompanying adult. Parents or guardians of pre-schoolers are encouraged to present proof of age to bus operators and rail personnel to access the system. EASY Cards are not issued to pre-schoolers.





Table 2-3: Farebox Recovery by MDT Mode

| Mode | FY 2012 | FY 2013 | FY 2014 |
|-----------|---------|---------|---------|
| Metrobus | 27.7% | 28.6% | 29.8% |
| Metrorail | 27.8% | 29.4% | 21% |
| STS | 8.3% | 10.3% | 12% |

Source: National Transit Database - 2012, 2013, 1st submission 2014 data, Jan 30.2015.

2.7 Miami-Dade Transit's Special Programs

Section 427, Florida Statues and Rule 41-2 Florida Administrative Code, establishes and mandates the creation of the Commission for the Transportation Disadvantaged in the State of Florida. A Community Transportation Coordinator (CTC) in each county is appointed by the Commission for the Transportation Disadvantaged and is responsible for the coordination and provision of cost-efficient transportation services, and the elimination of duplication through a coordinated system. In Miami-Dade County, the County government is the local coordinator, and MDT is charged with the responsibility of creating programs, applying for the grants, and coordinating transportation services for the disadvantaged.

Programs such as the Section 5310, Golden Passport, Patriot Passport, Lifeline Services are also included in the Coordinated Transportation System.

2.7.1 Transportation Disadvantaged Program

The Transportation Disadvantaged Program, through a State Funded Grant, provides transit passes on a monthly basis to social service agencies that service transportation disadvantaged (disabled, poor, homeless, children and adults at risk, unemployment training) residents of Miami-Dade County. The purpose of this program is to provide EASY Tickets to qualifying agencies to distribute to their clients for use on Miami-Dade County transit system. Currently there are 110 agencies enrolled in the program.

2.7.2 Section 5310 Program

MDT actively participates in the Federal Transit Administration (FTA) Section 5310 program by participating in the grant review, evaluation and award process. MDT in its role as the CTC is responsible for the program coordination with local non-profit agencies serving elderly and disabled residents in Miami Dade County.





2.7.3 Corporate Discount Program

Miami-Dade Transit's Corporate Discount Program (CDP) allows participants to save on commuting costs through group discounts and pre-tax savings, by purchasing public transportation through a tax deduction from their employer under IRS Code 132(f). It allows employees to pay for their public transit rides using pre-tax dollars, up to \$245 month (\$2,940/year) in 2014. The CDP provides monthly transit passes on Corporate EASY Cards, good for a month of unlimited rides on Metrobus and Metrorail, at a 10 percent (10%) discount for groups of 4-99 participants, and a 15 percent (15%) discount for groups of 100+ participants. In 2014, the CDP generated over \$9.1 million in revenue. The program currently has over 200 participants.

2.7.4 College/Vocation School Discount Program

College, university, vocational/technical and adult education school students can purchase a one-month pass on an Orange EASY Ticket for \$56.25, half the cost of a full price monthly pass. This program is offered to full-time students using MDT's public transportation system to get to school. There are over 50 active schools participating in the program generating over \$5 million in annual sales.

2.7.5 K-12 Discount Program

Miami-Dade County students in grades K-12 can ride Metrobus and Metrorail at 50 percent (50%) off the regular fare. Eligible students need to obtain a specially encoded EASY Card at the Transit Service Center Kiosk located on the second floor of the Stephen P. Clark Center, at 111 NW 1st Street. The cost for the card is \$2.00 and the student is required to fill out a registration form. The card is then assigned to the student. This program is open to any student attending public or private schools in Miami-Dade County. Currently, there are over 30,000 K-12 customer accounts.

2.7.6 EASY Card Sales Outlets

EASY Card Sales Outlets are conveniently located throughout Miami-Dade County for transit customers to obtain or load cash value and/or passes onto the EASY Card or EASY Ticket. The Metrorail Monthly Parking Permits are also available at select outlets. The Marketing Division within MDT is responsible for training new vendors and maintaining 131 EASY Card Sales Outlets providing MDT with an average of \$8.5 million in revenue a year.

2.7.7 Golden Passport Office

The Golden Passport EASY Card provides free transportation to senior citizens 65 years and over, or a Social Security beneficiary who is a permanent Miami-Dade County resident. A Patriot Passport provides free transportation to disabled veterans who are a permanent Miami-Dade County resident. Currently, there are 235,501 certified Golden Passport/Patriot Passport customer accounts; this includes 164,387 Golden Passport over 65 years of age, 62,373 Golden Passport under 65 years of age and 8,741 Patriot Passport customers.





2.8 Customer Information/Convenience

The Marketing Division is recognized as one of the top Marketing groups in Florida. In 2014, they were the recipients of the Florida Public Transportation Association (FPTA) Best In Class award for the Regional Map, the K-12 radio promotions and the Metromover Interior Line-Map.

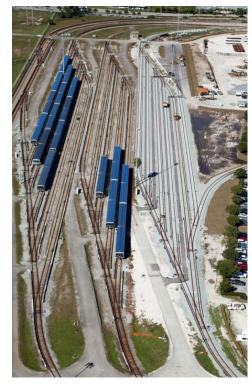
2.8.1 Smartphone Mobile Application (iPhone and Android)

Miami-Dade Transit has deployed real-time iPhone and Android applications for Metrorail/Metrobus/Metromover arrival/departure, route and schedule information. These mobile applications provide MDT passengers with everything that is currently present on the MDT mobile web site as well as additional smartphone-specific features in the form of an app to include: rider alerts; Train Tracker; Bus Tracker; service updates; elevator/escalator operational status; Metrobus schedules and routes; Metrorail station information; Metromover station information; fare information; rider alerts registration; contact numbers; feedback zone; Where Am I?; and Live Mapping. By developing these apps, MDT ensures that riders have the most up-to-date and accurate transit service information free of charge.

2.8.2 Electronic Transit Rider Alert System / Train Tracker / Mover Tracker

Miami-Dade Transit continues to implement customer convenience enhancements to their Rider Alert system that notifies passengers about transit service delays. Registered users receive electronic alerts on detours, route changes, and updates for Metrobus as well as service interruptions for Metrorail, Metromover, Metrobus and Special Transportation Services. The Rider Alert system also provides the operational status of Metrorail or Metromover station elevators and escalators. Customers must sign-up to receive these electronic alerts to their cellular phones, email addresses, text pagers, and smart phones. There are currently 1,642 customers who are signed up to receive these electronic alerts. Train Tracker service allows users to see, via the web and on mobile devices, the estimated time of arrival of the next Metrorail train.

MDT has a real-time Metromover Tracker System, "Mover Tracker" using the web-based technology and is available via computer desktops, cell phones/smartphones, personal digital assistants (PDAs) and tablets. These software applications also provide other useful transit information such as service alerts, rail and mover station information and elevator/escalator status.







2.9 Maintenance and Storage Facilities

Miami-Dade Transit currently operates three (3) maintenance bus garages to serve a fleet of 822 buses. The MDT garages are located in various areas throughout the County to provide efficient maintenance and storage services at the following locations:

- Central Facility: 3311 NW 31st Street, Miami, Florida 33142; serving 37 bus routes
- Coral Way Facility: 2775 SW 74th Avenue, Miami, Florida 33155; serving 32 bus routes and,
- Northeast Facility: 360 NE 185th Street, Miami, Florida 33179; serving 25 bus routes

The Metrorail fleet of 136 rail cars is maintained and stored at the William E. Lehman Center located at 6601 NW 72nd Avenue, Miami, Florida 33166.

The Metromover fleet of 46 cars is supported by the maintenance facility located at 100 SW 1st Avenue in Downtown Miami.

2.10 Park-and-Ride Facilities

Miami-Dade Transit currently has more than 11,000 available parking spaces, including 28 park-and-ride lots all of which serve one or more Metrobus routes. Seventeen of those locations are located at Metrorail stops.

On average about 71 percent (71%) of available parking spaces are utilized on any given weekday (2013 figure). However, actual parking usage is highest on the southern portion of the Metrorail line, and to the north at the Metrobus Golden Glades park-and-ride lot. The following figure identifies the location of existing park-and-ride sites that serve the MDT system.

2.11 Pedestrian Overpasses

To facilitate a safe passenger connection MDT maintains pedestrian overpasses throughout its transit system. A listing of the location of these pedestrian overpasses is provided.

- 1. Douglas Road Metrorail Station Pedestrian Overpass
- 2. Vizcaya Metrorail Station Pedestrian Overpass
- 3. Hialeah Metrorail Station Overpass
- 4. Snapper Creek Expressway and US-1 Overpass

Figure 2-5: Existing MDT Park-and-Ride Facilities Miami Gardens Dr & SW 73 Ave 28 ክ (826) Golden Glades 924 2 Okeechobee Hialeah Northside 12 Palmetto 27 Dr. Martin Luther King, Jr. "Plaza" NW 107TH AVE Brownsville ECHOBEE RD Earlington Heights 5 7 3 Allapattah Santa Clara 6 836 Culmer 5 W FLAGLER ST SW 8TH ST W 8TH ST 90 Vizcaya SW 24TH ST 826 10 Coconut Grove Douglas Road University SW 88th St & 11 SW 150th Ave South Miami 878 7 25 SW 88TH ST Dadeland North (874) SW 104th St & 23 Dadeland South SW 152nd Ave SW 88th St & SW 162nd Ave SW 152nd St & SW 136TH ST Busway SW 152ND 17 22 WS 20 SW 117th Ave & SW 168th St & SW 152nd St Busway No. Park/Ride Lot Park/Ride Lot District 1 District 8 21 Golden Glades East & West Lots SW 152nd St & Busway SW 112th Ave & 17 Busway 18 SW 244th St & Busw 19 SW 296th St & Busway 8 District 9 SW 244th St & District 3 20 SW 168th St & Busway SW 248TH ST Busway SW 112th Ave & Busway 21 SW 117th Ave & SW 152nd St (HEFT at Coral Reef Drive) District 10 SW 288TH ST SW 296th St & District 11 SW 104th St & SW 152nd Ave Busway (Hammocks Town Center)
SW 88th St & SW 150th Ave 19 District 4 SW 304TH ST 821 SW 88th St & SW 162nd Ave 25 District 5 West Kendall Transit Terminal) Vizcaya Metrorail Station District 12 District 6 Palmetto Metrorail Station 10 Hialeah Metrorail Station **District 13** District 7 Okeechobee Metrorail Station 11 Coconut Grove Metrorail Station Miami Gardens Dr / SW 73rd Ave Dadeland South Metrorail Station Rail Park and Ride Sites 13 Dadeland North Metrorail Station Bus Park and Ride Sites 14 Douglas Road Metrorail Station MetroRail 15 South Miami Metrorail Station

16

University Metrorail Station

MDT Bus Routes

Urban Development Boundary

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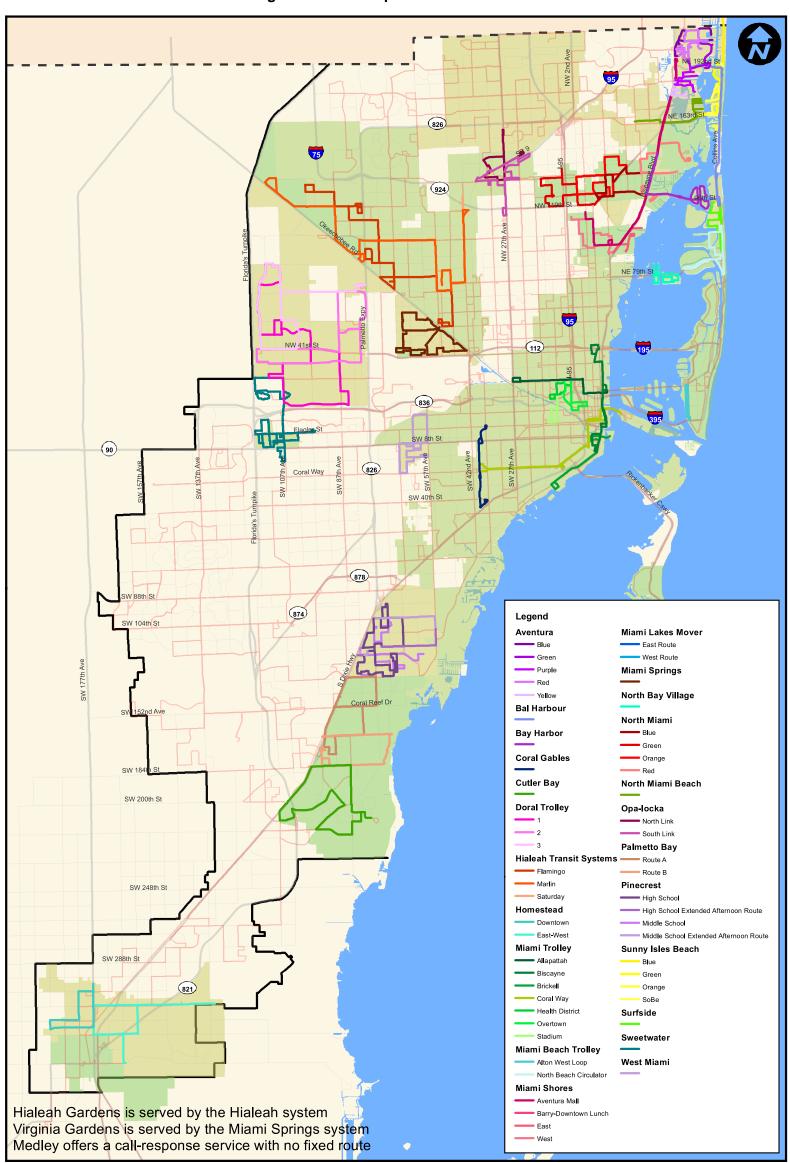
2.12 Municipal Transit Services

Miami-Dade Transit continues to coordinate with local municipalities to avoid duplication of transit services and allow for efficient transit operations that complement one another. Currently, there are 34 municipalities eligible to receive surtax funding with 33 participating in the program (Indian Creek is not participating). Of these 34 municipalities, 26 have local transit circulators that supplement MDT bus routes. Figure 2-6 presents a map of MDT bus routes and the local municipal circulators. The 26 municipalities below operate a circulator, partner with another municipality or partner with MDT.

- City of Aventura
- Village of Bal Harbour
- Town of Bay Harbor Islands
- City of Coral Gables
- Town of Cutler Bay (Interlocal Agreement (ILA) with MDT)
- City of Doral
- City of Hialeah
- City of Hialeah Gardens (ILA with the City of Hialeah)
- City of Homestead
- City of Miami
- City of Miami Beach (operate a circulator and ILA with MDT)
- Town of Miami Lakes
- Town of Medley (Monday/Thursday only service to various shopping plazas)
- Miami Shores Village
- · City of Miami Springs
- City of North Bay Village
- City of North Miami
- City of North Miami Beach
- City of Opa-locka
- Village of Palmetto Bay
- Village of Pinecrest
- City of Sunny Isles Beach
- Town of Surfside
- City of Sweetwater
- Village of Virginia Gardens (ILA with the City of Miami Springs)
- City of West Miami

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Figure 2-6: Municipal Circulator Routes





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Ridership on these circulators now exceeds eight (8) million passenger trips annually overall. The annual ridership of the three (3) largest circulator systems – (1) City of Miami, (2) City of Miami Beach and (3) City of Coral Gables, - totaled 6,034,305 in 2014. It should be noted that many of the municipalities operating circulator systems exceed the 20 percent (20%) minimum surtax transit expenditure requirement. Appendix A.3 provides a listing of each municipality, respective service operator and website.

2.13 REGIONAL TRANSIT SERVICE CONNECTIONS

2.13.1 Broward County Transit (BCT)

The Broward County Office of Transportation operates BCT, fixed route bus service, which connects with MDT service. BCT operates 45 routes during weekdays, 31 routes on Saturday and 29 routes on Sundays, with varying service schedules spanning from before 4:00 AM to after midnight on weekdays. A regular one-way fare is \$1.75 while a reduced one-way fare is \$0.85, and an all day pass is \$4.00. MDT passengers transferring to BCT will provide the BCT bus operator with the Inter-County Ticket and pay \$0.50. Passengers transferring from BCT to MDT will provide the MDT bus operator with the BCT Transfer and pay \$0.60 for a full-fare transfer, \$0.30 for a discounted-fare transfer, \$0.95 for an express-bus transfer or \$0.45 for a discounted fare transfer. BCT and MDT have partnered to provide regional bus service between Broward and Miami-Dade Counties. Currently, MDT buses travel into Hallandale Beach (southern Broward), and BCT buses travel into Aventura, North Miami, Miami Gardens, and the Golden Glades interchange. Bus service from both agencies operates within the I-95 express lanes, connecting northern and central Broward communities with Downtown Miami. BCT operates the 595 Express which connects western Broward communities to the Civic Center and Downtown Miami. The following table lists those locations and BCT bus routes that provide connecting service to Metrobus routes.

Table 2-4: BCT Routes Serving Miami-Dade County

| Bus Route | Service Connection Location | | |
|---|--|--|--|
| 1 | Aventura Mall, US 1 | | |
| 2 | NW 207 Street, NW 27 th Avenue, University Drive | | |
| 18 | Golden Glades, State Road 7 | | |
| 28 | Aventura Mall, State Road 7 | | |
| 441 Breeze, University Breeze | Golden Glades, Miami Gardens Drive | | |
| US 1 Breeze | Aventura Mall, US 1 | | |
| 595 Express Miami/Brickell | Overtown Metrorail Station, Eighth Street, Metromover Station, Brickell Metrorail Station | | |
| 95 Express Miramar, 95 Express Pembroke Pines | Miami VA Hospital, Jackson Memorial Hospital, Miami Civic Center, University of Miami Hospital | | |
| 95 Express Hollywood | Miami VA Hospital, Jackson Memorial Hospital, Miami Civic Center, University of Miami Hospital, Overtown Metrorail Station, Downtown Miami Transit Terminal | | |

Source: Broward County Transit, 2014.



2.13.2 South Florida Regional Transportation Authority (SFRTA)

The SFRTA operates Tri-Rail a commuter rail service that operates along 72 miles of the South Florida Rail Corridor which spans Palm Beach County, Broward County, and Miami-Dade County. Tri-Rail primarily runs through the eastern urbanized areas of the three counties between the Mangonia Park station in Palm Beach County and the Miami International Airport (MIA) in Miami-Dade County. Tri-Rail serves 18 passenger stations and averages more than 14,000 boardings per weekday.

Weekday service spans from 4:00 AM to 11:35 PM, with operations of 20 minute headways in each direction during the morning peak, 10-20 minute headways in the northbound direction during the evening peak, and 20 minute headways in the southbound direction during the evening peak. Off-peak headways are 60 minutes in each direction. Weekend service spans from 5:20 AM to 11:45 PM with 60 minute headways. Tri-Rail operates a zonal fare system and is comprised of six (6) equidistant zones. Fares are determined by the sum of zones traveled; the regular base fare for one-way travel is \$2.50, discounted one-way is \$1.25, regular roundtrip is \$4.40 and discounted roundtrip is \$2.50. The cost for the Tri-Rail monthly pass is \$145 (\$72.50 discounted for children, seniors, and persons with disabilities).

Tri-Rail passengers transferring from Tri-Rail at a Tri-Rail transfer point to the MDT system are required to pay the following fares as presented in the following table.

Transferring from Tri-Rail Discount Fare Full Fare Metrorail \$1.20 \$0.60 Metrobus \$0.60 \$0.30 Express Bus \$0.95 \$0.45 **Return Trip Full Fare Discount Fare** All Modes/Express Bus \$2.25/\$2.65 \$1.10/\$1.30

Table 2-5: Tri-Rail-MDT Transfer Fares

Source: Miami-Dade Transit, 2014.

Tri-Rail has five (5) station locations in Miami-Dade County that connect with MDT services including both Metrobus and Metrorail. The five (5) Tri-Rail stations include Golden Glades (Metrobus routes 105 E, 22, 77, 246 Night Owl, 277 NW 27th Ave MAX), Opa-locka (Metrobus routes 32, 42, 135), Tri-Rail/Metrorail Transfer (Metrobus routes 42, 112 L, Metrorail), Hialeah Market (Metrobus route 110 J, 36, 37, 57, 132, 133), and the Miami International Airport (MIA) Tri-Rail station (110 J, 36, 37, 57, 133, 42, 7, 150 Miami Beach Airport Flyer, 238 East-West Connector, 238 Weekend Express, 297 27th Avenue Orange Max).

Since September 2011, the Hialeah Market Station has served as the southern terminus for Tri-Rail service due to the nearing completion reconstruction of the MIA Station. The station was being rebuilt and will connect to the airport via a people mover. The station is expected to reopen open to the public in 2015.

Table 2-6: Tri-Rail Stations and MDT Route Connections

| Tri-Rail Station | MDT Route | Major Destinations | | | |
|------------------------------------|--------------------------------|---|--|--|--|
| | Broward County | | | | |
| Fort Lauderdale | 95 Dade- Broward Express | Downtown Miami, Fort Lauderdale Tri-Rail Station | | | |
| Sheridan St | 95 Dade- Broward Express | Downtown Miami, Sheridan Street Tri-Rail Station | | | |
| | | Miami-Dade County | | | |
| | 105 E | Jackson North, The Mall at 163rd Street, City of North Miami Beach, Eastern Shores, Winston Towers, Aventura Mall, Turnberry Isle, Diplomat Mall/Hallandale | | | |
| | 22 | City of North Miami Beach, The Mall at 163rd Street, Earlington Heights Metrorail station, Coconut Grove Metrorail station, Sunshine State Industrial Park | | | |
| Golden Glades | 77 | SR 441, Liberty City, Culmer Metrorail station, Government Center Metrorail station, Main Library, Historical Museum of South Florida, Miami Art Museum, Downtown Miami Bus Terminal | | | |
| | 246 Night Owl | The Mall at 163rd Street, Downtown Miami, Government Center Metrorail station, Overtown, Civic Center Metrorail station, University of Miami/Jackson Memorial Hospitals and clinics, Allapattah Metrorail station | | | |
| | 277 NW 7th Ave MAX | Downtown Miami, Government Center Metrorail station, Culmer Metrorail station, Edison Center, North Miami, Biscayne Gardens | | | |
| | 32 | Carol City, St. Thomas University, Florida Memorial College, City of Opa-locka, Opa-locka Tri-Rail station, Miami Dade College North Campus, Northside Metrorail station, Northside Shopping Center, Santa Clara Metrorail Station, Omni Bus Terminal | | | |
| Opa ILocka | 42 | Miami Springs, City of Opa-locka City Hall, Opa-locka Tri-Rail Station, City of Hialeah, Amtrak Passenger Terminal, Tri-Rail Metrorail station, Miami International Airport Metrorail station, City of Coral Gables, Douglas Road Metrorail station | | | |
| | 135 | Hialeah Metrorail station, Miami Lakes, Opa Locka Tri-Rail, FIU Biscayne Bay | | | |
| Tri-Rail/ Metrorail Transfer | 112 L | Lincoln Road Mall, Miami Beach Convention Center, JFK Causeway, Northside Metrorail station, Amtrak Terminal, Hialeah Metrorail station | | | |
| | 42 | Miami Springs, City of Opa-locka City Hall, Opa-locka Tri-Rail Station, City of Hialeah, Amtrak Passenger Terminal, Tri-Rail Metrorail station, Miami International Airport Metrorail station, City of Coral Gables, Douglas Road Metrorail station | | | |

Table 2-6: Tri-Rail Stations and MDT Route Connections (Continued)

| Tri-Rail Station | MDT Route | Major Destinations | | |
|-----------------------------------|---------------------------------------|---|--|--|
| | 110 J* | Miami International Airport Metrorail station, Allapattah Metrorail station, City of Miami Beach | | |
| | 37 | City of Hialeah, Dept. of Children & Families, Hialeah Metrorail station, Tri-Rail Airport station, Miami International Airport Metrorail station, Douglas Road Metrorail station, City of South Miami, South Miami Metrorail station | | |
| | 36* | Dolphin Mall, Miami International Mall, Miami Dade College West Campus. Doral Center, City of Miami Springs, Miami Springs High School, Allapattah Metrorail station | | |
| Hialeah Market | 57 | Tri-Rail Airport Station, Miami International Airport (MIA) Metrorail station, South Miami Metrorail station, Busway at SW 152 Street, SW 152 Street Park & Ride Lot, Jackson South Hospital | | |
| | 132 Doral/ Tri-Rail Shuttle | Doral Executive Center, Doral Country Club, Atrium Shopping Center, Miami Springs, Hialeah Market, Tri-Rail Station | | |
| | 133 Airport/ Tri-Rail Shuttle** | Hialeah Market Tri-Rail Station, Miami International Airport, Tri-Rail Metrorail Station | | |
| | 238 East-West Connection | Dolphin Mall, Miami International Mall, Airport Corporate Center, Airport Cargo City, Airport Hilton Hotel and Miami International Airport (MIA) Metrorail station. | | |
| | 238 Weekend Express | Dolphin Mall and Miami International Airport | | |
| | 42 | Miami Springs, City of Opa-locka City Hall, Opa-locka Tri-Rail Station, City of Hialeah, Amtrak Passenger Terminal, Tri-Rail Metrorail station, Miami International Airport Metrorail station, City of Coral Gables, Douglas Road Metrorail station | | |
| Miami International Airport | 297 27th Avenue Orange MAX | Miami International Airport (MIA) Metrorail station, Martin Luther King Jr. Metrorail station, Brownsville Transit Village, Brownsville Metrorail station, Miami Dade College North, City of Opa-locka, City of Miami Gardens, Dolphin Stadium | | |
| | 150 Miami Beach Airport Flyer | Miami International Airport (MIA) Metrorail station, City of Miami Beach | | |
| | 7 | Miami International Airport (MIA) Metrorail station, City of Sweetwater, Dolphin Mall, Miami International Mall, Mall of the Americas, Downtown Bus Terminal, Main Library, Historical Museum of South Florida, Miami Art Museum, MDC Wolfson Campus, Historic Overtown/Lyric Theatre Metrorail station | | |

Source: Miami-Dade Transit, June 2014, SFRTA, June 2014

Route does not enter the Tri-Rail station; passengers must access MDT Routes from NW 36th Street. This route will remain in service until the new Tri-Rail Station at the Miami International Airport opens.